

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: P1306521 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-LS16-1200R-40-80-4S-A**

Issue Date: 2/3/2026

**Test Information**

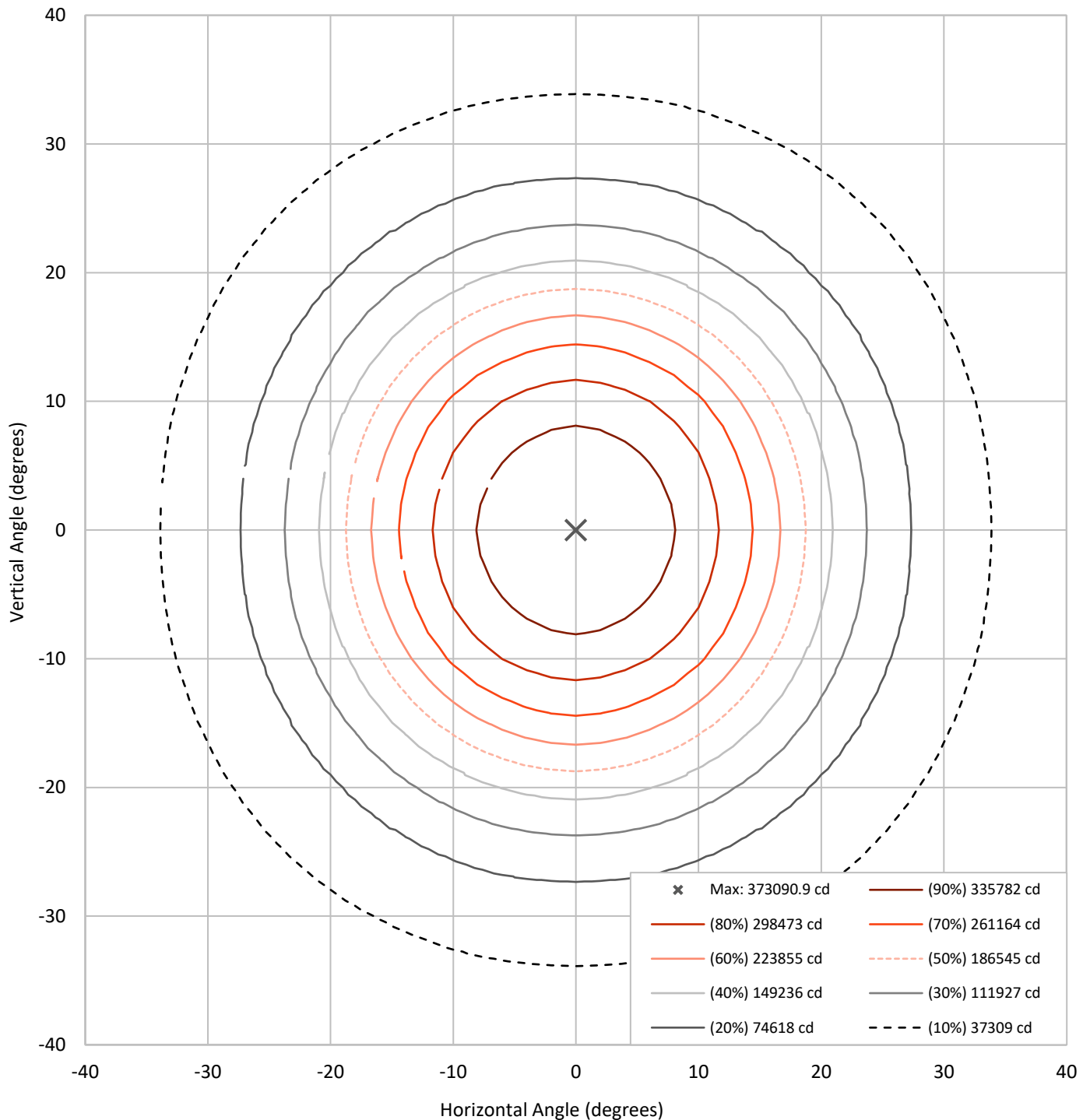
Test Method: LM-79-08  
Report Number: P1306521 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-906-12)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-LS16-1200R-40-80-4S-A  
Description: EPHEBUS LUMASPORT 16 LUMINAIRE  
(16) 4000K, 80 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:                 | 178046.1 lumens               | Max Intensity:       | 373090.9 candela |
| Efficiency:                       | N/A                           | Max Intensity Angle: | 0°H x 0°V        |
| Efficacy:                         | 145.6 lumens/watt             |                      |                  |
| Luminous Opening:                 | Circular (Dia: 1.67' x H: 0') |                      |                  |
| Beam Angle (50%):                 | 37.5°H x 37.5°V               | Field Angle (10%):   | 67.8°H x 67.8°V  |
| Beam Lumens:                      | 90582.9 lumens                | Field Lumens:        | 156646.2 lumens  |
| Beam Efficiency:                  | 50.9%                         | Field Efficiency:    | 88.0%            |
| Input Watts (W):                  | 1223                          |                      |                  |
| 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                         |                      |                  |

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### Iso-Candela Plot





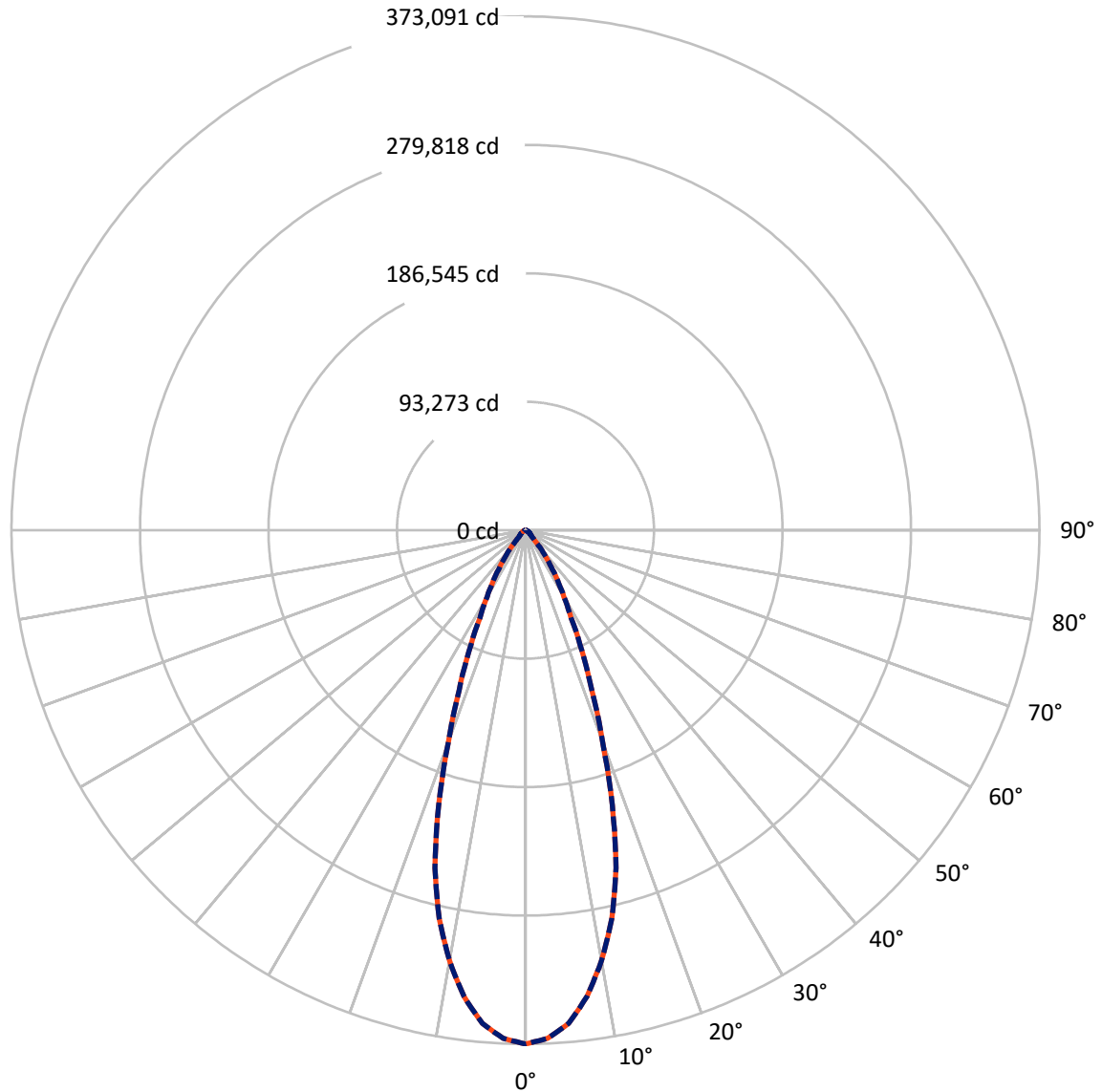
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### Lumen Table

|     |     |      |      |       |       |        |        |         |         |        |        |       |       |      |      |     |
|-----|-----|------|------|-------|-------|--------|--------|---------|---------|--------|--------|-------|-------|------|------|-----|
| 90  | 0.1 | 1.1  | 5.8  | 14.6  | 19.2  | 14.6   | 5.8    | 1.1     | 0.1     |        |        |       |       |      |      |     |
| 80  | 0.1 | 1.1  | 5.8  | 14.6  | 19.2  | 14.6   | 5.8    | 1.1     | 0.1     |        |        |       |       |      |      |     |
| 70  | 0.5 | 0.9  | 3.8  | 10.5  | 21.1  | 33.1   | 43.5   | 49.3    | 49.3    | 43.5   | 33.1   | 21.1  | 10.5  | 3.8  | 0.9  | 0.5 |
| 60  |     | 2.9  | 12.2 | 31.0  | 55.9  | 80.1   | 98.8   | 109.3   | 109.3   | 98.8   | 80.1   | 55.9  | 31.0  | 12.2 | 2.9  |     |
| 50  | 2.0 | 6.5  | 25.4 | 57.1  | 92.7  | 132.1  | 183.8  | 232.2   | 232.2   | 183.8  | 132.1  | 92.7  | 57.1  | 25.4 | 6.5  | 2.0 |
| 40  |     | 11.2 | 39.6 | 80.3  | 141.4 | 336.0  | 696.3  | 975.5   | 975.5   | 696.3  | 336.0  | 141.4 | 80.3  | 39.6 | 11.2 |     |
| 30  | 4.3 | 16.0 | 51.2 | 103.6 | 305.7 | 948.2  | 1925.7 | 2872.0  | 2872.0  | 1925.7 | 948.2  | 305.7 | 103.6 | 51.2 | 16.0 | 4.3 |
| 20  |     | 19.7 | 59.3 | 135.9 | 596.5 | 1813.6 | 4379.7 | 7012.1  | 7012.1  | 4379.7 | 1813.6 | 596.5 | 135.9 | 59.3 | 19.7 |     |
| 10  | 5.4 | 21.7 | 63.6 | 167.5 | 811.0 | 2629.5 | 6813.6 | 10162.0 | 10162.0 | 6813.6 | 2629.5 | 811.0 | 167.5 | 63.6 | 21.7 | 5.4 |
| 0   |     | 21.7 | 63.6 | 167.5 | 811.0 | 2629.5 | 6813.6 | 10162.0 | 10162.0 | 6813.6 | 2629.5 | 811.0 | 167.5 | 63.6 | 21.7 |     |
| -10 | 4.3 | 19.7 | 59.3 | 135.9 | 596.5 | 1813.6 | 4379.7 | 7012.1  | 7012.1  | 4379.7 | 1813.6 | 596.5 | 135.9 | 59.3 | 19.7 | 4.3 |
| -20 |     | 16.0 | 51.2 | 103.6 | 305.7 | 948.2  | 1925.7 | 2872.0  | 2872.0  | 1925.7 | 948.2  | 305.7 | 103.6 | 51.2 | 16.0 |     |
| -30 | 2.0 | 11.2 | 39.6 | 80.3  | 141.4 | 336.0  | 696.3  | 975.5   | 975.5   | 696.3  | 336.0  | 141.4 | 80.3  | 39.6 | 11.2 | 2.0 |
| -40 |     | 6.5  | 25.4 | 57.1  | 92.7  | 132.1  | 183.8  | 232.2   | 232.2   | 183.8  | 132.1  | 92.7  | 57.1  | 25.4 | 6.5  |     |
| -50 | 0.5 | 2.9  | 12.2 | 31.0  | 55.9  | 80.1   | 98.8   | 109.3   | 109.3   | 98.8   | 80.1   | 55.9  | 31.0  | 12.2 | 2.9  | 0.5 |
| -60 |     | 0.9  | 3.8  | 10.5  | 21.1  | 33.1   | 43.5   | 49.3    | 49.3    | 43.5   | 33.1   | 21.1  | 10.5  | 3.8  | 0.9  |     |
| -70 | 0.1 | 1.1  | 5.8  | 14.6  | 19.2  | 14.6   | 5.8    | 1.1     | 0.1     |        |        |       |       |      |      |     |
| -80 |     | 0.1  | 1.1  | 5.8   | 14.6  | 19.2   | 14.6   | 5.8     | 1.1     | 0.1    |        |       |       |      |      |     |
| -90 | 0.1 | 1.1  | 5.8  | 14.6  | 19.2  | 14.6   | 5.8    | 1.1     | 0.1     |        |        |       |       |      |      |     |

