

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: P731307 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-LS-08-0320N-40-70-1S-CV2**

Issue Date: 11/16/2023

**Test Information**

Test Method: LM-79-08  
Report Number: P731307 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2308-133-3)  
Test Lab: INNOVATION CENTER  
Issue Date: 11/16/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHESUS  
Catalog Number: EPH-LS-08-0320N-40-70-1S-CV2  
Description: EPHESUS LUMASPORT 8 INTEGRAL LUMINAIRE  
(8) 4000K, 70 CRI LEDS AND 1S BEAM SHAPE WITH 2 LOUVER CUTOFF VISOR  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

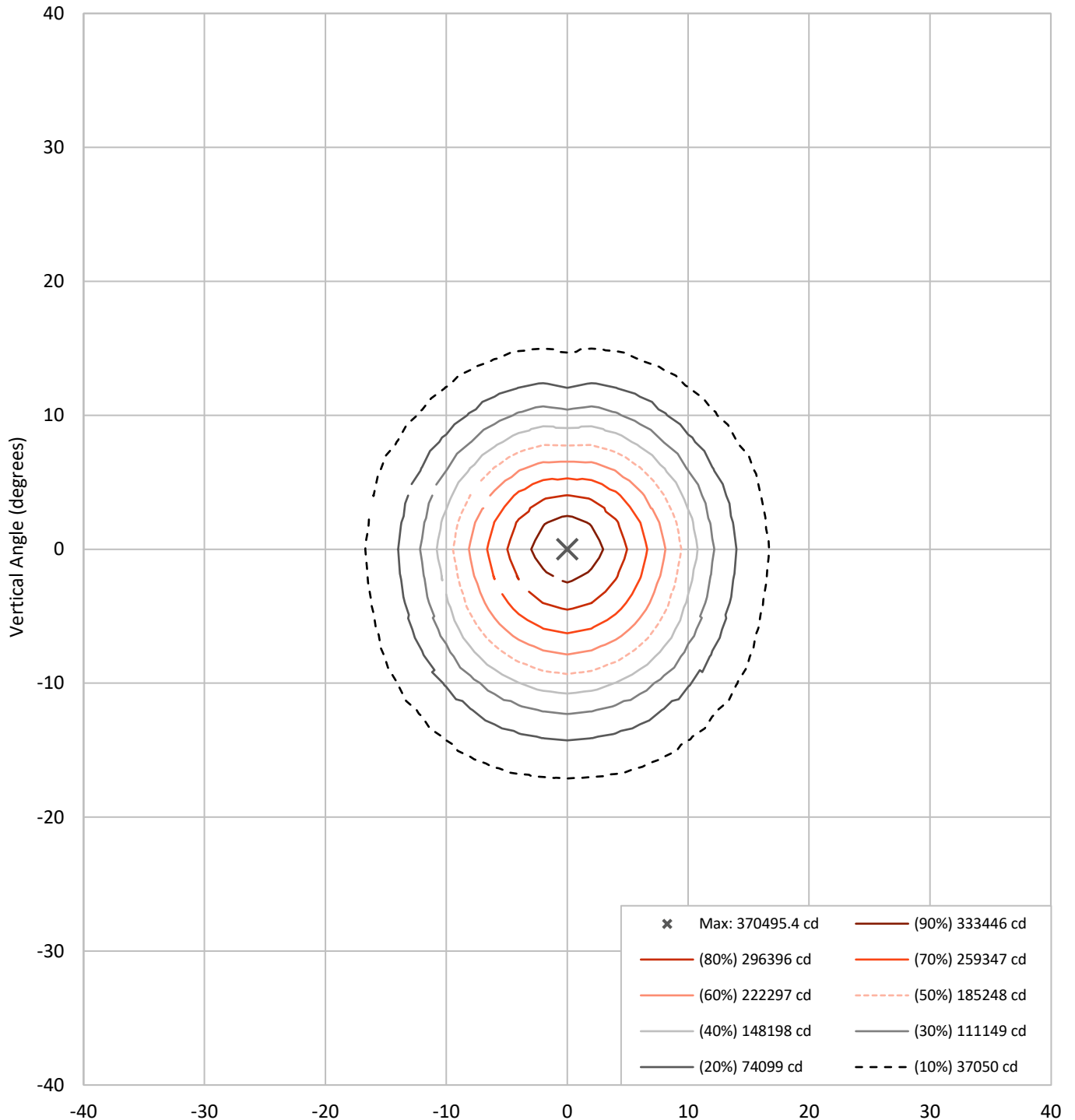
**Summary**

|                   |                                      |                      |                  |
|-------------------|--------------------------------------|----------------------|------------------|
| Lumens per Lamp:  | N/A                                  | NEMA Type:           | 3H x 3V          |
| Luminaire Lumens: | 42714.9 lumens                       | Max Intensity:       | 370495.4 candela |
| Efficiency:       | N/A                                  | Max Intensity Angle: | 0°H x 0°V        |
| Efficacy:         | 124.5 lumens/watt                    |                      |                  |
| Luminous Opening: | Rectangular (W 1.5' x L: 1' x H: 0') |                      |                  |
| Beam Angle (50%): | 18.9°H x 17.1°V                      | Field Angle (10%):   | 33.2°H x 31.5°V  |
| Beam Lumens:      | 19675.5 lumens                       | Field Lumens:        | 36166.5 lumens   |
| Beam Efficiency:  | 46.1%                                | Field Efficiency:    | 84.7%            |