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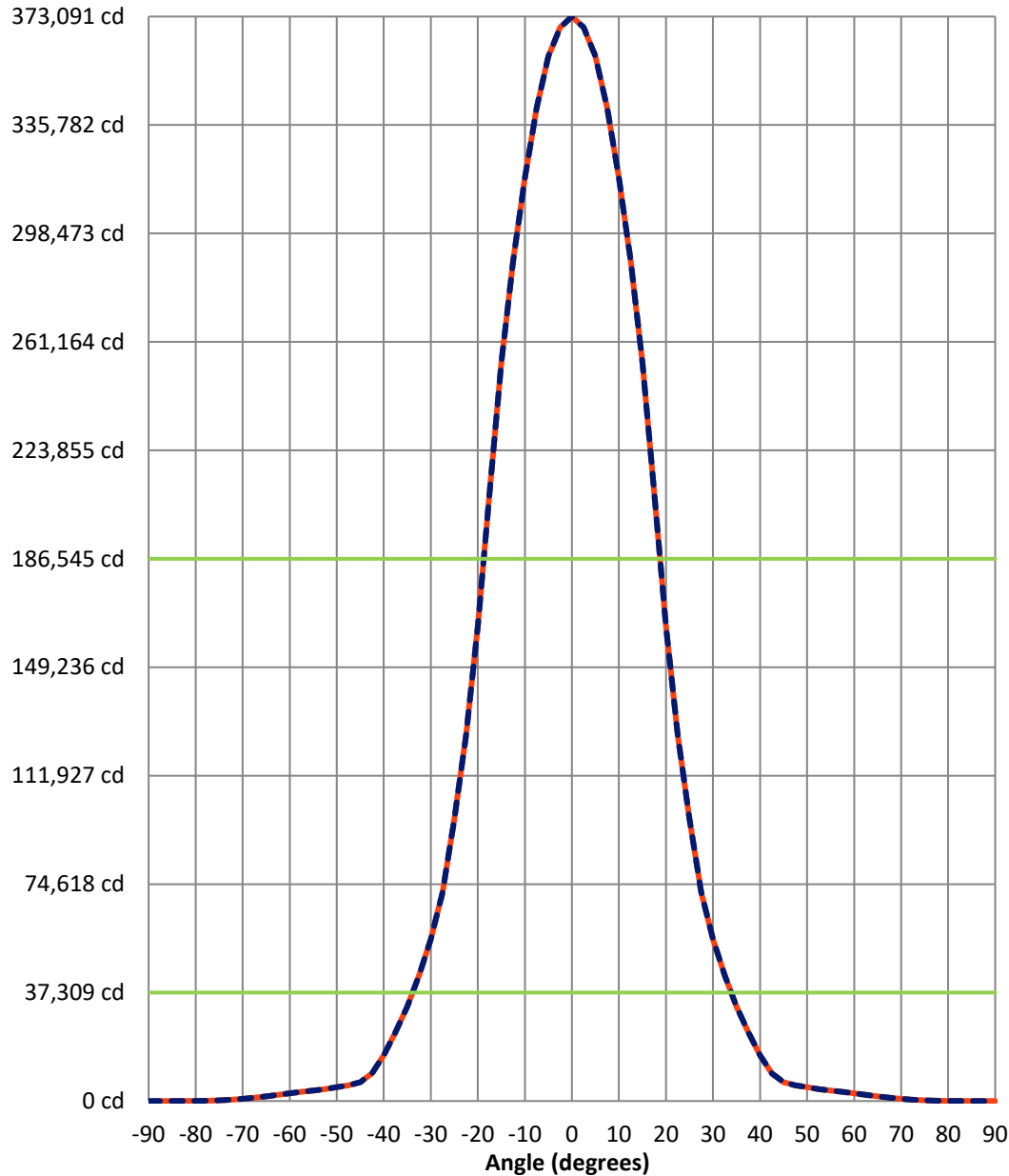
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 37.5°  
V Angle: 37.5°  
Lumens: 90582.9  
Efficiency: 50.9%

**Field:**  
H Angle: 67.8°  
V Angle: 67.8°  
Lumens: 156646.2  
Efficiency: 88.0%

**Spill:**  
Lumens: 21399.9  
Efficiency: 12.0%

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



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

|        | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75°  | -72.5° | -70°  | -67.5° | -65°   |
|--------|------|--------|------|--------|------|--------|-------|--------|-------|--------|--------|
| 90°    | 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  | 0.1    | 0.2  | 0.4    | 0.5  | 0.6    | 0.7   | 0.8    | 1.0   | 1.1    | 1.2    |
| 85°    | 0.0  | 0.2    | 0.5  | 0.7    | 1.0  | 1.2    | 1.4   | 1.7    | 1.9   | 2.1    | 2.4    |
| 82.5°  | 0.0  | 0.4    | 0.7  | 1.1    | 1.5  | 1.8    | 2.2   | 2.5    | 3.0   | 3.9    | 4.7    |
| 80°    | 0.0  | 0.5    | 1.0  | 1.5    | 1.9  | 2.4    | 3.0   | 4.2    | 5.4   | 6.6    | 7.8    |
| 77.5°  | 0.0  | 0.6    | 1.2  | 1.8    | 2.4  | 3.3    | 4.9   | 6.4    | 7.9   | 9.4    | 11.7   |
| 75°    | 0.0  | 0.7    | 1.4  | 2.2    | 3.0  | 4.9    | 6.7   | 8.5    | 10.6  | 14.6   | 18.6   |
| 72.5°  | 0.0  | 0.8    | 1.7  | 2.5    | 4.2  | 6.4    | 8.5   | 11.3   | 16.1  | 20.8   | 25.4   |
| 70°    | 0.0  | 1.0    | 1.9  | 3.0    | 5.4  | 7.9    | 10.6  | 16.1   | 21.5  | 26.9   | 33.5   |
| 67.5°  | 0.0  | 1.1    | 2.1  | 3.9    | 6.6  | 9.4    | 14.6  | 20.8   | 26.9  | 34.5   | 42.0   |
| 65°    | 0.0  | 1.2    | 2.4  | 4.7    | 7.8  | 11.7   | 18.6  | 25.4   | 33.5  | 42.0   | 55.9   |
| 62.5°  | 0.0  | 1.3    | 2.6  | 5.6    | 8.9  | 15.0   | 22.5  | 30.8   | 40.1  | 52.8   | 82.8   |
| 60°    | 0.0  | 1.4    | 2.8  | 6.4    | 10.0 | 18.2   | 26.3  | 36.4   | 46.5  | 76.6   | 109.3  |
| 57.5°  | 0.0  | 1.5    | 3.3  | 7.2    | 12.4 | 21.2   | 30.9  | 41.9   | 64.3  | 100.0  | 150.6  |
| 55°    | 0.0  | 1.6    | 3.9  | 8.0    | 14.9 | 24.3   | 35.5  | 47.2   | 84.5  | 127.1  | 198.1  |
| 52.5°  | 0.0  | 1.7    | 4.4  | 8.8    | 17.2 | 27.3   | 39.9  | 63.1   | 104.2 | 168.8  | 244.4  |
| 50°    | 0.0  | 1.8    | 4.9  | 9.6    | 19.5 | 30.9   | 44.2  | 79.8   | 128.2 | 209.2  | 310.9  |
| 47.5°  | 0.0  | 1.9    | 5.4  | 10.5   | 21.6 | 34.4   | 49.8  | 95.9   | 162.9 | 248.3  | 377.8  |
| 45°    | 0.0  | 2.0    | 5.8  | 12.1   | 23.7 | 37.7   | 63.0  | 111.5  | 196.4 | 305.8  | 442.4  |
| 42.5°  | 0.0  | 2.1    | 6.3  | 13.6   | 25.7 | 40.9   | 75.8  | 134.0  | 228.5 | 361.5  | 532.9  |
| 40°    | 0.0  | 2.1    | 6.7  | 15.0   | 27.9 | 44.0   | 87.9  | 160.7  | 264.5 | 414.8  | 624.2  |
| 37.5°  | 0.0  | 2.2    | 7.1  | 16.4   | 30.2 | 46.8   | 99.5  | 186.2  | 309.4 | 473.1  | 711.2  |
| 35°    | 0.0  | 2.3    | 7.5  | 17.7   | 32.4 | 53.7   | 110.4 | 210.3  | 352.0 | 547.1  | 801.8  |
| 32.5°  | 0.0  | 2.4    | 7.8  | 18.9   | 34.5 | 62.3   | 123.4 | 233.0  | 392.1 | 616.7  | 899.3  |
| 30°    | 0.0  | 2.4    | 8.1  | 20.0   | 36.4 | 70.3   | 141.5 | 256.9  | 429.6 | 682.0  | 990.8  |
| 27.5°  | 0.0  | 2.5    | 8.4  | 21.0   | 38.2 | 77.7   | 158.3 | 287.2  | 471.4 | 742.7  | 1075.9 |
| 25°    | 0.0  | 2.5    | 8.7  | 22.0   | 39.8 | 84.5   | 173.8 | 315.1  | 520.8 | 807.9  | 1155.1 |
| 22.5°  | 0.0  | 2.6    | 9.0  | 22.9   | 41.3 | 90.7   | 187.9 | 340.6  | 565.9 | 871.9  | 1240.6 |
| 20°    | 0.0  | 2.6    | 9.2  | 23.7   | 42.7 | 96.3   | 200.6 | 363.6  | 606.5 | 929.6  | 1317.8 |
| 17.5°  | 0.0  | 2.7    | 9.4  | 24.4   | 43.9 | 101.3  | 211.9 | 384.0  | 642.6 | 980.9  | 1386.5 |
| 15°    | 0.0  | 2.7    | 9.6  | 25.0   | 44.9 | 105.6  | 221.7 | 401.8  | 674.1 | 1025.7 | 1446.5 |
| 12.5°  | 0.0  | 2.7    | 9.8  | 25.5   | 45.8 | 109.3  | 230.1 | 416.9  | 700.9 | 1063.8 | 1497.5 |
| 10°    | 0.0  | 2.8    | 9.9  | 25.9   | 46.5 | 112.3  | 236.9 | 429.3  | 722.9 | 1095.2 | 1539.5 |
| 7.5°   | 0.0  | 2.8    | 10.0 | 26.3   | 47.1 | 114.7  | 242.3 | 439.0  | 740.0 | 1119.6 | 1572.3 |
| 5°     | 0.0  | 2.8    | 10.0 | 26.5   | 47.5 | 116.3  | 246.1 | 445.9  | 752.3 | 1137.2 | 1595.8 |
| 2.5°   | 0.0  | 2.8    | 10.1 | 26.7   | 47.7 | 117.4  | 248.4 | 450.1  | 759.7 | 1147.7 | 1609.9 |
| 0°     | 0.0  | 2.8    | 10.1 | 26.7   | 47.8 | 117.7  | 249.2 | 451.5  | 762.2 | 1151.2 | 1614.6 |
| -2.5°  | 0.0  | 2.8    | 10.1 | 26.7   | 47.7 | 117.4  | 248.4 | 450.1  | 759.7 | 1147.7 | 1609.9 |
| -5°    | 0.0  | 2.8    | 10.0 | 26.5   | 47.5 | 116.3  | 246.1 | 445.9  | 752.3 | 1137.2 | 1595.8 |
| -7.5°  | 0.0  | 2.8    | 10.0 | 26.3   | 47.1 | 114.7  | 242.3 | 439.0  | 740.0 | 1119.6 | 1572.3 |
| -10°   | 0.0  | 2.8    | 9.9  | 25.9   | 46.5 | 112.3  | 236.9 | 429.3  | 722.9 | 1095.2 | 1539.5 |
| -12.5° | 0.0  | 2.7    | 9.8  | 25.5   | 45.8 | 109.3  | 230.1 | 416.9  | 700.9 | 1063.8 | 1497.5 |
| -15°   | 0.0  | 2.7    | 9.6  | 25.0   | 44.9 | 105.6  | 221.7 | 401.8  | 674.1 | 1025.7 | 1446.5 |
| -17.5° | 0.0  | 2.7    | 9.4  | 24.4   | 43.9 | 101.3  | 211.9 | 384.0  | 642.6 | 980.9  | 1386.5 |
| -20°   | 0.0  | 2.6    | 9.2  | 23.7   | 42.7 | 96.3   | 200.6 | 363.6  | 606.5 | 929.6  | 1317.8 |



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**CANDELA DISTRIBUTION (continued):**