Input Watts (W): 343.2  
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





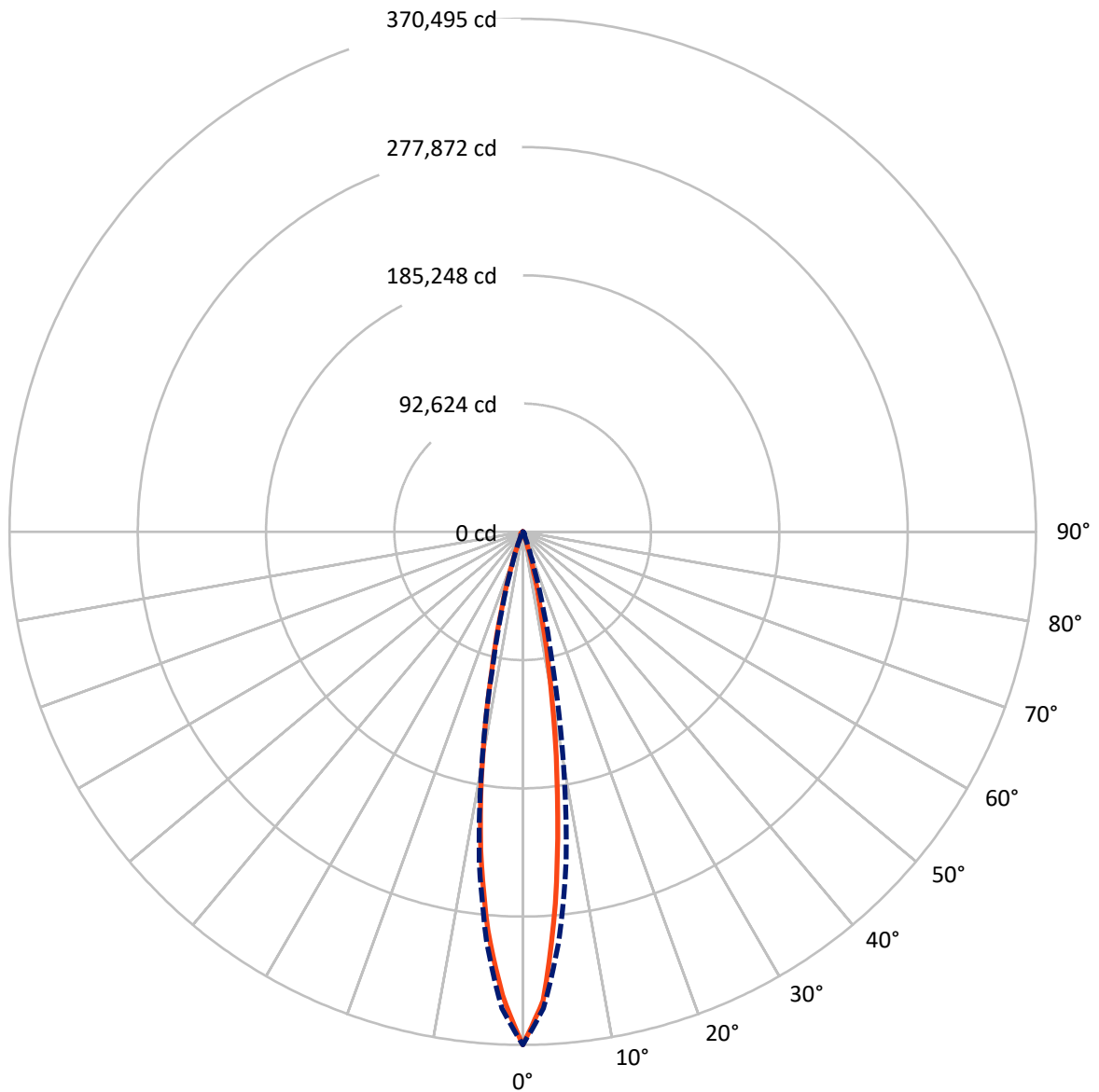
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### Lumen Table

|     |     |     |     |      |      |       |        |        |        |        |       |      |      |     |     |     |  |
|-----|-----|-----|-----|------|------|-------|--------|--------|--------|--------|-------|------|------|-----|-----|-----|--|
| 90  | 0.1 | 0.2 | 0.3 | 0.3  | 0.4  | 0.3   | 0.3    | 0.2    | 0.1    |        |       |      |      |     |     |     |  |
| 80  | 0.1 | 0.2 | 0.3 | 0.3  | 0.4  | 0.3   | 0.3    | 0.2    | 0.1    |        |       |      |      |     |     |     |  |
| 70  | 0.1 | 0.1 | 0.1 | 0.3  | 0.4  | 0.2   | 0.2    | 0.2    | 0.2    | 0.2    | 0.2   | 0.4  | 0.3  | 0.1 | 0.1 | 0.1 |  |
| 60  |     | 0.1 | 0.2 | 0.4  | 0.3  | 0.2   | 0.1    | 0.2    | 0.2    | 0.1    | 0.2   | 0.3  | 0.4  | 0.2 | 0.1 |     |  |
| 50  | 0.1 | 0.1 | 0.2 | 0.3  | 0.3  | 0.5   | 0.6    | 0.7    | 0.7    | 0.6    | 0.5   | 0.3  | 0.3  | 0.2 | 0.1 | 0.1 |  |
| 40  |     | 0.1 | 0.5 | 0.9  | 2.1  | 3.2   | 3.4    | 4.0    | 4.0    | 3.4    | 3.2   | 2.1  | 0.9  | 0.5 | 0.1 |     |  |
| 30  | 0.1 | 0.2 | 1.5 | 5.2  | 13.8 | 16.8  | 22.2   | 41.3   | 41.3   | 22.2   | 16.8  | 13.8 | 5.2  | 1.5 | 0.2 | 0.1 |  |
| 20  |     | 0.5 | 3.3 | 13.5 | 29.4 | 41.3  | 282.1  | 1134.3 | 1134.3 | 282.1  | 41.3  | 29.4 | 13.5 | 3.3 | 0.5 |     |  |
| 10  | 0.2 | 1.0 | 5.7 | 26.0 | 44.4 | 102.9 | 1473.8 | 6360.4 | 6360.4 | 1473.8 | 102.9 | 44.4 | 26.0 | 5.7 | 1.0 | 0.2 |  |
| 0   |     | 1.6 | 7.5 | 30.7 | 51.3 | 102.1 | 1598.9 | 6807.3 | 6807.3 | 1598.9 | 102.1 | 51.3 | 30.7 | 7.5 | 1.6 |     |  |
| -10 | 0.3 | 1.8 | 7.7 | 28.8 | 54.6 | 64.1  | 463.8  | 1756.2 | 1756.2 | 463.8  | 64.1  | 54.6 | 28.8 | 7.7 | 1.8 | 0.3 |  |
| -20 |     | 1.7 | 6.7 | 15.9 | 41.7 | 51.7  | 63.0   | 116.5  | 116.5  | 63.0   | 51.7  | 41.7 | 15.9 | 6.7 | 1.7 |     |  |
| -30 | 0.3 | 1.5 | 5.1 | 9.3  | 23.2 | 44.0  | 52.6   | 54.5   | 54.5   | 52.6   | 44.0  | 23.2 | 9.3  | 5.1 | 1.5 | 0.3 |  |
| -40 |     | 0.9 | 3.5 | 7.4  | 11.9 | 21.5  | 39.3   | 54.3   | 54.3   | 39.3   | 21.5  | 11.9 | 7.4  | 3.5 | 0.9 |     |  |
| -50 | 0.2 | 0.4 | 2.0 | 5.0  | 9.1  | 12.9  | 16.1   | 18.0   | 18.0   | 16.1   | 12.9  | 9.1  | 5.0  | 2.0 | 0.4 | 0.2 |  |
| -60 |     | 0.2 | 0.7 | 2.3  | 4.8  | 7.9   | 11.0   | 13.0   | 13.0   | 11.0   | 7.9   | 4.8  | 2.3  | 0.7 | 0.2 |     |  |
| -70 | 0.1 | 0.6 | 1.8 | 4.3  | 6.4  | 4.3   | 1.8    | 0.6    | 0.1    |        |       |      |      |     |     | 0.1 |  |
| -80 |     | 0.1 | 0.6 | 1.8  | 4.3  | 6.4   | 4.3    | 1.8    | 0.6    | 0.1    |       |      |      |     |     |     |  |
| -90 | 0.1 | 0.6 | 1.8 | 4.3  | 6.4  | 4.3   | 1.8    | 0.6    | 0.1    |        |       |      |      |     |     |     |  |