|        | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75°  | -72.5° | -70°  | -67.5° | -65°   |
|--------|------|--------|------|--------|------|--------|-------|--------|-------|--------|--------|
| -22.5° | 0.0  | 2.6    | 9.0  | 22.9   | 41.3 | 90.7   | 187.9 | 340.6  | 565.9 | 871.9  | 1240.6 |
| -25°   | 0.0  | 2.5    | 8.7  | 22.0   | 39.8 | 84.5   | 173.8 | 315.1  | 520.8 | 807.9  | 1155.1 |
| -27.5° | 0.0  | 2.5    | 8.4  | 21.0   | 38.2 | 77.7   | 158.3 | 287.2  | 471.4 | 742.7  | 1075.9 |
| -30°   | 0.0  | 2.4    | 8.1  | 20.0   | 36.4 | 70.3   | 141.5 | 256.9  | 429.6 | 682.0  | 990.8  |
| -32.5° | 0.0  | 2.4    | 7.8  | 18.9   | 34.5 | 62.3   | 123.4 | 233.0  | 392.1 | 616.7  | 899.3  |
| -35°   | 0.0  | 2.3    | 7.5  | 17.7   | 32.4 | 53.7   | 110.4 | 210.3  | 352.0 | 547.1  | 801.8  |
| -37.5° | 0.0  | 2.2    | 7.1  | 16.4   | 30.2 | 46.8   | 99.5  | 186.2  | 309.4 | 473.1  | 711.2  |
| -40°   | 0.0  | 2.1    | 6.7  | 15.0   | 27.9 | 44.0   | 87.9  | 160.7  | 264.5 | 414.8  | 624.2  |
| -42.5° | 0.0  | 2.1    | 6.3  | 13.6   | 25.7 | 40.9   | 75.8  | 134.0  | 228.5 | 361.5  | 532.9  |
| -45°   | 0.0  | 2.0    | 5.8  | 12.1   | 23.7 | 37.7   | 63.0  | 111.5  | 196.4 | 305.8  | 442.4  |
| -47.5° | 0.0  | 1.9    | 5.4  | 10.5   | 21.6 | 34.4   | 49.8  | 95.9   | 162.9 | 248.3  | 377.8  |
| -50°   | 0.0  | 1.8    | 4.9  | 9.6    | 19.5 | 30.9   | 44.2  | 79.8   | 128.2 | 209.2  | 310.9  |
| -52.5° | 0.0  | 1.7    | 4.4  | 8.8    | 17.2 | 27.3   | 39.9  | 63.1   | 104.2 | 168.8  | 244.4  |
| -55°   | 0.0  | 1.6    | 3.9  | 8.0    | 14.9 | 24.3   | 35.5  | 47.2   | 84.5  | 127.1  | 198.1  |
| -57.5° | 0.0  | 1.5    | 3.3  | 7.2    | 12.4 | 21.2   | 30.9  | 41.9   | 64.3  | 100.0  | 150.6  |
| -60°   | 0.0  | 1.4    | 2.8  | 6.4    | 10.0 | 18.2   | 26.3  | 36.4   | 46.5  | 76.6   | 109.3  |
| -62.5° | 0.0  | 1.3    | 2.6  | 5.6    | 8.9  | 15.0   | 22.5  | 30.8   | 40.1  | 52.8   | 82.8   |
| -65°   | 0.0  | 1.2    | 2.4  | 4.7    | 7.8  | 11.7   | 18.6  | 25.4   | 33.5  | 42.0   | 55.9   |
| -67.5° | 0.0  | 1.1    | 2.1  | 3.9    | 6.6  | 9.4    | 14.6  | 20.8   | 26.9  | 34.5   | 42.0   |
| -70°   | 0.0  | 1.0    | 1.9  | 3.0    | 5.4  | 7.9    | 10.6  | 16.1   | 21.5  | 26.9   | 33.5   |
| -72.5° | 0.0  | 0.8    | 1.7  | 2.5    | 4.2  | 6.4    | 8.5   | 11.3   | 16.1  | 20.8   | 25.4   |
| -75°   | 0.0  | 0.7    | 1.4  | 2.2    | 3.0  | 4.9    | 6.7   | 8.5    | 10.6  | 14.6   | 18.6   |
| -77.5° | 0.0  | 0.6    | 1.2  | 1.8    | 2.4  | 3.3    | 4.9   | 6.4    | 7.9   | 9.4    | 11.7   |
| -80°   | 0.0  | 0.5    | 1.0  | 1.5    | 1.9  | 2.4    | 3.0   | 4.2    | 5.4   | 6.6    | 7.8    |
| -82.5° | 0.0  | 0.4    | 0.7  | 1.1    | 1.5  | 1.8    | 2.2   | 2.5    | 3.0   | 3.9    | 4.7    |
| -85°   | 0.0  | 0.2    | 0.5  | 0.7    | 1.0  | 1.2    | 1.4   | 1.7    | 1.9   | 2.1    | 2.4    |
| -87.5° | 0.0  | 0.1    | 0.2  | 0.4    | 0.5  | 0.6    | 0.7   | 0.8    | 1.0   | 1.1    | 1.2    |
| -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-LS16-1200R-40-80-4S-A

**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°  | 1.3           | 1.4           | 1.5           | 1.6           | 1.7           | 1.8           | 1.9           | 2.0           | 2.1           | 2.1            | 2.2            |
| 85°    | 2.6           | 2.8           | 3.3           | 3.9           | 4.4           | 4.9           | 5.4           | 5.8           | 6.3           | 6.7            | 7.1            |
| 82.5°  | 5.6           | 6.4           | 7.2           | 8.0           | 8.8           | 9.6           | 10.5          | 12.1          | 13.6          | 15.0           | 16.4           |
| 80°    | 8.9           | 10.0          | 12.4          | 14.9          | 17.2          | 19.5          | 21.6          | 23.7          | 25.7          | 27.9           | 30.2           |
| 77.5°  | 15.0          | 18.2          | 21.2          | 24.3          | 27.3          | 30.9          | 34.4          | 37.7          | 40.9          | 44.0           | 46.8           |
| 75°    | 22.5          | 26.3          | 30.9          | 35.5          | 39.9          | 44.2          | 49.8          | 63.0          | 75.8          | 87.9           | 99.5           |
| 72.5°  | 30.8          | 36.4          | 41.9          | 47.2          | 63.1          | 79.8          | 95.9          | 111.5         | 134.0         | 160.7          | 186.2          |
| 70°    | 40.1          | 46.5          | 64.3          | 84.5          | 104.2         | 128.2         | 162.9         | 196.4         | 228.5         | 264.5          | 309.4          |
| 67.5°  | 52.8          | 76.6          | 100.0         | 127.1         | 168.8         | 209.2         | 248.3         | 305.8         | 361.5         | 414.8          | 473.1          |
| 65°    | 82.8          | 109.3         | 150.6         | 198.1         | 244.4         | 310.9         | 377.8         | 442.4         | 532.9         | 624.2          | 711.2          |
| 62.5°  | 112.4         | 162.3         | 215.8         | 278.2         | 356.5         | 432.6         | 535.6         | 645.0         | 750.2         | 873.5          | 994.0          |
| 60°    | 162.3         | 221.7         | 296.5         | 384.0         | 479.0         | 606.5         | 730.2         | 871.9         | 1016.1        | 1155.1         | 1312.6         |
| 57.5°  | 215.8         | 296.5         | 393.2         | 507.4         | 649.4         | 794.0         | 962.0         | 1124.6        | 1306.3        | 1485.8         | 1662.6         |
| 55°    | 278.2         | 384.0         | 507.4         | 663.7         | 830.1         | 1016.6        | 1206.7        | 1415.8        | 1618.1        | 1835.8         | 2044.3         |
| 52.5°  | 356.5         | 479.0         | 649.4         | 830.1         | 1034.8        | 1250.5        | 1482.0        | 1717.8        | 1961.2        | 2197.6         | 2429.2         |
| 50°    | 432.6         | 606.5         | 794.0         | 1016.6        | 1250.5        | 1504.2        | 1768.0        | 2037.2        | 2302.8        | 2561.9         | 2801.4         |
| 47.5°  | 535.6         | 730.2         | 962.0         | 1206.7        | 1482.0        | 1768.0        | 2062.6        | 2355.8        | 2642.3        | 2902.6         | 3151.4         |
| 45°    | 645.0         | 871.9         | 1124.6        | 1415.8        | 1717.8        | 2037.2        | 2355.8        | 2669.2        | 2953.6        | 3222.0         | 3456.6         |
| 42.5°  | 750.2         | 1016.1        | 1306.3        | 1618.1        | 1961.2        | 2302.8        | 2642.3        | 2953.6        | 3244.9        | 3503.2         | 3765.3         |
| 40°    | 873.5         | 1155.1        | 1485.8        | 1835.8        | 2197.6        | 2561.9        | 2902.6        | 3222.0        | 3503.2        | 3791.2         | 4079.2         |
| 37.5°  | 994.0         | 1312.6        | 1662.6        | 2044.3        | 2429.2        | 2801.4        | 3151.4        | 3456.6        | 3765.3        | 4079.2         | 4510.1         |
| 35°    | 1108.4        | 1462.3        | 1845.7        | 2246.2        | 2650.3        | 3023.7        | 3364.1        | 3688.0        | 4026.5        | 4471.3         | 4917.2         |
| 32.5°  | 1228.9        | 1603.8        | 2018.9        | 2440.3        | 2847.7        | 3227.4        | 3564.8        | 3921.9        | 4355.8        | 4846.1         | 5281.6         |
| 30°    | 1349.7        | 1751.5        | 2183.4        | 2623.0        | 3032.6        | 3403.9        | 3767.4        | 4165.6        | 4696.3        | 5172.9         | 5795.2         |
| 27.5°  | 1462.3        | 1890.5        | 2340.2        | 2785.6        | 3201.5        | 3569.4        | 3961.7        | 4465.3        | 4994.1        | 5537.9         | 6369.8         |
| 25°    | 1566.2        | 2018.9        | 2485.3        | 2933.5        | 3343.6        | 3733.2        | 4164.1        | 4744.9        | 5264.3        | 6042.4         | 7679.8         |
| 22.5°  | 1667.0        | 2136.6        | 2618.3        | 3069.2        | 3474.2        | 3887.4        | 4403.4        | 4981.1        | 5594.3        | 6550.7         | 9100.7         |
| 20°    | 1763.2        | 2246.2        | 2734.1        | 3189.6        | 3592.7        | 4027.6        | 4621.3        | 5192.9        | 5992.2        | 7763.0         | 11291.1        |
| 17.5°  | 1848.9        | 2343.9        | 2834.4        | 3286.7        | 3706.4        | 4179.0        | 4813.4        | 5383.0        | 6350.3        | 8856.6         | 13687.9        |
| 15°    | 1923.8        | 2429.2        | 2922.2        | 3371.7        | 3807.5        | 4337.0        | 4967.7        | 5657.3        | 6990.8        | 10108.9        | 15830.3        |
| 12.5°  | 1987.6        | 2502.0        | 2997.0        | 3444.3        | 3893.9        | 4472.2        | 5100.0        | 5907.4        | 7758.4        | 11799.5        | 18183.8        |
| 10°    | 2040.1        | 2561.9        | 3058.7        | 3504.2        | 3965.2        | 4583.9        | 5209.3        | 6114.6        | 8395.0        | 13204.2        | 20143.6        |
| 7.5°   | 2081.0        | 2608.7        | 3106.9        | 3551.0        | 4021.1        | 4671.4        | 5295.1        | 6277.3        | 8895.6        | 14310.7        | 21690.3        |
| 5°     | 2110.4        | 2642.3        | 3141.5        | 3584.6        | 4061.2        | 4734.3        | 5356.8        | 6394.4        | 9256.3        | 15108.8        | 22807.5        |
| 2.5°   | 2128.1        | 2662.5        | 3162.4        | 3604.8        | 4085.3        | 4772.1        | 5394.0        | 6465.0        | 9473.9        | 15590.8        | 23483.0        |
| 0°     | <b>2134.0</b> | <b>2669.2</b> | <b>3169.3</b> | <b>3611.6</b> | <b>4093.4</b> | <b>4784.8</b> | <b>5406.4</b> | <b>6488.6</b> | <b>9546.7</b> | <b>15752.0</b> | <b>23709.0</b> |
| -2.5°  | 2128.1        | 2662.5        | 3162.4        | 3604.8        | 4085.3        | 4772.1        | 5394.0        | 6465.0        | 9473.9        | 15590.8        | 23483.0        |
| -5°    | 2110.4        | 2642.3        | 3141.5        | 3584.6        | 4061.2        | 4734.3        | 5356.8        | 6394.4        | 9256.3        | 15108.8        | 22807.5        |
| -7.5°  | 2081.0        | 2608.7        | 3106.9        | 3551.0        | 4021.1        | 4671.4        | 5295.1        | 6277.3        | 8895.6        | 14310.7        | 21690.3        |
| -10°   | 2040.1        | 2561.9        | 3058.7        | 3504.2        | 3965.2        | 4583.9        | 5209.3        | 6114.6        | 8395.0        | 13204.2        | 20143.6        |
| -12.5° | 1987.6        | 2502.0        | 2997.0        | 3444.3        | 3893.9        | 4472.2        | 5100.0        | 5907.4        | 7758.4        | 11799.5        | 18183.8        |
| -15°   | 1923.8        | 2429.2        | 2922.2        | 3371.7        | 3807.5        | 4337.0        | 4967.7        | 5657.3        | 6990.8        | 10108.9        | 15830.3        |
| -17.5° | 1848.9        | 2343.9        | 2834.4        | 3286.7        | 3706.4        | 4179.0        | 4813.4        | 5383.0        | 6350.3        | 8856.6         | 13687.9        |
| -20°   | 1763.2        | 2246.2        | 2734.1        | 3189.6        | 3592.7        | 4027.6        | 4621.3        | 5192.9        | 5992.2        | 7763.0         | 11291.1        |



REPORT NUMBER: P1306521 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS16-1200R-40-80-4S-A