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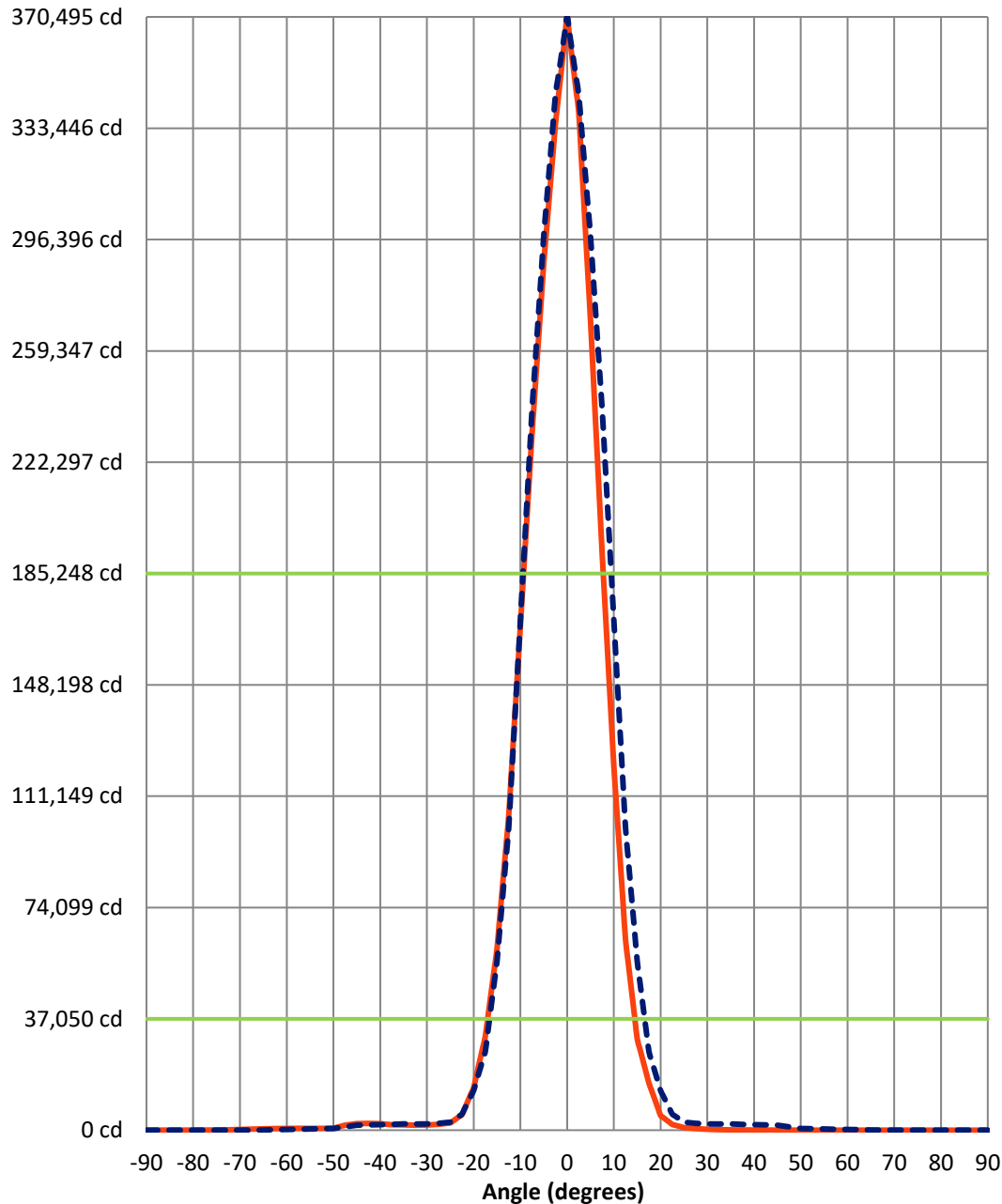
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 18.9°  
 V Angle: 17.1°  
 Lumens: 19675.5  
 Efficiency: 46.1%

**Field:**  
 H Angle: 33.2°  
 V Angle: 31.5°  
 Lumens: 36166.5  
 Efficiency: 84.7%

**Spill:**  
 Lumens: 6548.4  
 Efficiency: 15.3%

— 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°    | 4.6  | 4.6    | 4.6  | 4.6    | 4.6  | 4.6    | 4.6  | 4.8    | 5.1  | 5.3    | 5.5   |
| 87.5°  | 4.6  | 4.6    | 4.6  | 4.6    | 4.6  | 4.6    | 4.6  | 4.4    | 4.1  | 3.9    | 3.6   |
| 85°    | 4.6  | 4.6    | 4.6  | 4.6    | 4.6  | 4.6    | 4.6  | 4.4    | 4.1  | 3.9    | 3.6   |
| 82.5°  | 4.6  | 4.6    | 4.6  | 4.6    | 4.6  | 4.6    | 4.6  | 4.4    | 4.1  | 4.0    | 3.9   |
| 80°    | 4.6  | 4.6    | 4.6  | 4.6    | 4.6  | 4.6    | 4.6  | 4.4    | 4.3  | 4.3    | 4.3   |
| 77.5°  | 4.6  | 4.6    | 4.6  | 4.6    | 4.6  | 4.6    | 4.6  | 4.5    | 4.5  | 4.5    | 4.6   |
| 75°    | 4.6  | 4.6    | 4.6  | 4.6    | 4.6  | 4.6    | 4.6  | 4.6    | 4.6  | 4.6    | 4.6   |
| 72.5°  | 4.6  | 4.6    | 4.6  | 4.6    | 4.6  | 4.6    | 4.6  | 4.6    | 4.6  | 4.6    | 4.6   |
| 70°    | 4.6  | 4.6    | 4.6  | 4.6    | 4.6  | 4.6    | 4.6  | 4.6    | 4.6  | 4.6    | 4.6   |
| 67.5°  | 4.6  | 4.6    | 4.6  | 4.6    | 4.6  | 4.6    | 4.6  | 4.6    | 4.6  | 4.7    | 4.7   |
| 65°    | 4.6  | 4.6    | 4.6  | 4.6    | 4.6  | 4.6    | 4.7  | 4.6    | 4.8  | 4.9    | 4.8   |
| 62.5°  | 4.6  | 4.6    | 4.6  | 4.6    | 4.6  | 4.7    | 4.7  | 4.8    | 5.0  | 5.0    | 4.8   |
| 60°    | 4.6  | 4.6    | 4.6  | 4.6    | 4.6  | 4.8    | 4.8  | 5.0    | 5.2  | 5.1    | 4.9   |
| 57.5°  | 4.6  | 4.6    | 4.6  | 4.6    | 4.7  | 4.9    | 4.9  | 5.3    | 5.3  | 5.1    | 4.9   |
| 55°    | 4.6  | 4.6    | 4.6  | 4.6    | 4.8  | 5.0    | 5.1  | 5.5    | 5.4  | 5.2    | 5.0   |
| 52.5°  | 4.6  | 4.6    | 4.6  | 4.6    | 4.9  | 5.1    | 5.3  | 5.5    | 5.4  | 5.2    | 5.0   |
| 50°    | 4.6  | 4.6    | 4.6  | 4.6    | 5.0  | 5.2    | 5.4  | 5.5    | 5.4  | 5.3    | 5.6   |
| 47.5°  | 4.6  | 4.6    | 4.6  | 4.6    | 5.1  | 5.3    | 5.5  | 5.5    | 5.5  | 5.3    | 6.2   |
| 45°    | 4.6  | 4.6    | 4.6  | 4.7    | 5.2  | 5.3    | 5.5  | 5.5    | 5.5  | 5.7    | 6.6   |
| 42.5°  | 4.6  | 4.6    | 4.6  | 4.8    | 5.3  | 5.4    | 5.5  | 5.5    | 5.6  | 6.0    | 7.2   |
| 40°    | 4.6  | 4.6    | 4.6  | 4.9    | 5.4  | 5.4    | 5.5  | 5.6    | 5.7  | 6.2    | 7.7   |
| 37.5°  | 4.6  | 4.6    | 4.6  | 4.9    | 5.4  | 5.5    | 5.5  | 5.7    | 6.0  | 6.6    | 8.1   |
| 35°    | 4.6  | 4.6    | 4.6  | 5.0    | 5.4  | 5.5    | 5.5  | 5.8    | 6.2  | 7.3    | 8.4   |
| 32.5°  | 4.6  | 4.6    | 4.6  | 5.1    | 5.5  | 5.5    | 5.5  | 5.9    | 6.5  | 8.0    | 9.4   |
| 30°    | 4.6  | 4.6    | 4.6  | 5.1    | 5.5  | 5.5    | 5.6  | 6.1    | 6.7  | 8.9    | 10.6  |
| 27.5°  | 4.6  | 4.6    | 4.6  | 5.2    | 5.5  | 5.5    | 5.7  | 6.3    | 7.1  | 9.9    | 12.0  |
| 25°    | 4.6  | 4.6    | 4.6  | 5.2    | 5.5  | 5.5    | 5.8  | 6.5    | 7.9  | 11.0   | 13.6  |
| 22.5°  | 4.6  | 4.6    | 4.6  | 5.3    | 5.5  | 5.5    | 5.9  | 6.6    | 8.6  | 12.2   | 15.9  |
| 20°    | 4.6  | 4.6    | 4.6  | 5.3    | 5.5  | 5.6    | 6.1  | 6.8    | 9.4  | 13.5   | 18.2  |
| 17.5°  | 4.6  | 4.6    | 4.6  | 5.4    | 5.5  | 5.7    | 6.2  | 7.0    | 10.2 | 14.8   | 20.4  |
| 15°    | 4.6  | 4.6    | 4.6  | 5.4    | 5.5  | 5.8    | 6.4  | 7.2    | 11.0 | 16.2   | 22.5  |
| 12.5°  | 4.6  | 4.6    | 4.6  | 5.4    | 5.5  | 5.9    | 6.6  | 7.5    | 11.9 | 17.6   | 24.5  |
| 10°    | 4.6  | 4.6    | 4.6  | 5.5    | 5.5  | 6.0    | 6.7  | 7.8    | 12.8 | 19.2   | 27.3  |
| 7.5°   | 4.6  | 4.6    | 4.6  | 5.5    | 5.5  | 6.1    | 6.9  | 8.2    | 13.6 | 20.9   | 32.5  |
| 5°     | 4.6  | 4.6    | 4.6  | 5.5    | 5.5  | 6.2    | 7.0  | 8.5    | 14.3 | 22.5   | 37.8  |
| 2.5°   | 4.6  | 4.6    | 4.6  | 5.5    | 5.5  | 6.3    | 7.2  | 8.8    | 14.9 | 24.1   | 43.1  |
| 0°     | 4.6  | 4.6    | 4.6  | 5.5    | 5.5  | 6.4    | 7.3  | 9.1    | 15.5 | 25.5   | 48.2  |
| -2.5°  | 4.6  | 4.6    | 4.6  | 5.5    | 5.6  | 6.5    | 7.8  | 10.9   | 19.6 | 33.1   | 61.1  |
| -5°    | 4.6  | 4.6    | 4.7  | 5.5    | 5.7  | 6.6    | 8.2  | 12.7   | 23.4 | 40.3   | 73.2  |
| -7.5°  | 4.6  | 4.6    | 4.7  | 5.5    | 5.7  | 6.7    | 8.6  | 14.3   | 27.0 | 47.0   | 84.3  |
| -10°   | 4.6  | 4.6    | 4.8  | 5.5    | 5.8  | 6.7    | 9.0  | 15.7   | 30.1 | 53.0   | 94.0  |
| -12.5° | 4.6  | 4.6    | 4.8  | 5.5    | 5.9  | 6.8    | 9.3  | 16.9   | 32.7 | 58.3   | 101.5 |
| -15°   | 4.6  | 4.6    | 4.8  | 5.4    | 5.9  | 6.8    | 9.5  | 17.8   | 35.7 | 63.8   | 107.5 |
| -17.5° | 4.6  | 4.6    | 4.8  | 5.4    | 5.9  | 6.9    | 9.7  | 19.1   | 39.0 | 68.4   | 111.9 |
| -20°   | 4.6  | 4.6    | 4.9  | 5.4    | 6.0  | 6.9    | 10.0 | 20.7   | 41.5 | 72.0   | 114.9 |