**CANDELA DISTRIBUTION (continued):**

|        | -62.5° | -60°   | -57.5° | -55°   | -52.5° | -50°   | -47.5° | -45°   | -42.5° | -40°   | -37.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 1667.0 | 2136.6 | 2618.3 | 3069.2 | 3474.2 | 3887.4 | 4403.4 | 4981.1 | 5594.3 | 6550.7 | 9100.7 |
| -25°   | 1566.2 | 2018.9 | 2485.3 | 2933.5 | 3343.6 | 3733.2 | 4164.1 | 4744.9 | 5264.3 | 6042.4 | 7679.8 |
| -27.5° | 1462.3 | 1890.5 | 2340.2 | 2785.6 | 3201.5 | 3569.4 | 3961.7 | 4465.3 | 4994.1 | 5537.9 | 6369.8 |
| -30°   | 1349.7 | 1751.5 | 2183.4 | 2623.0 | 3032.6 | 3403.9 | 3767.4 | 4165.6 | 4696.3 | 5172.9 | 5795.2 |
| -32.5° | 1228.9 | 1603.8 | 2018.9 | 2440.3 | 2847.7 | 3227.4 | 3564.8 | 3921.9 | 4355.8 | 4846.1 | 5281.6 |
| -35°   | 1108.4 | 1462.3 | 1845.7 | 2246.2 | 2650.3 | 3023.7 | 3364.1 | 3688.0 | 4026.5 | 4471.3 | 4917.2 |
| -37.5° | 994.0  | 1312.6 | 1662.6 | 2044.3 | 2429.2 | 2801.4 | 3151.4 | 3456.6 | 3765.3 | 4079.2 | 4510.1 |
| -40°   | 873.5  | 1155.1 | 1485.8 | 1835.8 | 2197.6 | 2561.9 | 2902.6 | 3222.0 | 3503.2 | 3791.2 | 4079.2 |
| -42.5° | 750.2  | 1016.1 | 1306.3 | 1618.1 | 1961.2 | 2302.8 | 2642.3 | 2953.6 | 3244.9 | 3503.2 | 3765.3 |
| -45°   | 645.0  | 871.9  | 1124.6 | 1415.8 | 1717.8 | 2037.2 | 2355.8 | 2669.2 | 2953.6 | 3222.0 | 3456.6 |
| -47.5° | 535.6  | 730.2  | 962.0  | 1206.7 | 1482.0 | 1768.0 | 2062.6 | 2355.8 | 2642.3 | 2902.6 | 3151.4 |
| -50°   | 432.6  | 606.5  | 794.0  | 1016.6 | 1250.5 | 1504.2 | 1768.0 | 2037.2 | 2302.8 | 2561.9 | 2801.4 |
| -52.5° | 356.5  | 479.0  | 649.4  | 830.1  | 1034.8 | 1250.5 | 1482.0 | 1717.8 | 1961.2 | 2197.6 | 2429.2 |
| -55°   | 278.2  | 384.0  | 507.4  | 663.7  | 830.1  | 1016.6 | 1206.7 | 1415.8 | 1618.1 | 1835.8 | 2044.3 |
| -57.5° | 215.8  | 296.5  | 393.2  | 507.4  | 649.4  | 794.0  | 962.0  | 1124.6 | 1306.3 | 1485.8 | 1662.6 |
| -60°   | 162.3  | 221.7  | 296.5  | 384.0  | 479.0  | 606.5  | 730.2  | 871.9  | 1016.1 | 1155.1 | 1312.6 |
| -62.5° | 112.4  | 162.3  | 215.8  | 278.2  | 356.5  | 432.6  | 535.6  | 645.0  | 750.2  | 873.5  | 994.0  |
| -65°   | 82.8   | 109.3  | 150.6  | 198.1  | 244.4  | 310.9  | 377.8  | 442.4  | 532.9  | 624.2  | 711.2  |
| -67.5° | 52.8   | 76.6   | 100.0  | 127.1  | 168.8  | 209.2  | 248.3  | 305.8  | 361.5  | 414.8  | 473.1  |
| -70°   | 40.1   | 46.5   | 64.3   | 84.5   | 104.2  | 128.2  | 162.9  | 196.4  | 228.5  | 264.5  | 309.4  |
| -72.5° | 30.8   | 36.4   | 41.9   | 47.2   | 63.1   | 79.8   | 95.9   | 111.5  | 134.0  | 160.7  | 186.2  |
| -75°   | 22.5   | 26.3   | 30.9   | 35.5   | 39.9   | 44.2   | 49.8   | 63.0   | 75.8   | 87.9   | 99.5   |
| -77.5° | 15.0   | 18.2   | 21.2   | 24.3   | 27.3   | 30.9   | 34.4   | 37.7   | 40.9   | 44.0   | 46.8   |
| -80°   | 8.9    | 10.0   | 12.4   | 14.9   | 17.2   | 19.5   | 21.6   | 23.7   | 25.7   | 27.9   | 30.2   |
| -82.5° | 5.6    | 6.4    | 7.2    | 8.0    | 8.8    | 9.6    | 10.5   | 12.1   | 13.6   | 15.0   | 16.4   |
| -85°   | 2.6    | 2.8    | 3.3    | 3.9    | 4.4    | 4.9    | 5.4    | 5.8    | 6.3    | 6.7    | 7.1    |
| -87.5° | 1.3    | 1.4    | 1.5    | 1.6    | 1.7    | 1.8    | 1.9    | 2.0    | 2.1    | 2.1    | 2.2    |
| -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: P1306521 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS16-1200R-40-80-4S-A

**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°  | 2.3     | 2.4     | 2.4     | 2.5     | 2.5     | 2.6      | 2.6      | 2.7      | 2.7      | 2.7      | 2.8      |
| 85°    | 7.5     | 7.8     | 8.1     | 8.4     | 8.7     | 9.0      | 9.2      | 9.4      | 9.6      | 9.8      | 9.9      |
| 82.5°  | 17.7    | 18.9    | 20.0    | 21.0    | 22.0    | 22.9     | 23.7     | 24.4     | 25.0     | 25.5     | 25.9     |
| 80°    | 32.4    | 34.5    | 36.4    | 38.2    | 39.8    | 41.3     | 42.7     | 43.9     | 44.9     | 45.8     | 46.5     |
| 77.5°  | 53.7    | 62.3    | 70.3    | 77.7    | 84.5    | 90.7     | 96.3     | 101.3    | 105.6    | 109.3    | 112.3    |
| 75°    | 110.4   | 123.4   | 141.5   | 158.3   | 173.8   | 187.9    | 200.6    | 211.9    | 221.7    | 230.1    | 236.9    |
| 72.5°  | 210.3   | 233.0   | 256.9   | 287.2   | 315.1   | 340.6    | 363.6    | 384.0    | 401.8    | 416.9    | 429.3    |
| 70°    | 352.0   | 392.1   | 429.6   | 471.4   | 520.8   | 565.9    | 606.5    | 642.6    | 674.1    | 700.9    | 722.9    |
| 67.5°  | 547.1   | 616.7   | 682.0   | 742.7   | 807.9   | 871.9    | 929.6    | 980.9    | 1025.7   | 1063.8   | 1095.2   |
| 65°    | 801.8   | 899.3   | 990.8   | 1075.9  | 1155.1  | 1240.6   | 1317.8   | 1386.5   | 1446.5   | 1497.5   | 1539.5   |
| 62.5°  | 1108.4  | 1228.9  | 1349.7  | 1462.3  | 1566.2  | 1667.0   | 1763.2   | 1848.9   | 1923.8   | 1987.6   | 2040.1   |
| 60°    | 1462.3  | 1603.8  | 1751.5  | 1890.5  | 2018.9  | 2136.6   | 2246.2   | 2343.9   | 2429.2   | 2502.0   | 2561.9   |
| 57.5°  | 1845.7  | 2018.9  | 2183.4  | 2340.2  | 2485.3  | 2618.3   | 2734.1   | 2834.4   | 2922.2   | 2997.0   | 3058.7   |
| 55°    | 2246.2  | 2440.3  | 2623.0  | 2785.6  | 2933.5  | 3069.2   | 3189.6   | 3286.7   | 3371.7   | 3444.3   | 3504.2   |
| 52.5°  | 2650.3  | 2847.7  | 3032.6  | 3201.5  | 3343.6  | 3474.2   | 3592.7   | 3706.4   | 3807.5   | 3893.9   | 3965.2   |
| 50°    | 3023.7  | 3227.4  | 3403.9  | 3569.4  | 3733.2  | 3887.4   | 4027.6   | 4179.0   | 4337.0   | 4472.2   | 4583.9   |
| 47.5°  | 3364.1  | 3564.8  | 3767.4  | 3961.7  | 4164.1  | 4403.4   | 4621.3   | 4813.4   | 4967.7   | 5100.0   | 5209.3   |
| 45°    | 3688.0  | 3921.9  | 4165.6  | 4465.3  | 4744.9  | 4981.1   | 5192.9   | 5383.0   | 5657.3   | 5907.4   | 6114.6   |
| 42.5°  | 4026.5  | 4355.8  | 4696.3  | 4994.1  | 5264.3  | 5594.3   | 5992.2   | 6350.3   | 6990.8   | 7758.4   | 8395.0   |
| 40°    | 4471.3  | 4846.1  | 5172.9  | 5537.9  | 6042.4  | 6550.7   | 7763.0   | 8856.6   | 10108.9  | 11799.5  | 13204.2  |
| 37.5°  | 4917.2  | 5281.6  | 5795.2  | 6369.8  | 7679.8  | 9100.7   | 11291.1  | 13687.9  | 15830.3  | 18183.8  | 20143.6  |
| 35°    | 5318.2  | 5925.3  | 6716.9  | 8448.0  | 10630.4 | 13723.4  | 16807.2  | 20125.7  | 23077.4  | 25840.5  | 28204.2  |
| 32.5°  | 5925.3  | 6906.4  | 8837.0  | 11844.7 | 15382.6 | 19528.9  | 23462.2  | 27403.2  | 30945.0  | 34344.0  | 37472.3  |
| 30°    | 6716.9  | 8837.0  | 12253.1 | 16357.3 | 21194.9 | 25964.5  | 30647.3  | 35445.6  | 40105.6  | 44333.1  | 48322.4  |
| 27.5°  | 8448.0  | 11844.7 | 16357.3 | 21755.9 | 27249.7 | 32664.9  | 38770.4  | 44579.5  | 50480.3  | 55656.2  | 61308.1  |
| 25°    | 10630.4 | 15382.6 | 21194.9 | 27249.7 | 33480.2 | 40465.0  | 47657.1  | 54730.7  | 62749.8  | 70072.5  | 78807.5  |
| 22.5°  | 13723.4 | 19528.9 | 25964.5 | 32664.9 | 40465.0 | 48697.6  | 57266.0  | 67153.5  | 78628.5  | 91153.5  | 102605.7 |
| 20°    | 16807.2 | 23462.2 | 30647.3 | 38770.4 | 47657.1 | 57266.0  | 68647.0  | 83532.7  | 99153.5  | 114976.0 | 129429.0 |
| 17.5°  | 20125.7 | 27403.2 | 35445.6 | 44579.5 | 54730.7 | 67153.5  | 83532.7  | 102177.8 | 121389.3 | 142570.8 | 162251.6 |
| 15°    | 23077.4 | 30945.0 | 40105.6 | 50480.3 | 62749.8 | 78628.5  | 99153.5  | 121389.3 | 147078.4 | 173841.3 | 200873.4 |
| 12.5°  | 25840.5 | 34344.0 | 44333.1 | 55656.2 | 70072.5 | 91153.5  | 114976.0 | 142570.8 | 173841.3 | 207438.9 | 236891.8 |
| 10°    | 28204.2 | 37472.3 | 48322.4 | 61308.1 | 78807.5 | 102605.7 | 129429.0 | 162251.6 | 200873.4 | 236891.8 | 267117.1 |
| 7.5°   | 30073.9 | 39953.6 | 51497.3 | 65830.6 | 86611.2 | 112579.6 | 143851.9 | 181939.1 | 223096.3 | 260635.5 | 289270.4 |
| 5°     | 31426.8 | 41753.0 | 53806.2 | 69130.9 | 92331.2 | 119932.6 | 154567.3 | 196920.0 | 239827.2 | 276337.9 | 305015.3 |
| 2.5°   | 32245.8 | 42844.0 | 55208.8 | 71140.5 | 95825.5 | 124443.6 | 161179.3 | 206240.0 | 250361.4 | 285848.6 | 314324.8 |
| 0°     | 32520.0 | 43209.6 | 55679.2 | 71815.5 | 97001.1 | 125964.7 | 163415.8 | 209406.7 | 253965.1 | 288976.0 | 317546.9 |
| -2.5°  | 32245.8 | 42844.0 | 55208.8 | 71140.5 | 95825.5 | 124443.6 | 161179.3 | 206240.0 | 250361.4 | 285848.6 | 314324.8 |
| -5°    | 31426.8 | 41753.0 | 53806.2 | 69130.9 | 92331.2 | 119932.6 | 154567.3 | 196920.0 | 239827.2 | 276337.9 | 305015.3 |
| -7.5°  | 30073.9 | 39953.6 | 51497.3 | 65830.6 | 86611.2 | 112579.6 | 143851.9 | 181939.1 | 223096.3 | 260635.5 | 289270.4 |
| -10°   | 28204.2 | 37472.3 | 48322.4 | 61308.1 | 78807.5 | 102605.7 | 129429.0 | 162251.6 | 200873.4 | 236891.8 | 267117.1 |
| -12.5° | 25840.5 | 34344.0 | 44333.1 | 55656.2 | 70072.5 | 91153.5  | 114976.0 | 142570.8 | 173841.3 | 207438.9 | 236891.8 |
| -15°   | 23077.4 | 30945.0 | 40105.6 | 50480.3 | 62749.8 | 78628.5  | 99153.5  | 121389.3 | 147078.4 | 173841.3 | 200873.4 |
| -17.5° | 20125.7 | 27403.2 | 35445.6 | 44579.5 | 54730.7 | 67153.5  | 83532.7  | 102177.8 | 121389.3 | 142570.8 | 162251.6 |
| -20°   | 16807.2 | 23462.2 | 30647.3 | 38770.4 | 47657.1 | 57266.0  | 68647.0  | 83532.7  | 99153.5  | 114976.0 | 129429.0 |



REPORT NUMBER: P1306521 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS16-1200R-40-80-4S-A

**CANDELA DISTRIBUTION (continued):**

|        | -35°    | -32.5°  | -30°    | -27.5°  | -25°    | -22.5°  | -20°    | -17.5°  | -15°    | -12.5°  | -10°     |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|
| -22.5° | 13723.4 | 19528.9 | 25964.5 | 32664.9 | 40465.0 | 48697.6 | 57266.0 | 67153.5 | 78628.5 | 91153.5 | 102605.7 |
| -25°   | 10630.4 | 15382.6 | 21194.9 | 27249.7 | 33480.2 | 40465.0 | 47657.1 | 54730.7 | 62749.8 | 70072.5 | 78807.5  |
| -27.5° | 8448.0  | 11844.7 | 16357.3 | 21755.9 | 27249.7 | 32664.9 | 38770.4 | 44579.5 | 50480.3 | 55656.2 | 61308.1  |
| -30°   | 6716.9  | 8837.0  | 12253.1 | 16357.3 | 21194.9 | 25964.5 | 30647.3 | 35445.6 | 40105.6 | 44333.1 | 48322.4  |
| -32.5° | 5925.3  | 6906.4  | 8837.0  | 11844.7 | 15382.6 | 19528.9 | 23462.2 | 27403.2 | 30945.0 | 34344.0 | 37472.3  |
| -35°   | 5318.2  | 5925.3  | 6716.9  | 8448.0  | 10630.4 | 13723.4 | 16807.2 | 20125.7 | 23077.4 | 25840.5 | 28204.2  |
| -37.5° | 4917.2  | 5281.6  | 5795.2  | 6369.8  | 7679.8  | 9100.7  | 11291.1 | 13687.9 | 15830.3 | 18183.8 | 20143.6  |
| -40°   | 4471.3  | 4846.1  | 5172.9  | 5537.9  | 6042.4  | 6550.7  | 7763.0  | 8856.6  | 10108.9 | 11799.5 | 13204.2  |
| -42.5° | 4026.5  | 4355.8  | 4696.3  | 4994.1  | 5264.3  | 5594.3  | 5992.2  | 6350.3  | 6990.8  | 7758.4  | 8395.0   |
| -45°   | 3688.0  | 3921.9  | 4165.6  | 4465.3  | 4744.9  | 4981.1  | 5192.9  | 5383.0  | 5657.3  | 5907.4  | 6114.6   |
| -47.5° | 3364.1  | 3564.8  | 3767.4  | 3961.7  | 4164.1  | 4403.4  | 4621.3  | 4813.4  | 4967.7  | 5100.0  | 5209.3   |
| -50°   | 3023.7  | 3227.4  | 3403.9  | 3569.4  | 3733.2  | 3887.4  | 4027.6  | 4179.0  | 4337.0  | 4472.2  | 4583.9   |
| -52.5° | 2650.3  | 2847.7  | 3032.6  | 3201.5  | 3343.6  | 3474.2  | 3592.7  | 3706.4  | 3807.5  | 3893.9  | 3965.2   |
| -55°   | 2246.2  | 2440.3  | 2623.0  | 2785.6  | 2933.5  | 3069.2  | 3189.6  | 3286.7  | 3371.7  | 3444.3  | 3504.2   |
| -57.5° | 1845.7  | 2018.9  | 2183.4  | 2340.2  | 2485.3  | 2618.3  | 2734.1  | 2834.4  | 2922.2  | 2997.0  | 3058.7   |
| -60°   | 1462.3  | 1603.8  | 1751.5  | 1890.5  | 2018.9  | 2136.6  | 2246.2  | 2343.9  | 2429.2  | 2502.0  | 2561.9   |
| -62.5° | 1108.4  | 1228.9  | 1349.7  | 1462.3  | 1566.2  | 1667.0  | 1763.2  | 1848.9  | 1923.8  | 1987.6  | 2040.1   |
| -65°   | 801.8   | 899.3   | 990.8   | 1075.9  | 1155.1  | 1240.6  | 1317.8  | 1386.5  | 1446.5  | 1497.5  | 1539.5   |
| -67.5° | 547.1   | 616.7   | 682.0   | 742.7   | 807.9   | 871.9   | 929.6   | 980.9   | 1025.7  | 1063.8  | 1095.2   |
| -70°   | 352.0   | 392.1   | 429.6   | 471.4   | 520.8   | 565.9   | 606.5   | 642.6   | 674.1   | 700.9   | 722.9    |
| -72.5° | 210.3   | 233.0   | 256.9   | 287.2   | 315.1   | 340.6   | 363.6   | 384.0   | 401.8   | 416.9   | 429.3    |
| -75°   | 110.4   | 123.4   | 141.5   | 158.3   | 173.8   | 187.9   | 200.6   | 211.9   | 221.7   | 230.1   | 236.9    |
| -77.5° | 53.7    | 62.3    | 70.3    | 77.7    | 84.5    | 90.7    | 96.3    | 101.3   | 105.6   | 109.3   | 112.3    |
| -80°   | 32.4    | 34.5    | 36.4    | 38.2    | 39.8    | 41.3    | 42.7    | 43.9    | 44.9    | 45.8    | 46.5     |
| -82.5° | 17.7    | 18.9    | 20.0    | 21.0    | 22.0    | 22.9    | 23.7    | 24.4    | 25.0    | 25.5    | 25.9     |
| -85°   | 7.5     | 7.8     | 8.1     | 8.4     | 8.7     | 9.0     | 9.2     | 9.4     | 9.6     | 9.8     | 9.9      |
| -87.5° | 2.3     | 2.4     | 2.4     | 2.5     | 2.5     | 2.6     | 2.6     | 2.7     | 2.7     | 2.7     | 2.8      |
| -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: P1306521 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS16-1200R-40-80-4S-A

**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°  | 2.8      | 2.8      | 2.8      | 2.8      | 2.8      | 2.8      | 2.8      | 2.8      | 2.7      | 2.7      | 2.7      |
| 85°    | 10.0     | 10.0     | 10.1     | 10.1     | 10.1     | 10.0     | 10.0     | 9.9      | 9.8      | 9.6      | 9.4      |
| 82.5°  | 26.3     | 26.5     | 26.7     | 26.7     | 26.7     | 26.5     | 26.3     | 25.9     | 25.5     | 25.0     | 24.4     |
| 80°    | 47.1     | 47.5     | 47.7     | 47.8     | 47.7     | 47.5     | 47.1     | 46.5     | 45.8     | 44.9     | 43.9     |
| 77.5°  | 114.7    | 116.3    | 117.4    | 117.7    | 117.4    | 116.3    | 114.7    | 112.3    | 109.3    | 105.6    | 101.3    |
| 75°    | 242.3    | 246.1    | 248.4    | 249.2    | 248.4    | 246.1    | 242.3    | 236.9    | 230.1    | 221.7    | 211.9    |
| 72.5°  | 439.0    | 445.9    | 450.1    | 451.5    | 450.1    | 445.9    | 439.0    | 429.3    | 416.9    | 401.8    | 384.0    |
| 70°    | 740.0    | 752.3    | 759.7    | 762.2    | 759.7    | 752.3    | 740.0    | 722.9    | 700.9    | 674.1    | 642.6    |
| 67.5°  | 1119.6   | 1137.2   | 1147.7   | 1151.2   | 1147.7   | 1137.2   | 1119.6   | 1095.2   | 1063.8   | 1025.7   | 980.9    |
| 65°    | 1572.3   | 1595.8   | 1609.9   | 1614.6   | 1609.9   | 1595.8   | 1572.3   | 1539.5   | 1497.5   | 1446.5   | 1386.5   |
| 62.5°  | 2081.0   | 2110.4   | 2128.1   | 2134.0   | 2128.1   | 2110.4   | 2081.0   | 2040.1   | 1987.6   | 1923.8   | 1848.9   |
| 60°    | 2608.7   | 2642.3   | 2662.5   | 2669.2   | 2662.5   | 2642.3   | 2608.7   | 2561.9   | 2502.0   | 2429.2   | 2343.9   |
| 57.5°  | 3106.9   | 3141.5   | 3162.4   | 3169.3   | 3162.4   | 3141.5   | 3106.9   | 3058.7   | 2997.0   | 2922.2   | 2834.4   |
| 55°    | 3551.0   | 3584.6   | 3604.8   | 3611.6   | 3604.8   | 3584.6   | 3551.0   | 3504.2   | 3444.3   | 3371.7   | 3286.7   |
| 52.5°  | 4021.1   | 4061.2   | 4085.3   | 4093.4   | 4085.3   | 4061.2   | 4021.1   | 3965.2   | 3893.9   | 3807.5   | 3706.4   |
| 50°    | 4671.4   | 4734.3   | 4772.1   | 4784.8   | 4772.1   | 4734.3   | 4671.4   | 4583.9   | 4472.2   | 4337.0   | 4179.0   |
| 47.5°  | 5295.1   | 5356.8   | 5394.0   | 5406.4   | 5394.0   | 5356.8   | 5295.1   | 5209.3   | 5100.0   | 4967.7   | 4813.4   |
| 45°    | 6277.3   | 6394.4   | 6465.0   | 6488.6   | 6465.0   | 6394.4   | 6277.3   | 6114.6   | 5907.4   | 5657.3   | 5383.0   |
| 42.5°  | 8895.6   | 9256.3   | 9473.9   | 9546.7   | 9473.9   | 9256.3   | 8895.6   | 8395.0   | 7758.4   | 6990.8   | 6350.3   |
| 40°    | 14310.7  | 15108.8  | 15590.8  | 15752.0  | 15590.8  | 15108.8  | 14310.7  | 13204.2  | 11799.5  | 10108.9  | 8856.6   |
| 37.5°  | 21690.3  | 22807.5  | 23483.0  | 23709.0  | 23483.0  | 22807.5  | 21690.3  | 20143.6  | 18183.8  | 15830.3  | 13687.9  |
| 35°    | 30073.9  | 31426.8  | 32245.8  | 32520.0  | 32245.8  | 31426.8  | 30073.9  | 28204.2  | 25840.5  | 23077.4  | 20125.7  |
| 32.5°  | 39953.6  | 41753.0  | 42844.0  | 43209.6  | 42844.0  | 41753.0  | 39953.6  | 37472.3  | 34344.0  | 30945.0  | 27403.2  |
| 30°    | 51497.3  | 53806.2  | 55208.8  | 55679.2  | 55208.8  | 53806.2  | 51497.3  | 48322.4  | 44333.1  | 40105.6  | 35445.6  |
| 27.5°  | 65830.6  | 69130.9  | 71140.5  | 71815.5  | 71140.5  | 69130.9  | 65830.6  | 61308.1  | 55656.2  | 50480.3  | 44579.5  |
| 25°    | 86611.2  | 92331.2  | 95825.5  | 97001.1  | 95825.5  | 92331.2  | 86611.2  | 78807.5  | 70072.5  | 62749.8  | 54730.7  |
| 22.5°  | 112579.6 | 119932.6 | 124443.6 | 125964.7 | 124443.6 | 119932.6 | 112579.6 | 102605.7 | 91153.5  | 78628.5  | 67153.5  |
| 20°    | 143851.9 | 154567.3 | 161179.3 | 163415.8 | 161179.3 | 154567.3 | 143851.9 | 129429.0 | 114976.0 | 99153.5  | 83532.7  |
| 17.5°  | 181939.1 | 196920.0 | 206240.0 | 209406.7 | 206240.0 | 196920.0 | 181939.1 | 162251.6 | 142570.8 | 121389.3 | 102177.8 |
| 15°    | 223096.3 | 239827.2 | 250361.4 | 253965.1 | 250361.4 | 239827.2 | 223096.3 | 200873.4 | 173841.3 | 147078.4 | 121389.3 |
| 12.5°  | 260635.5 | 276337.9 | 285848.6 | 288976.0 | 285848.6 | 276337.9 | 260635.5 | 236891.8 | 207438.9 | 173841.3 | 142570.8 |
| 10°    | 289270.4 | 305015.3 | 314324.8 | 317546.9 | 314324.8 | 305015.3 | 289270.4 | 267117.1 | 236891.8 | 200873.4 | 162251.6 |
| 7.5°   | 311292.4 | 327742.5 | 338175.0 | 341598.4 | 338175.0 | 327742.5 | 311292.4 | 289270.4 | 260635.5 | 223096.3 | 181939.1 |
| 5°     | 327742.5 | 345276.3 | 355790.4 | 359381.0 | 355790.4 | 345276.3 | 327742.5 | 305015.3 | 276337.9 | 239827.2 | 196920.0 |
| 2.5°   | 338175.0 | 355790.4 | 365986.2 | 369316.6 | 365986.2 | 355790.4 | 338175.0 | 314324.8 | 285848.6 | 250361.4 | 206240.0 |
| 0°     | 341598.4 | 359381.0 | 369316.6 | 373090.9 | 369316.6 | 359381.0 | 341598.4 | 317546.9 | 288976.0 | 253965.1 | 209406.7 |
| -2.5°  | 338175.0 | 355790.4 | 365986.2 | 369316.6 | 365986.2 | 355790.4 | 338175.0 | 314324.8 | 285848.6 | 250361.4 | 206240.0 |
| -5°    | 327742.5 | 345276.3 | 355790.4 | 359381.0 | 355790.4 | 345276.3 | 327742.5 | 305015.3 | 276337.9 | 239827.2 | 196920.0 |
| -7.5°  | 311292.4 | 327742.5 | 338175.0 | 341598.4 | 338175.0 | 327742.5 | 311292.4 | 289270.4 | 260635.5 | 223096.3 | 181939.1 |
| -10°   | 289270.4 | 305015.3 | 314324.8 | 317546.9 | 314324.8 | 305015.3 | 289270.4 | 267117.1 | 236891.8 | 200873.4 | 162251.6 |
| -12.5° | 260635.5 | 276337.9 | 285848.6 | 288976.0 | 285848.6 | 276337.9 | 260635.5 | 236891.8 | 207438.9 | 173841.3 | 142570.8 |
| -15°   | 223096.3 | 239827.2 | 250361.4 | 253965.1 | 250361.4 | 239827.2 | 223096.3 | 200873.4 | 173841.3 | 147078.4 | 121389.3 |
| -17.5° | 181939.1 | 196920.0 | 206240.0 | 209406.7 | 206240.0 | 196920.0 | 181939.1 | 162251.6 | 142570.8 | 121389.3 | 102177.8 |
| -20°   | 143851.9 | 154567.3 | 161179.3 | 163415.8 | 161179.3 | 154567.3 | 143851.9 | 129429.0 | 114976.0 | 99153.5  | 83532.7  |



REPORT NUMBER: P1306521 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS16-1200R-40-80-4S-A