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 CATALOG NUMBER: EPH-LS-08-0320N-40-70-1S-CV2

**CANDELA DISTRIBUTION (continued):**

|        | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65°  |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|-------|
| -22.5° | 4.6  | 4.6    | 4.9  | 5.4    | 6.0  | 6.9    | 10.6 | 21.6   | 43.1 | 74.5   | 116.2 |
| -25°   | 4.6  | 4.6    | 4.9  | 5.4    | 6.0  | 7.1    | 10.9 | 22.0   | 43.7 | 75.8   | 115.9 |
| -27.5° | 4.6  | 4.6    | 4.9  | 5.4    | 6.0  | 7.3    | 11.0 | 21.7   | 43.3 | 76.1   | 116.9 |
| -30°   | 4.6  | 4.6    | 4.9  | 5.4    | 5.9  | 7.4    | 10.8 | 20.6   | 42.7 | 75.6   | 116.4 |
| -32.5° | 4.6  | 4.6    | 4.9  | 5.4    | 6.0  | 7.5    | 10.3 | 20.1   | 41.5 | 73.6   | 114.3 |
| -35°   | 4.6  | 4.6    | 4.9  | 5.4    | 6.0  | 7.6    | 10.1 | 19.5   | 39.3 | 70.1   | 110.6 |
| -37.5° | 4.6  | 4.6    | 4.9  | 5.5    | 6.0  | 7.5    | 10.2 | 18.4   | 36.0 | 65.2   | 100.8 |
| -40°   | 4.6  | 4.6    | 4.9  | 5.5    | 6.0  | 7.5    | 10.1 | 16.9   | 31.7 | 60.1   | 90.3  |
| -42.5° | 4.6  | 4.6    | 4.9  | 5.5    | 6.0  | 7.5    | 9.9  | 14.8   | 28.4 | 52.2   | 79.0  |
| -45°   | 4.6  | 4.6    | 4.9  | 5.5    | 6.0  | 7.4    | 9.6  | 13.2   | 25.4 | 43.6   | 67.3  |
| -47.5° | 4.6  | 4.6    | 4.8  | 5.6    | 6.0  | 7.3    | 9.3  | 12.7   | 21.8 | 34.5   | 57.0  |
| -50°   | 4.6  | 4.6    | 4.8  | 5.5    | 6.0  | 7.1    | 9.0  | 12.1   | 17.1 | 29.2   | 46.2  |
| -52.5° | 4.6  | 4.6    | 4.8  | 5.4    | 6.0  | 6.9    | 8.7  | 11.4   | 14.9 | 23.7   | 35.4  |
| -55°   | 4.6  | 4.6    | 4.7  | 5.3    | 6.0  | 6.8    | 8.4  | 10.6   | 13.8 | 17.9   | 28.9  |
| -57.5° | 4.6  | 4.6    | 4.7  | 5.3    | 5.9  | 6.7    | 8.0  | 10.1   | 12.6 | 15.5   | 22.1  |
| -60°   | 4.6  | 4.6    | 4.6  | 5.2    | 5.8  | 6.5    | 7.6  | 9.5    | 11.4 | 14.1   | 16.8  |
| -62.5° | 4.6  | 4.6    | 4.6  | 5.1    | 5.7  | 6.4    | 7.4  | 8.9    | 10.7 | 12.7   | 15.3  |
| -65°   | 4.6  | 4.6    | 4.6  | 5.0    | 5.6  | 6.2    | 7.1  | 8.3    | 10.0 | 11.7   | 13.6  |
| -67.5° | 4.6  | 4.6    | 4.6  | 4.9    | 5.5  | 6.0    | 6.7  | 7.9    | 9.2  | 10.8   | 12.5  |
| -70°   | 4.6  | 4.6    | 4.6  | 4.8    | 5.3  | 5.8    | 6.4  | 7.4    | 8.6  | 9.9    | 11.4  |
| -72.5° | 4.6  | 4.6    | 4.6  | 4.8    | 5.2  | 5.7    | 6.1  | 6.9    | 7.9  | 9.1    | 10.4  |
| -75°   | 4.6  | 4.6    | 4.6  | 4.8    | 5.0  | 5.5    | 5.9  | 6.5    | 7.3  | 8.3    | 9.4   |
| -77.5° | 4.6  | 4.6    | 4.6  | 4.7    | 5.0  | 5.3    | 5.7  | 6.2    | 6.8  | 7.5    | 8.4   |
| -80°   | 4.6  | 4.6    | 4.6  | 4.7    | 4.9  | 5.2    | 5.5  | 5.9    | 6.4  | 7.0    | 7.6   |
| -82.5° | 4.6  | 4.6    | 4.6  | 4.7    | 4.8  | 5.0    | 5.3  | 5.6    | 6.0  | 6.4    | 6.9   |
| -85°   | 4.6  | 4.6    | 4.6  | 4.7    | 4.8  | 4.9    | 5.1  | 5.4    | 5.7  | 6.0    | 6.3   |
| -87.5° | 4.6  | 4.6    | 4.6  | 4.6    | 4.7  | 4.7    | 4.8  | 5.1    | 5.4  | 5.6    | 5.9   |
| -90°   | 4.6  | 4.6    | 4.6  | 4.6    | 4.6  | 4.6    | 4.6  | 4.4    | 4.1  | 3.9    | 3.6   |





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 CATALOG NUMBER: EPH-LS-08-0320N-40-70-1S-CV2

**CANDELA DISTRIBUTION (continued):**

|        | -62.5° | -60°  | -57.5° | -55°  | -52.5° | -50°  | -47.5° | -45°   | -42.5° | -40°   | -37.5° |
|--------|--------|-------|--------|-------|--------|-------|--------|--------|--------|--------|--------|
| 90°    | 5.5    | 5.5   | 5.5    | 5.5   | 5.5    | 5.5   | 5.5    | 5.5    | 5.5    | 5.5    | 5.5    |
| 87.5°  | 3.6    | 3.6   | 3.6    | 3.6   | 3.4    | 3.2   | 2.9    | 2.7    | 2.7    | 2.7    | 2.7    |
| 85°    | 3.6    | 3.6   | 3.6    | 3.6   | 3.4    | 3.2   | 2.9    | 2.7    | 2.7    | 2.7    | 2.7    |
| 82.5°  | 3.9    | 3.9   | 3.8    | 3.6   | 3.4    | 3.2   | 3.0    | 2.8    | 2.8    | 2.8    | 2.8    |
| 80°    | 4.3    | 4.1   | 3.9    | 3.6   | 3.5    | 3.4   | 3.4    | 3.4    | 3.4    | 3.2    | 3.0    |
| 77.5°  | 4.4    | 4.2   | 3.9    | 3.7   | 3.6    | 3.7   | 3.7    | 3.6    | 3.4    | 3.2    | 3.0    |
| 75°    | 4.4    | 4.2   | 4.1    | 4.1   | 4.1    | 4.1   | 3.9    | 3.7    | 3.5    | 3.4    | 3.4    |
| 72.5°  | 4.5    | 4.4   | 4.4    | 4.6   | 4.5    | 4.2   | 4.0    | 3.7    | 3.9    | 4.4    | 4.8    |
| 70°    | 4.6    | 4.6   | 4.6    | 4.6   | 4.5    | 4.3   | 4.6    | 5.2    | 5.9    | 6.9    | 8.4    |
| 67.5°  | 4.6    | 4.6   | 4.6    | 4.6   | 4.6    | 4.9   | 5.5    | 8.9    | 12.9   | 14.6   | 15.3   |
| 65°    | 4.6    | 4.6   | 4.6    | 4.6   | 4.6    | 7.1   | 10.8   | 15.4   | 20.3   | 21.2   | 20.6   |
| 62.5°  | 4.6    | 4.6   | 4.6    | 5.3   | 7.4    | 10.8  | 15.1   | 20.1   | 25.8   | 25.9   | 22.7   |
| 60°    | 4.7    | 4.6   | 5.5    | 7.5   | 10.0   | 13.3  | 18.3   | 22.3   | 26.5   | 28.4   | 21.7   |
| 57.5°  | 4.7    | 5.3   | 7.1    | 9.5   | 12.2   | 14.8  | 17.7   | 21.6   | 23.6   | 23.9   | 17.6   |
| 55°    | 5.1    | 6.5   | 8.7    | 11.4  | 13.5   | 13.4  | 15.5   | 17.3   | 18.0   | 17.0   | 12.1   |
| 52.5°  | 6.0    | 7.6   | 10.2   | 12.7  | 13.6   | 12.6  | 12.1   | 13.2   | 12.8   | 10.9   | 9.0    |
| 50°    | 6.8    | 8.9   | 11.6   | 13.7  | 13.6   | 11.6  | 9.8    | 10.3   | 9.9    | 8.6    | 7.3    |
| 47.5°  | 7.7    | 10.0  | 13.3   | 14.7  | 13.0   | 11.7  | 10.0   | 9.5    | 9.0    | 9.2    | 8.2    |
| 45°    | 8.6    | 11.2  | 14.8   | 14.5  | 13.4   | 12.8  | 11.6   | 9.9    | 11.6   | 11.8   | 11.5   |
| 42.5°  | 9.3    | 12.2  | 14.7   | 14.5  | 15.2   | 14.8  | 13.7   | 14.5   | 15.3   | 16.1   | 16.4   |
| 40°    | 9.9    | 13.0  | 15.0   | 17.1  | 17.4   | 17.3  | 18.8   | 20.2   | 20.2   | 21.5   | 22.6   |
| 37.5°  | 10.4   | 13.7  | 16.8   | 21.8  | 20.1   | 21.8  | 24.8   | 27.3   | 28.8   | 27.7   | 31.0   |
| 35°    | 10.6   | 14.9  | 22.7   | 28.0  | 26.5   | 27.9  | 32.5   | 37.6   | 42.7   | 39.8   | 45.5   |
| 32.5°  | 11.5   | 16.6  | 30.3   | 35.0  | 40.2   | 40.5  | 41.3   | 55.5   | 66.4   | 71.3   | 74.0   |
| 30°    | 13.5   | 23.5  | 38.8   | 43.2  | 59.4   | 62.8  | 62.2   | 79.9   | 100.0  | 147.9  | 184.6  |
| 27.5°  | 16.3   | 32.0  | 46.6   | 60.2  | 83.1   | 89.0  | 97.4   | 117.8  | 179.5  | 270.6  | 373.7  |
| 25°    | 19.1   | 43.0  | 55.1   | 83.0  | 108.6  | 120.7 | 135.3  | 166.0  | 290.7  | 494.9  | 569.6  |
| 22.5°  | 25.0   | 55.4  | 68.9   | 109.1 | 136.8  | 153.4 | 179.8  | 254.8  | 427.1  | 740.8  | 761.0  |
| 20°    | 34.5   | 66.9  | 89.1   | 133.7 | 167.5  | 185.7 | 224.2  | 346.9  | 578.7  | 807.3  | 896.2  |
| 17.5°  | 44.5   | 79.6  | 111.2  | 158.6 | 200.7  | 226.7 | 274.1  | 434.4  | 696.7  | 893.2  | 998.0  |
| 15°    | 54.8   | 93.3  | 131.6  | 186.1 | 237.1  | 278.0 | 372.6  | 552.8  | 778.6  | 994.8  | 1145.6 |
| 12.5°  | 65.1   | 107.6 | 150.3  | 215.4 | 276.1  | 329.3 | 491.8  | 748.4  | 957.4  | 1131.3 | 1330.5 |
| 10°    | 75.2   | 122.2 | 167.4  | 245.7 | 316.7  | 380.1 | 622.9  | 959.0  | 1165.1 | 1318.5 | 1493.0 |
| 7.5°   | 99.7   | 144.6 | 186.4  | 276.0 | 358.0  | 429.7 | 759.9  | 1177.2 | 1353.8 | 1478.8 | 1610.2 |
| 5°     | 127.2  | 174.6 | 223.0  | 321.1 | 403.0  | 477.2 | 893.2  | 1394.0 | 1527.0 | 1617.7 | 1699.4 |
| 2.5°   | 154.5  | 203.5 | 258.7  | 366.0 | 447.8  | 520.9 | 1005.6 | 1535.2 | 1649.2 | 1735.4 | 1800.6 |
| 0°     | 180.2  | 231.2 | 293.1  | 407.8 | 489.7  | 561.6 | 1102.2 | 1654.7 | 1757.6 | 1844.0 | 1922.3 |
| -2.5°  | 194.6  | 253.6 | 318.9  | 423.7 | 494.5  | 564.1 | 1027.0 | 1614.0 | 1767.5 | 1882.8 | 1999.6 |
| -5°    | 205.8  | 274.2 | 342.7  | 437.2 | 497.9  | 564.3 | 938.9  | 1543.7 | 1779.3 | 1922.7 | 2065.5 |
| -7.5°  | 213.8  | 292.6 | 364.5  | 448.1 | 501.9  | 566.6 | 934.1  | 1568.6 | 1850.3 | 1980.3 | 2120.3 |
| -10°   | 217.3  | 299.5 | 369.0  | 450.4 | 506.8  | 569.1 | 922.5  | 1557.0 | 1918.8 | 2040.2 | 2165.9 |
| -12.5° | 210.5  | 296.2 | 367.7  | 449.7 | 510.8  | 568.8 | 875.3  | 1504.9 | 1987.1 | 2105.8 | 2188.4 |
| -15°   | 202.7  | 291.4 | 363.4  | 445.9 | 514.2  | 565.9 | 787.7  | 1409.8 | 1999.4 | 2075.6 | 2157.0 |
| -17.5° | 194.3  | 285.1 | 355.6  | 438.9 | 517.2  | 560.3 | 649.1  | 1169.7 | 1793.3 | 1976.2 | 2105.5 |
| -20°   | 185.8  | 277.5 | 344.2  | 428.7 | 517.6  | 541.5 | 586.8  | 938.8  | 1464.3 | 1833.2 | 2003.6 |