**CANDELA DISTRIBUTION (continued):**

|        | -7.5°    | -5°      | -2.5°    | 0°       | 2.5°     | 5°       | 7.5°     | 10°      | 12.5°   | 15°     | 17.5°   |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|---------|---------|---------|
| -22.5° | 112579.6 | 119932.6 | 124443.6 | 125964.7 | 124443.6 | 119932.6 | 112579.6 | 102605.7 | 91153.5 | 78628.5 | 67153.5 |
| -25°   | 86611.2  | 92331.2  | 95825.5  | 97001.1  | 95825.5  | 92331.2  | 86611.2  | 78807.5  | 70072.5 | 62749.8 | 54730.7 |
| -27.5° | 65830.6  | 69130.9  | 71140.5  | 71815.5  | 71140.5  | 69130.9  | 65830.6  | 61308.1  | 55656.2 | 50480.3 | 44579.5 |
| -30°   | 51497.3  | 53806.2  | 55208.8  | 55679.2  | 55208.8  | 53806.2  | 51497.3  | 48322.4  | 44333.1 | 40105.6 | 35445.6 |
| -32.5° | 39953.6  | 41753.0  | 42844.0  | 43209.6  | 42844.0  | 41753.0  | 39953.6  | 37472.3  | 34344.0 | 30945.0 | 27403.2 |
| -35°   | 30073.9  | 31426.8  | 32245.8  | 32520.0  | 32245.8  | 31426.8  | 30073.9  | 28204.2  | 25840.5 | 23077.4 | 20125.7 |
| -37.5° | 21690.3  | 22807.5  | 23483.0  | 23709.0  | 23483.0  | 22807.5  | 21690.3  | 20143.6  | 18183.8 | 15830.3 | 13687.9 |
| -40°   | 14310.7  | 15108.8  | 15590.8  | 15752.0  | 15590.8  | 15108.8  | 14310.7  | 13204.2  | 11799.5 | 10108.9 | 8856.6  |
| -42.5° | 8895.6   | 9256.3   | 9473.9   | 9546.7   | 9473.9   | 9256.3   | 8895.6   | 8395.0   | 7758.4  | 6990.8  | 6350.3  |
| -45°   | 6277.3   | 6394.4   | 6465.0   | 6488.6   | 6465.0   | 6394.4   | 6277.3   | 6114.6   | 5907.4  | 5657.3  | 5383.0  |
| -47.5° | 5295.1   | 5356.8   | 5394.0   | 5406.4   | 5394.0   | 5356.8   | 5295.1   | 5209.3   | 5100.0  | 4967.7  | 4813.4  |
| -50°   | 4671.4   | 4734.3   | 4772.1   | 4784.8   | 4772.1   | 4734.3   | 4671.4   | 4583.9   | 4472.2  | 4337.0  | 4179.0  |
| -52.5° | 4021.1   | 4061.2   | 4085.3   | 4093.4   | 4085.3   | 4061.2   | 4021.1   | 3965.2   | 3893.9  | 3807.5  | 3706.4  |
| -55°   | 3551.0   | 3584.6   | 3604.8   | 3611.6   | 3604.8   | 3584.6   | 3551.0   | 3504.2   | 3444.3  | 3371.7  | 3286.7  |
| -57.5° | 3106.9   | 3141.5   | 3162.4   | 3169.3   | 3162.4   | 3141.5   | 3106.9   | 3058.7   | 2997.0  | 2922.2  | 2834.4  |
| -60°   | 2608.7   | 2642.3   | 2662.5   | 2669.2   | 2662.5   | 2642.3   | 2608.7   | 2561.9   | 2502.0  | 2429.2  | 2343.9  |
| -62.5° | 2081.0   | 2110.4   | 2128.1   | 2134.0   | 2128.1   | 2110.4   | 2081.0   | 2040.1   | 1987.6  | 1923.8  | 1848.9  |
| -65°   | 1572.3   | 1595.8   | 1609.9   | 1614.6   | 1609.9   | 1595.8   | 1572.3   | 1539.5   | 1497.5  | 1446.5  | 1386.5  |
| -67.5° | 1119.6   | 1137.2   | 1147.7   | 1151.2   | 1147.7   | 1137.2   | 1119.6   | 1095.2   | 1063.8  | 1025.7  | 980.9   |
| -70°   | 740.0    | 752.3    | 759.7    | 762.2    | 759.7    | 752.3    | 740.0    | 722.9    | 700.9   | 674.1   | 642.6   |
| -72.5° | 439.0    | 445.9    | 450.1    | 451.5    | 450.1    | 445.9    | 439.0    | 429.3    | 416.9   | 401.8   | 384.0   |
| -75°   | 242.3    | 246.1    | 248.4    | 249.2    | 248.4    | 246.1    | 242.3    | 236.9    | 230.1   | 221.7   | 211.9   |
| -77.5° | 114.7    | 116.3    | 117.4    | 117.7    | 117.4    | 116.3    | 114.7    | 112.3    | 109.3   | 105.6   | 101.3   |
| -80°   | 47.1     | 47.5     | 47.7     | 47.8     | 47.7     | 47.5     | 47.1     | 46.5     | 45.8    | 44.9    | 43.9    |
| -82.5° | 26.3     | 26.5     | 26.7     | 26.7     | 26.7     | 26.5     | 26.3     | 25.9     | 25.5    | 25.0    | 24.4    |
| -85°   | 10.0     | 10.0     | 10.1     | 10.1     | 10.1     | 10.0     | 10.0     | 9.9      | 9.8     | 9.6     | 9.4     |
| -87.5° | 2.8      | 2.8      | 2.8      | 2.8      | 2.8      | 2.8      | 2.8      | 2.8      | 2.7     | 2.7     | 2.7     |
| -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: P1306521 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS16-1200R-40-80-4S-A

**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°  | 2.6      | 2.6      | 2.5     | 2.5     | 2.4     | 2.4     | 2.3     | 2.2     | 2.1     | 2.1    | 2.0    |
| 85°    | 9.2      | 9.0      | 8.7     | 8.4     | 8.1     | 7.8     | 7.5     | 7.1     | 6.7     | 6.3    | 5.8    |
| 82.5°  | 23.7     | 22.9     | 22.0    | 21.0    | 20.0    | 18.9    | 17.7    | 16.4    | 15.0    | 13.6   | 12.1   |
| 80°    | 42.7     | 41.3     | 39.8    | 38.2    | 36.4    | 34.5    | 32.4    | 30.2    | 27.9    | 25.7   | 23.7   |
| 77.5°  | 96.3     | 90.7     | 84.5    | 77.7    | 70.3    | 62.3    | 53.7    | 46.8    | 44.0    | 40.9   | 37.7   |
| 75°    | 200.6    | 187.9    | 173.8   | 158.3   | 141.5   | 123.4   | 110.4   | 99.5    | 87.9    | 75.8   | 63.0   |
| 72.5°  | 363.6    | 340.6    | 315.1   | 287.2   | 256.9   | 233.0   | 210.3   | 186.2   | 160.7   | 134.0  | 111.5  |
| 70°    | 606.5    | 565.9    | 520.8   | 471.4   | 429.6   | 392.1   | 352.0   | 309.4   | 264.5   | 228.5  | 196.4  |
| 67.5°  | 929.6    | 871.9    | 807.9   | 742.7   | 682.0   | 616.7   | 547.1   | 473.1   | 414.8   | 361.5  | 305.8  |
| 65°    | 1317.8   | 1240.6   | 1155.1  | 1075.9  | 990.8   | 899.3   | 801.8   | 711.2   | 624.2   | 532.9  | 442.4  |
| 62.5°  | 1763.2   | 1667.0   | 1566.2  | 1462.3  | 1349.7  | 1228.9  | 1108.4  | 994.0   | 873.5   | 750.2  | 645.0  |
| 60°    | 2246.2   | 2136.6   | 2018.9  | 1890.5  | 1751.5  | 1603.8  | 1462.3  | 1312.6  | 1155.1  | 1016.1 | 871.9  |
| 57.5°  | 2734.1   | 2618.3   | 2485.3  | 2340.2  | 2183.4  | 2018.9  | 1845.7  | 1662.6  | 1485.8  | 1306.3 | 1124.6 |
| 55°    | 3189.6   | 3069.2   | 2933.5  | 2785.6  | 2623.0  | 2440.3  | 2246.2  | 2044.3  | 1835.8  | 1618.1 | 1415.8 |
| 52.5°  | 3592.7   | 3474.2   | 3343.6  | 3201.5  | 3032.6  | 2847.7  | 2650.3  | 2429.2  | 2197.6  | 1961.2 | 1717.8 |
| 50°    | 4027.6   | 3887.4   | 3733.2  | 3569.4  | 3403.9  | 3227.4  | 3023.7  | 2801.4  | 2561.9  | 2302.8 | 2037.2 |
| 47.5°  | 4621.3   | 4403.4   | 4164.1  | 3961.7  | 3767.4  | 3564.8  | 3364.1  | 3151.4  | 2902.6  | 2642.3 | 2355.8 |
| 45°    | 5192.9   | 4981.1   | 4744.9  | 4465.3  | 4165.6  | 3921.9  | 3688.0  | 3456.6  | 3222.0  | 2953.6 | 2669.2 |
| 42.5°  | 5992.2   | 5594.3   | 5264.3  | 4994.1  | 4696.3  | 4355.8  | 4026.5  | 3765.3  | 3503.2  | 3244.9 | 2953.6 |
| 40°    | 7763.0   | 6550.7   | 6042.4  | 5537.9  | 5172.9  | 4846.1  | 4471.3  | 4079.2  | 3791.2  | 3503.2 | 3222.0 |
| 37.5°  | 11291.1  | 9100.7   | 7679.8  | 6369.8  | 5795.2  | 5281.6  | 4917.2  | 4510.1  | 4079.2  | 3765.3 | 3456.6 |
| 35°    | 16807.2  | 13723.4  | 10630.4 | 8448.0  | 6716.9  | 5925.3  | 5318.2  | 4917.2  | 4471.3  | 4026.5 | 3688.0 |
| 32.5°  | 23462.2  | 19528.9  | 15382.6 | 11844.7 | 8837.0  | 6906.4  | 5925.3  | 5281.6  | 4846.1  | 4355.8 | 3921.9 |
| 30°    | 30647.3  | 25964.5  | 21194.9 | 16357.3 | 12253.1 | 8837.0  | 6716.9  | 5795.2  | 5172.9  | 4696.3 | 4165.6 |
| 27.5°  | 38770.4  | 32664.9  | 27249.7 | 21755.9 | 16357.3 | 11844.7 | 8448.0  | 6369.8  | 5537.9  | 4994.1 | 4465.3 |
| 25°    | 47657.1  | 40465.0  | 33480.2 | 27249.7 | 21194.9 | 15382.6 | 10630.4 | 7679.8  | 6042.4  | 5264.3 | 4744.9 |
| 22.5°  | 57266.0  | 48697.6  | 40465.0 | 32664.9 | 25964.5 | 19528.9 | 13723.4 | 9100.7  | 6550.7  | 5594.3 | 4981.1 |
| 20°    | 68647.0  | 57266.0  | 47657.1 | 38770.4 | 30647.3 | 23462.2 | 16807.2 | 11291.1 | 7763.0  | 5992.2 | 5192.9 |
| 17.5°  | 83532.7  | 67153.5  | 54730.7 | 44579.5 | 35445.6 | 27403.2 | 20125.7 | 13687.9 | 8856.6  | 6350.3 | 5383.0 |
| 15°    | 99153.5  | 78628.5  | 62749.8 | 50480.3 | 40105.6 | 30945.0 | 23077.4 | 15830.3 | 10108.9 | 6990.8 | 5657.3 |
| 12.5°  | 114976.0 | 91153.5  | 70072.5 | 55656.2 | 44333.1 | 34344.0 | 25840.5 | 18183.8 | 11799.5 | 7758.4 | 5907.4 |
| 10°    | 129429.0 | 102605.7 | 78807.5 | 61308.1 | 48322.4 | 37472.3 | 28204.2 | 20143.6 | 13204.2 | 8395.0 | 6114.6 |
| 7.5°   | 143851.9 | 112579.6 | 86611.2 | 65830.6 | 51497.3 | 39953.6 | 30073.9 | 21690.3 | 14310.7 | 8895.6 | 6277.3 |
| 5°     | 154567.3 | 119932.6 | 92331.2 | 69130.9 | 53806.2 | 41753.0 | 31426.8 | 22807.5 | 15108.8 | 9256.3 | 6394.4 |
| 2.5°   | 161179.3 | 124443.6 | 95825.5 | 71140.5 | 55208.8 | 42844.0 | 32245.8 | 23483.0 | 15590.8 | 9473.9 | 6465.0 |
| 0°     | 163415.8 | 125964.7 | 97001.1 | 71815.5 | 55679.2 | 43209.6 | 32520.0 | 23709.0 | 15752.0 | 9546.7 | 6488.6 |
| -2.5°  | 161179.3 | 124443.6 | 95825.5 | 71140.5 | 55208.8 | 42844.0 | 32245.8 | 23483.0 | 15590.8 | 9473.9 | 6465.0 |
| -5°    | 154567.3 | 119932.6 | 92331.2 | 69130.9 | 53806.2 | 41753.0 | 31426.8 | 22807.5 | 15108.8 | 9256.3 | 6394.4 |
| -7.5°  | 143851.9 | 112579.6 | 86611.2 | 65830.6 | 51497.3 | 39953.6 | 30073.9 | 21690.3 | 14310.7 | 8895.6 | 6277.3 |
| -10°   | 129429.0 | 102605.7 | 78807.5 | 61308.1 | 48322.4 | 37472.3 | 28204.2 | 20143.6 | 13204.2 | 8395.0 | 6114.6 |
| -12.5° | 114976.0 | 91153.5  | 70072.5 | 55656.2 | 44333.1 | 34344.0 | 25840.5 | 18183.8 | 11799.5 | 7758.4 | 5907.4 |
| -15°   | 99153.5  | 78628.5  | 62749.8 | 50480.3 | 40105.6 | 30945.0 | 23077.4 | 15830.3 | 10108.9 | 6990.8 | 5657.3 |
| -17.5° | 83532.7  | 67153.5  | 54730.7 | 44579.5 | 35445.6 | 27403.2 | 20125.7 | 13687.9 | 8856.6  | 6350.3 | 5383.0 |
| -20°   | 68647.0  | 57266.0  | 47657.1 | 38770.4 | 30647.3 | 23462.2 | 16807.2 | 11291.1 | 7763.0  | 5992.2 | 5192.9 |



REPORT NUMBER: P1306521 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS16-1200R-40-80-4S-A