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**CANDELA DISTRIBUTION (continued):**

|        | -62.5° | -60°  | -57.5° | -55°  | -52.5° | -50°  | -47.5° | -45°  | -42.5° | -40°   | -37.5° |
|--------|--------|-------|--------|-------|--------|-------|--------|-------|--------|--------|--------|
| -22.5° | 177.7  | 268.7 | 331.3  | 414.9 | 483.4  | 513.2 | 546.3  | 724.6 | 1120.9 | 1649.2 | 1823.5 |
| -25°   | 174.0  | 255.1 | 319.4  | 386.0 | 448.3  | 483.6 | 502.7  | 551.5 | 838.7  | 1301.7 | 1623.7 |
| -27.5° | 172.6  | 243.4 | 301.6  | 358.1 | 418.0  | 451.6 | 466.5  | 502.5 | 658.2  | 966.9  | 1401.8 |
| -30°   | 169.2  | 225.6 | 282.9  | 332.9 | 387.9  | 420.5 | 432.6  | 464.4 | 517.6  | 741.3  | 1056.7 |
| -32.5° | 159.0  | 207.0 | 262.1  | 311.3 | 359.1  | 396.8 | 412.9  | 441.8 | 480.1  | 548.4  | 774.7  |
| -35°   | 146.3  | 191.3 | 240.6  | 288.9 | 332.8  | 373.9 | 402.4  | 423.2 | 449.3  | 483.8  | 594.9  |
| -37.5° | 135.1  | 174.8 | 218.9  | 265.6 | 307.9  | 350.1 | 390.6  | 409.6 | 430.1  | 456.4  | 503.0  |
| -40°   | 122.8  | 157.6 | 199.3  | 241.9 | 283.3  | 324.3 | 363.7  | 398.0 | 414.2  | 441.4  | 473.4  |
| -42.5° | 109.7  | 142.9 | 179.8  | 218.1 | 257.7  | 296.5 | 335.3  | 371.8 | 406.9  | 428.4  | 454.0  |
| -45°   | 96.3   | 127.3 | 160.3  | 196.1 | 231.4  | 267.8 | 304.1  | 341.7 | 385.0  | 422.6  | 441.3  |
| -47.5° | 82.2   | 110.9 | 141.9  | 173.6 | 206.3  | 239.1 | 272.2  | 312.6 | 356.0  | 396.6  | 436.0  |
| -50°   | 68.1   | 94.5  | 123.1  | 152.8 | 182.0  | 211.4 | 241.6  | 283.8 | 325.6  | 365.3  | 402.9  |
| -52.5° | 55.5   | 77.3  | 104.3  | 132.6 | 159.3  | 185.5 | 216.4  | 254.9 | 294.9  | 334.1  | 369.8  |
| -55°   | 42.3   | 62.1  | 84.7   | 111.2 | 137.9  | 161.7 | 191.7  | 226.8 | 262.9  | 300.5  | 335.7  |
| -57.5° | 32.6   | 47.1  | 66.5   | 88.4  | 113.8  | 140.2 | 169.2  | 198.5 | 231.4  | 265.5  | 296.5  |
| -60°   | 24.7   | 34.8  | 49.1   | 67.5  | 87.5   | 113.7 | 145.1  | 174.0 | 201.7  | 228.9  | 258.0  |
| -62.5° | 17.8   | 25.8  | 35.3   | 47.6  | 64.8   | 85.0  | 111.6  | 141.4 | 173.5  | 197.0  | 220.0  |
| -65°   | 16.0   | 18.4  | 24.9   | 33.7  | 42.8   | 59.5  | 79.5   | 101.9 | 128.9  | 152.8  | 177.3  |
| -67.5° | 14.2   | 16.4  | 18.5   | 21.9  | 30.0   | 38.9  | 48.3   | 66.1  | 85.8   | 102.4  | 119.7  |
| -70°   | 12.9   | 14.4  | 16.4   | 18.3  | 20.4   | 24.3  | 32.3   | 40.5  | 48.6   | 57.9   | 71.9   |
| -72.5° | 11.6   | 12.8  | 14.3   | 15.9  | 17.8   | 19.8  | 22.0   | 24.3  | 29.1   | 35.1   | 40.8   |
| -75°   | 10.3   | 11.2  | 12.3   | 13.6  | 15.0   | 16.6  | 18.3   | 20.2  | 21.9   | 23.3   | 24.9   |
| -77.5° | 9.0    | 9.7   | 10.4   | 11.2  | 12.1   | 13.3  | 14.5   | 15.9  | 17.2   | 18.3   | 19.4   |
| -80°   | 7.9    | 8.2   | 8.7    | 9.2   | 9.9    | 10.6  | 11.3   | 12.0  | 12.7   | 13.5   | 14.5   |
| -82.5° | 7.0    | 7.1   | 7.2    | 7.4   | 7.9    | 8.4   | 8.9    | 9.5   | 9.9    | 10.3   | 10.7   |
| -85°   | 6.1    | 6.0   | 5.9    | 5.9   | 6.3    | 6.7   | 7.1    | 7.5   | 7.7    | 7.8    | 8.0    |
| -87.5° | 5.8    | 5.7   | 5.6    | 5.5   | 5.6    | 5.8   | 6.0    | 6.1   | 6.2    | 6.2    | 6.2    |
| -90°   | 3.6    | 3.6   | 3.6    | 3.6   | 3.4    | 3.2   | 2.9    | 2.7   | 2.7    | 2.7    | 2.7    |