**CANDELA DISTRIBUTION (continued):**

|        | 20°     | 22.5°   | 25°     | 27.5°   | 30°     | 32.5°   | 35°     | 37.5°  | 40°    | 42.5°  | 45°    |
|--------|---------|---------|---------|---------|---------|---------|---------|--------|--------|--------|--------|
| -22.5° | 57266.0 | 48697.6 | 40465.0 | 32664.9 | 25964.5 | 19528.9 | 13723.4 | 9100.7 | 6550.7 | 5594.3 | 4981.1 |
| -25°   | 47657.1 | 40465.0 | 33480.2 | 27249.7 | 21194.9 | 15382.6 | 10630.4 | 7679.8 | 6042.4 | 5264.3 | 4744.9 |
| -27.5° | 38770.4 | 32664.9 | 27249.7 | 21755.9 | 16357.3 | 11844.7 | 8448.0  | 6369.8 | 5537.9 | 4994.1 | 4465.3 |
| -30°   | 30647.3 | 25964.5 | 21194.9 | 16357.3 | 12253.1 | 8837.0  | 6716.9  | 5795.2 | 5172.9 | 4696.3 | 4165.6 |
| -32.5° | 23462.2 | 19528.9 | 15382.6 | 11844.7 | 8837.0  | 6906.4  | 5925.3  | 5281.6 | 4846.1 | 4355.8 | 3921.9 |
| -35°   | 16807.2 | 13723.4 | 10630.4 | 8448.0  | 6716.9  | 5925.3  | 5318.2  | 4917.2 | 4471.3 | 4026.5 | 3688.0 |
| -37.5° | 11291.1 | 9100.7  | 7679.8  | 6369.8  | 5795.2  | 5281.6  | 4917.2  | 4510.1 | 4079.2 | 3765.3 | 3456.6 |
| -40°   | 7763.0  | 6550.7  | 6042.4  | 5537.9  | 5172.9  | 4846.1  | 4471.3  | 4079.2 | 3791.2 | 3503.2 | 3222.0 |
| -42.5° | 5992.2  | 5594.3  | 5264.3  | 4994.1  | 4696.3  | 4355.8  | 4026.5  | 3765.3 | 3503.2 | 3244.9 | 2953.6 |
| -45°   | 5192.9  | 4981.1  | 4744.9  | 4465.3  | 4165.6  | 3921.9  | 3688.0  | 3456.6 | 3222.0 | 2953.6 | 2669.2 |
| -47.5° | 4621.3  | 4403.4  | 4164.1  | 3961.7  | 3767.4  | 3564.8  | 3364.1  | 3151.4 | 2902.6 | 2642.3 | 2355.8 |
| -50°   | 4027.6  | 3887.4  | 3733.2  | 3569.4  | 3403.9  | 3227.4  | 3023.7  | 2801.4 | 2561.9 | 2302.8 | 2037.2 |
| -52.5° | 3592.7  | 3474.2  | 3343.6  | 3201.5  | 3032.6  | 2847.7  | 2650.3  | 2429.2 | 2197.6 | 1961.2 | 1717.8 |
| -55°   | 3189.6  | 3069.2  | 2933.5  | 2785.6  | 2623.0  | 2440.3  | 2246.2  | 2044.3 | 1835.8 | 1618.1 | 1415.8 |
| -57.5° | 2734.1  | 2618.3  | 2485.3  | 2340.2  | 2183.4  | 2018.9  | 1845.7  | 1662.6 | 1485.8 | 1306.3 | 1124.6 |
| -60°   | 2246.2  | 2136.6  | 2018.9  | 1890.5  | 1751.5  | 1603.8  | 1462.3  | 1312.6 | 1155.1 | 1016.1 | 871.9  |
| -62.5° | 1763.2  | 1667.0  | 1566.2  | 1462.3  | 1349.7  | 1228.9  | 1108.4  | 994.0  | 873.5  | 750.2  | 645.0  |
| -65°   | 1317.8  | 1240.6  | 1155.1  | 1075.9  | 990.8   | 899.3   | 801.8   | 711.2  | 624.2  | 532.9  | 442.4  |
| -67.5° | 929.6   | 871.9   | 807.9   | 742.7   | 682.0   | 616.7   | 547.1   | 473.1  | 414.8  | 361.5  | 305.8  |
| -70°   | 606.5   | 565.9   | 520.8   | 471.4   | 429.6   | 392.1   | 352.0   | 309.4  | 264.5  | 228.5  | 196.4  |
| -72.5° | 363.6   | 340.6   | 315.1   | 287.2   | 256.9   | 233.0   | 210.3   | 186.2  | 160.7  | 134.0  | 111.5  |
| -75°   | 200.6   | 187.9   | 173.8   | 158.3   | 141.5   | 123.4   | 110.4   | 99.5   | 87.9   | 75.8   | 63.0   |
| -77.5° | 96.3    | 90.7    | 84.5    | 77.7    | 70.3    | 62.3    | 53.7    | 46.8   | 44.0   | 40.9   | 37.7   |
| -80°   | 42.7    | 41.3    | 39.8    | 38.2    | 36.4    | 34.5    | 32.4    | 30.2   | 27.9   | 25.7   | 23.7   |
| -82.5° | 23.7    | 22.9    | 22.0    | 21.0    | 20.0    | 18.9    | 17.7    | 16.4   | 15.0   | 13.6   | 12.1   |
| -85°   | 9.2     | 9.0     | 8.7     | 8.4     | 8.1     | 7.8     | 7.5     | 7.1    | 6.7    | 6.3    | 5.8    |
| -87.5° | 2.6     | 2.6     | 2.5     | 2.5     | 2.4     | 2.4     | 2.3     | 2.2    | 2.1    | 2.1    | 2.0    |
| -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: P1306521 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS16-1200R-40-80-4S-A

**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°  | 1.9    | 1.8    | 1.7    | 1.6    | 1.5    | 1.4    | 1.3    | 1.2    | 1.1    | 1.0   | 0.8   |
| 85°    | 5.4    | 4.9    | 4.4    | 3.9    | 3.3    | 2.8    | 2.6    | 2.4    | 2.1    | 1.9   | 1.7   |
| 82.5°  | 10.5   | 9.6    | 8.8    | 8.0    | 7.2    | 6.4    | 5.6    | 4.7    | 3.9    | 3.0   | 2.5   |
| 80°    | 21.6   | 19.5   | 17.2   | 14.9   | 12.4   | 10.0   | 8.9    | 7.8    | 6.6    | 5.4   | 4.2   |
| 77.5°  | 34.4   | 30.9   | 27.3   | 24.3   | 21.2   | 18.2   | 15.0   | 11.7   | 9.4    | 7.9   | 6.4   |
| 75°    | 49.8   | 44.2   | 39.9   | 35.5   | 30.9   | 26.3   | 22.5   | 18.6   | 14.6   | 10.6  | 8.5   |
| 72.5°  | 95.9   | 79.8   | 63.1   | 47.2   | 41.9   | 36.4   | 30.8   | 25.4   | 20.8   | 16.1  | 11.3  |
| 70°    | 162.9  | 128.2  | 104.2  | 84.5   | 64.3   | 46.5   | 40.1   | 33.5   | 26.9   | 21.5  | 16.1  |
| 67.5°  | 248.3  | 209.2  | 168.8  | 127.1  | 100.0  | 76.6   | 52.8   | 42.0   | 34.5   | 26.9  | 20.8  |
| 65°    | 377.8  | 310.9  | 244.4  | 198.1  | 150.6  | 109.3  | 82.8   | 55.9   | 42.0   | 33.5  | 25.4  |
| 62.5°  | 535.6  | 432.6  | 356.5  | 278.2  | 215.8  | 162.3  | 112.4  | 82.8   | 52.8   | 40.1  | 30.8  |
| 60°    | 730.2  | 606.5  | 479.0  | 384.0  | 296.5  | 221.7  | 162.3  | 109.3  | 76.6   | 46.5  | 36.4  |
| 57.5°  | 962.0  | 794.0  | 649.4  | 507.4  | 393.2  | 296.5  | 215.8  | 150.6  | 100.0  | 64.3  | 41.9  |
| 55°    | 1206.7 | 1016.6 | 830.1  | 663.7  | 507.4  | 384.0  | 278.2  | 198.1  | 127.1  | 84.5  | 47.2  |
| 52.5°  | 1482.0 | 1250.5 | 1034.8 | 830.1  | 649.4  | 479.0  | 356.5  | 244.4  | 168.8  | 104.2 | 63.1  |
| 50°    | 1768.0 | 1504.2 | 1250.5 | 1016.6 | 794.0  | 606.5  | 432.6  | 310.9  | 209.2  | 128.2 | 79.8  |
| 47.5°  | 2062.6 | 1768.0 | 1482.0 | 1206.7 | 962.0  | 730.2  | 535.6  | 377.8  | 248.3  | 162.9 | 95.9  |
| 45°    | 2355.8 | 2037.2 | 1717.8 | 1415.8 | 1124.6 | 871.9  | 645.0  | 442.4  | 305.8  | 196.4 | 111.5 |
| 42.5°  | 2642.3 | 2302.8 | 1961.2 | 1618.1 | 1306.3 | 1016.1 | 750.2  | 532.9  | 361.5  | 228.5 | 134.0 |
| 40°    | 2902.6 | 2561.9 | 2197.6 | 1835.8 | 1485.8 | 1155.1 | 873.5  | 624.2  | 414.8  | 264.5 | 160.7 |
| 37.5°  | 3151.4 | 2801.4 | 2429.2 | 2044.3 | 1662.6 | 1312.6 | 994.0  | 711.2  | 473.1  | 309.4 | 186.2 |
| 35°    | 3364.1 | 3023.7 | 2650.3 | 2246.2 | 1845.7 | 1462.3 | 1108.4 | 801.8  | 547.1  | 352.0 | 210.3 |
| 32.5°  | 3564.8 | 3227.4 | 2847.7 | 2440.3 | 2018.9 | 1603.8 | 1228.9 | 899.3  | 616.7  | 392.1 | 233.0 |
| 30°    | 3767.4 | 3403.9 | 3032.6 | 2623.0 | 2183.4 | 1751.5 | 1349.7 | 990.8  | 682.0  | 429.6 | 256.9 |
| 27.5°  | 3961.7 | 3569.4 | 3201.5 | 2785.6 | 2340.2 | 1890.5 | 1462.3 | 1075.9 | 742.7  | 471.4 | 287.2 |
| 25°    | 4164.1 | 3733.2 | 3343.6 | 2933.5 | 2485.3 | 2018.9 | 1566.2 | 1155.1 | 807.9  | 520.8 | 315.1 |
| 22.5°  | 4403.4 | 3887.4 | 3474.2 | 3069.2 | 2618.3 | 2136.6 | 1667.0 | 1240.6 | 871.9  | 565.9 | 340.6 |
| 20°    | 4621.3 | 4027.6 | 3592.7 | 3189.6 | 2734.1 | 2246.2 | 1763.2 | 1317.8 | 929.6  | 606.5 | 363.6 |
| 17.5°  | 4813.4 | 4179.0 | 3706.4 | 3286.7 | 2834.4 | 2343.9 | 1848.9 | 1386.5 | 980.9  | 642.6 | 384.0 |
| 15°    | 4967.7 | 4337.0 | 3807.5 | 3371.7 | 2922.2 | 2429.2 | 1923.8 | 1446.5 | 1025.7 | 674.1 | 401.8 |
| 12.5°  | 5100.0 | 4472.2 | 3893.9 | 3444.3 | 2997.0 | 2502.0 | 1987.6 | 1497.5 | 1063.8 | 700.9 | 416.9 |
| 10°    | 5209.3 | 4583.9 | 3965.2 | 3504.2 | 3058.7 | 2561.9 | 2040.1 | 1539.5 | 1095.2 | 722.9 | 429.3 |
| 7.5°   | 5295.1 | 4671.4 | 4021.1 | 3551.0 | 3106.9 | 2608.7 | 2081.0 | 1572.3 | 1119.6 | 740.0 | 439.0 |
| 5°     | 5356.8 | 4734.3 | 4061.2 | 3584.6 | 3141.5 | 2642.3 | 2110.4 | 1595.8 | 1137.2 | 752.3 | 445.9 |
| 2.5°   | 5394.0 | 4772.1 | 4085.3 | 3604.8 | 3162.4 | 2662.5 | 2128.1 | 1609.9 | 1147.7 | 759.7 | 450.1 |
| 0°     | 5406.4 | 4784.8 | 4093.4 | 3611.6 | 3169.3 | 2669.2 | 2134.0 | 1614.6 | 1151.2 | 762.2 | 451.5 |
| -2.5°  | 5394.0 | 4772.1 | 4085.3 | 3604.8 | 3162.4 | 2662.5 | 2128.1 | 1609.9 | 1147.7 | 759.7 | 450.1 |
| -5°    | 5356.8 | 4734.3 | 4061.2 | 3584.6 | 3141.5 | 2642.3 | 2110.4 | 1595.8 | 1137.2 | 752.3 | 445.9 |
| -7.5°  | 5295.1 | 4671.4 | 4021.1 | 3551.0 | 3106.9 | 2608.7 | 2081.0 | 1572.3 | 1119.6 | 740.0 | 439.0 |
| -10°   | 5209.3 | 4583.9 | 3965.2 | 3504.2 | 3058.7 | 2561.9 | 2040.1 | 1539.5 | 1095.2 | 722.9 | 429.3 |
| -12.5° | 5100.0 | 4472.2 | 3893.9 | 3444.3 | 2997.0 | 2502.0 | 1987.6 | 1497.5 | 1063.8 | 700.9 | 416.9 |
| -15°   | 4967.7 | 4337.0 | 3807.5 | 3371.7 | 2922.2 | 2429.2 | 1923.8 | 1446.5 | 1025.7 | 674.1 | 401.8 |
| -17.5° | 4813.4 | 4179.0 | 3706.4 | 3286.7 | 2834.4 | 2343.9 | 1848.9 | 1386.5 | 980.9  | 642.6 | 384.0 |
| -20°   | 4621.3 | 4027.6 | 3592.7 | 3189.6 | 2734.1 | 2246.2 | 1763.2 | 1317.8 | 929.6  | 606.5 | 363.6 |



REPORT NUMBER: P1306521 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS16-1200R-40-80-4S-A

**CANDELA DISTRIBUTION (continued):**

|        | 47.5°  | 50°    | 52.5°  | 55°    | 57.5°  | 60°    | 62.5°  | 65°    | 67.5° | 70°   | 72.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|
| -22.5° | 4403.4 | 3887.4 | 3474.2 | 3069.2 | 2618.3 | 2136.6 | 1667.0 | 1240.6 | 871.9 | 565.9 | 340.6 |
| -25°   | 4164.1 | 3733.2 | 3343.6 | 2933.5 | 2485.3 | 2018.9 | 1566.2 | 1155.1 | 807.9 | 520.8 | 315.1 |
| -27.5° | 3961.7 | 3569.4 | 3201.5 | 2785.6 | 2340.2 | 1890.5 | 1462.3 | 1075.9 | 742.7 | 471.4 | 287.2 |
| -30°   | 3767.4 | 3403.9 | 3032.6 | 2623.0 | 2183.4 | 1751.5 | 1349.7 | 990.8  | 682.0 | 429.6 | 256.9 |
| -32.5° | 3564.8 | 3227.4 | 2847.7 | 2440.3 | 2018.9 | 1603.8 | 1228.9 | 899.3  | 616.7 | 392.1 | 233.0 |
| -35°   | 3364.1 | 3023.7 | 2650.3 | 2246.2 | 1845.7 | 1462.3 | 1108.4 | 801.8  | 547.1 | 352.0 | 210.3 |
| -37.5° | 3151.4 | 2801.4 | 2429.2 | 2044.3 | 1662.6 | 1312.6 | 994.0  | 711.2  | 473.1 | 309.4 | 186.2 |
| -40°   | 2902.6 | 2561.9 | 2197.6 | 1835.8 | 1485.8 | 1155.1 | 873.5  | 624.2  | 414.8 | 264.5 | 160.7 |
| -42.5° | 2642.3 | 2302.8 | 1961.2 | 1618.1 | 1306.3 | 1016.1 | 750.2  | 532.9  | 361.5 | 228.5 | 134.0 |
| -45°   | 2355.8 | 2037.2 | 1717.8 | 1415.8 | 1124.6 | 871.9  | 645.0  | 442.4  | 305.8 | 196.4 | 111.5 |
| -47.5° | 2062.6 | 1768.0 | 1482.0 | 1206.7 | 962.0  | 730.2  | 535.6  | 377.8  | 248.3 | 162.9 | 95.9  |
| -50°   | 1768.0 | 1504.2 | 1250.5 | 1016.6 | 794.0  | 606.5  | 432.6  | 310.9  | 209.2 | 128.2 | 79.8  |
| -52.5° | 1482.0 | 1250.5 | 1034.8 | 830.1  | 649.4  | 479.0  | 356.5  | 244.4  | 168.8 | 104.2 | 63.1  |
| -55°   | 1206.7 | 1016.6 | 830.1  | 663.7  | 507.4  | 384.0  | 278.2  | 198.1  | 127.1 | 84.5  | 47.2  |
| -57.5° | 962.0  | 794.0  | 649.4  | 507.4  | 393.2  | 296.5  | 215.8  | 150.6  | 100.0 | 64.3  | 41.9  |
| -60°   | 730.2  | 606.5  | 479.0  | 384.0  | 296.5  | 221.7  | 162.3  | 109.3  | 76.6  | 46.5  | 36.4  |
| -62.5° | 535.6  | 432.6  | 356.5  | 278.2  | 215.8  | 162.3  | 112.4  | 82.8   | 52.8  | 40.1  | 30.8  |
| -65°   | 377.8  | 310.9  | 244.4  | 198.1  | 150.6  | 109.3  | 82.8   | 55.9   | 42.0  | 33.5  | 25.4  |
| -67.5° | 248.3  | 209.2  | 168.8  | 127.1  | 100.0  | 76.6   | 52.8   | 42.0   | 34.5  | 26.9  | 20.8  |
| -70°   | 162.9  | 128.2  | 104.2  | 84.5   | 64.3   | 46.5   | 40.1   | 33.5   | 26.9  | 21.5  | 16.1  |
| -72.5° | 95.9   | 79.8   | 63.1   | 47.2   | 41.9   | 36.4   | 30.8   | 25.4   | 20.8  | 16.1  | 11.3  |
| -75°   | 49.8   | 44.2   | 39.9   | 35.5   | 30.9   | 26.3   | 22.5   | 18.6   | 14.6  | 10.6  | 8.5   |
| -77.5° | 34.4   | 30.9   | 27.3   | 24.3   | 21.2   | 18.2   | 15.0   | 11.7   | 9.4   | 7.9   | 6.4   |
| -80°   | 21.6   | 19.5   | 17.2   | 14.9   | 12.4   | 10.0   | 8.9    | 7.8    | 6.6   | 5.4   | 4.2   |
| -82.5° | 10.5   | 9.6    | 8.8    | 8.0    | 7.2    | 6.4    | 5.6    | 4.7    | 3.9   | 3.0   | 2.5   |
| -85°   | 5.4    | 4.9    | 4.4    | 3.9    | 3.3    | 2.8    | 2.6    | 2.4    | 2.1   | 1.9   | 1.7   |
| -87.5° | 1.9    | 1.8    | 1.7    | 1.6    | 1.5    | 1.4    | 1.3    | 1.2    | 1.1   | 1.0   | 0.8   |
| -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: P1306521 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS16-1200R-40-80-4S-A

**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°  | 0.7   | 0.6   | 0.5  | 0.4   | 0.2  | 0.1   | 0.0 |
| 85°    | 1.4   | 1.2   | 1.0  | 0.7   | 0.5  | 0.2   | 0.0 |
| 82.5°  | 2.2   | 1.8   | 1.5  | 1.1   | 0.7  | 0.4   | 0.0 |
| 80°    | 3.0   | 2.4   | 1.9  | 1.5   | 1.0  | 0.5   | 0.0 |
| 77.5°  | 4.9   | 3.3   | 2.4  | 1.8   | 1.2  | 0.6   | 0.0 |
| 75°    | 6.7   | 4.9   | 3.0  | 2.2   | 1.4  | 0.7   | 0.0 |
| 72.5°  | 8.5   | 6.4   | 4.2  | 2.5   | 1.7  | 0.8   | 0.0 |
| 70°    | 10.6  | 7.9   | 5.4  | 3.0   | 1.9  | 1.0   | 0.0 |
| 67.5°  | 14.6  | 9.4   | 6.6  | 3.9   | 2.1  | 1.1   | 0.0 |
| 65°    | 18.6  | 11.7  | 7.8  | 4.7   | 2.4  | 1.2   | 0.0 |
| 62.5°  | 22.5  | 15.0  | 8.9  | 5.6   | 2.6  | 1.3   | 0.0 |
| 60°    | 26.3  | 18.2  | 10.0 | 6.4   | 2.8  | 1.4   | 0.0 |
| 57.5°  | 30.9  | 21.2  | 12.4 | 7.2   | 3.3  | 1.5   | 0.0 |
| 55°    | 35.5  | 24.3  | 14.9 | 8.0   | 3.9  | 1.6   | 0.0 |
| 52.5°  | 39.9  | 27.3  | 17.2 | 8.8   | 4.4  | 1.7   | 0.0 |
| 50°    | 44.2  | 30.9  | 19.5 | 9.6   | 4.9  | 1.8   | 0.0 |
| 47.5°  | 49.8  | 34.4  | 21.6 | 10.5  | 5.4  | 1.9   | 0.0 |
| 45°    | 63.0  | 37.7  | 23.7 | 12.1  | 5.8  | 2.0   | 0.0 |
| 42.5°  | 75.8  | 40.9  | 25.7 | 13.6  | 6.3  | 2.1   | 0.0 |
| 40°    | 87.9  | 44.0  | 27.9 | 15.0  | 6.7  | 2.1   | 0.0 |
| 37.5°  | 99.5  | 46.8  | 30.2 | 16.4  | 7.1  | 2.2   | 0.0 |
| 35°    | 110.4 | 53.7  | 32.4 | 17.7  | 7.5  | 2.3   | 0.0 |
| 32.5°  | 123.4 | 62.3  | 34.5 | 18.9  | 7.8  | 2.4   | 0.0 |
| 30°    | 141.5 | 70.3  | 36.4 | 20.0  | 8.1  | 2.4   | 0.0 |
| 27.5°  | 158.3 | 77.7  | 38.2 | 21.0  | 8.4  | 2.5   | 0.0 |
| 25°    | 173.8 | 84.5  | 39.8 | 22.0  | 8.7  | 2.5   | 0.0 |
| 22.5°  | 187.9 | 90.7  | 41.3 | 22.9  | 9.0  | 2.6   | 0.0 |
| 20°    | 200.6 | 96.3  | 42.7 | 23.7  | 9.2  | 2.6   | 0.0 |
| 17.5°  | 211.9 | 101.3 | 43.9 | 24.4  | 9.4  | 2.7   | 0.0 |
| 15°    | 221.7 | 105.6 | 44.9 | 25.0  | 9.6  | 2.7   | 0.0 |
| 12.5°  | 230.1 | 109.3 | 45.8 | 25.5  | 9.8  | 2.7   | 0.0 |
| 10°    | 236.9 | 112.3 | 46.5 | 25.9  | 9.9  | 2.8   | 0.0 |
| 7.5°   | 242.3 | 114.7 | 47.1 | 26.3  | 10.0 | 2.8   | 0.0 |
| 5°     | 246.1 | 116.3 | 47.5 | 26.5  | 10.0 | 2.8   | 0.0 |
| 2.5°   | 248.4 | 117.4 | 47.7 | 26.7  | 10.1 | 2.8   | 0.0 |
| 0°     | 249.2 | 117.7 | 47.8 | 26.7  | 10.1 | 2.8   | 0.0 |
| -2.5°  | 248.4 | 117.4 | 47.7 | 26.7  | 10.1 | 2.8   | 0.0 |
| -5°    | 246.1 | 116.3 | 47.5 | 26.5  | 10.0 | 2.8   | 0.0 |
| -7.5°  | 242.3 | 114.7 | 47.1 | 26.3  | 10.0 | 2.8   | 0.0 |
| -10°   | 236.9 | 112.3 | 46.5 | 25.9  | 9.9  | 2.8   | 0.0 |
| -12.5° | 230.1 | 109.3 | 45.8 | 25.5  | 9.8  | 2.7   | 0.0 |
| -15°   | 221.7 | 105.6 | 44.9 | 25.0  | 9.6  | 2.7   | 0.0 |
| -17.5° | 211.9 | 101.3 | 43.9 | 24.4  | 9.4  | 2.7   | 0.0 |
| -20°   | 200.6 | 96.3  | 42.7 | 23.7  | 9.2  | 2.6   | 0.0 |



REPORT NUMBER: P1306521 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS16-1200R-40-80-4S-A

**CANDELA DISTRIBUTION (continued):**

|        | 75°   | 77.5° | 80°  | 82.5° | 85° | 87.5° | 90° |
|--------|-------|-------|------|-------|-----|-------|-----|
| -22.5° | 187.9 | 90.7  | 41.3 | 22.9  | 9.0 | 2.6   | 0.0 |
| -25°   | 173.8 | 84.5  | 39.8 | 22.0  | 8.7 | 2.5   | 0.0 |
| -27.5° | 158.3 | 77.7  | 38.2 | 21.0  | 8.4 | 2.5   | 0.0 |
| -30°   | 141.5 | 70.3  | 36.4 | 20.0  | 8.1 | 2.4   | 0.0 |
| -32.5° | 123.4 | 62.3  | 34.5 | 18.9  | 7.8 | 2.4   | 0.0 |
| -35°   | 110.4 | 53.7  | 32.4 | 17.7  | 7.5 | 2.3   | 0.0 |
| -37.5° | 99.5  | 46.8  | 30.2 | 16.4  | 7.1 | 2.2   | 0.0 |
| -40°   | 87.9  | 44.0  | 27.9 | 15.0  | 6.7 | 2.1   | 0.0 |
| -42.5° | 75.8  | 40.9  | 25.7 | 13.6  | 6.3 | 2.1   | 0.0 |
| -45°   | 63.0  | 37.7  | 23.7 | 12.1  | 5.8 | 2.0   | 0.0 |
| -47.5° | 49.8  | 34.4  | 21.6 | 10.5  | 5.4 | 1.9   | 0.0 |
| -50°   | 44.2  | 30.9  | 19.5 | 9.6   | 4.9 | 1.8   | 0.0 |
| -52.5° | 39.9  | 27.3  | 17.2 | 8.8   | 4.4 | 1.7   | 0.0 |
| -55°   | 35.5  | 24.3  | 14.9 | 8.0   | 3.9 | 1.6   | 0.0 |
| -57.5° | 30.9  | 21.2  | 12.4 | 7.2   | 3.3 | 1.5   | 0.0 |
| -60°   | 26.3  | 18.2  | 10.0 | 6.4   | 2.8 | 1.4   | 0.0 |
| -62.5° | 22.5  | 15.0  | 8.9  | 5.6   | 2.6 | 1.3   | 0.0 |
| -65°   | 18.6  | 11.7  | 7.8  | 4.7   | 2.4 | 1.2   | 0.0 |
| -67.5° | 14.6  | 9.4   | 6.6  | 3.9   | 2.1 | 1.1   | 0.0 |
| -70°   | 10.6  | 7.9   | 5.4  | 3.0   | 1.9 | 1.0   | 0.0 |
| -72.5° | 8.5   | 6.4   | 4.2  | 2.5   | 1.7 | 0.8   | 0.0 |
| -75°   | 6.7   | 4.9   | 3.0  | 2.2   | 1.4 | 0.7   | 0.0 |
| -77.5° | 4.9   | 3.3   | 2.4  | 1.8   | 1.2 | 0.6   | 0.0 |
| -80°   | 3.0   | 2.4   | 1.9  | 1.5   | 1.0 | 0.5   | 0.0 |
| -82.5° | 2.2   | 1.8   | 1.5  | 1.1   | 0.7 | 0.4   | 0.0 |
| -85°   | 1.4   | 1.2   | 1.0  | 0.7   | 0.5 | 0.2   | 0.0 |
| -87.5° | 0.7   | 0.6   | 0.5  | 0.4   | 0.2 | 0.1   | 0.0 |
| -90°   | 0.0   | 0.0   | 0.0  | 0.0   | 0.0 | 0.0   | 0.0 |

(END OF REPORT)