REPORT NUMBER: P731307 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

|        | -35°   | -32.5° | -30°   | -27.5° | -25°   | -22.5° | -20°    | -17.5°  | -15°    | -12.5°   | -10°     |
|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|----------|----------|
| 90°    | 5.5    | 5.7    | 6.0    | 6.2    | 6.4    | 6.8    | 7.3     | 7.7     | 8.2     | 11.6     | 15.0     |
| 87.5°  | 2.7    | 2.5    | 2.3    | 2.0    | 1.8    | 1.6    | 1.4     | 1.1     | 0.9     | 0.9      | 0.9      |
| 85°    | 2.7    | 2.5    | 2.3    | 2.0    | 1.8    | 1.6    | 1.4     | 1.1     | 0.9     | 0.9      | 0.9      |
| 82.5°  | 2.7    | 2.5    | 2.3    | 2.0    | 1.8    | 1.6    | 1.4     | 1.1     | 0.9     | 0.9      | 0.9      |
| 80°    | 2.7    | 2.5    | 2.3    | 2.1    | 1.8    | 1.7    | 1.7     | 1.7     | 1.7     | 1.5      | 1.3      |
| 77.5°  | 2.8    | 2.7    | 2.6    | 2.5    | 2.3    | 2.2    | 2.1     | 2.0     | 1.8     | 1.6      | 1.4      |
| 75°    | 3.5    | 3.5    | 3.4    | 3.2    | 2.8    | 2.5    | 2.3     | 2.1     | 1.8     | 1.8      | 1.8      |
| 72.5°  | 5.0    | 4.9    | 4.6    | 4.5    | 4.0    | 3.8    | 3.7     | 3.5     | 3.3     | 3.3      | 3.4      |
| 70°    | 9.3    | 9.5    | 9.1    | 8.2    | 7.0    | 6.2    | 5.8     | 5.3     | 4.6     | 4.5      | 4.8      |
| 67.5°  | 14.7   | 13.5   | 12.4   | 11.2   | 9.5    | 8.2    | 7.5     | 6.8     | 6.2     | 6.0      | 6.2      |
| 65°    | 18.5   | 14.7   | 12.6   | 11.0   | 9.9    | 8.8    | 7.9     | 7.1     | 6.2     | 5.7      | 5.6      |
| 62.5°  | 18.5   | 13.2   | 10.7   | 9.5    | 8.6    | 7.9    | 6.8     | 5.7     | 4.8     | 4.2      | 4.3      |
| 60°    | 15.9   | 10.9   | 8.1    | 7.0    | 6.2    | 5.5    | 4.9     | 4.4     | 3.9     | 3.6      | 3.7      |
| 57.5°  | 12.1   | 7.9    | 5.5    | 5.4    | 5.1    | 4.8    | 4.5     | 4.3     | 4.0     | 3.6      | 3.8      |
| 55°    | 8.5    | 6.6    | 5.5    | 5.6    | 5.7    | 5.6    | 5.3     | 4.9     | 4.5     | 4.2      | 4.4      |
| 52.5°  | 6.8    | 6.6    | 6.9    | 7.0    | 6.5    | 6.0    | 5.5     | 5.4     | 5.5     | 5.7      | 5.9      |
| 50°    | 7.2    | 7.5    | 7.6    | 7.2    | 6.9    | 6.6    | 6.4     | 6.6     | 7.0     | 7.4      | 7.7      |
| 47.5°  | 8.3    | 8.7    | 9.0    | 8.1    | 8.2    | 8.7    | 8.4     | 8.5     | 10.2    | 11.5     | 12.5     |
| 45°    | 10.9   | 12.3   | 12.5   | 12.7   | 12.5   | 13.8   | 14.5    | 15.1    | 18.6    | 19.9     | 19.9     |
| 42.5°  | 16.8   | 18.8   | 20.1   | 21.4   | 20.5   | 24.1   | 29.4    | 33.0    | 32.1    | 30.8     | 31.2     |
| 40°    | 25.3   | 29.1   | 34.3   | 37.2   | 40.3   | 44.4   | 45.9    | 39.8    | 38.9    | 43.8     | 44.3     |
| 37.5°  | 38.5   | 48.6   | 59.8   | 68.3   | 69.7   | 67.9   | 65.7    | 64.8    | 66.2    | 69.5     | 74.4     |
| 35°    | 63.4   | 87.0   | 97.3   | 102.7  | 106.0  | 96.0   | 92.2    | 95.9    | 92.8    | 101.9    | 105.0    |
| 32.5°  | 112.3  | 142.7  | 151.7  | 155.7  | 163.9  | 153.8  | 131.5   | 157.9   | 147.9   | 146.5    | 156.6    |
| 30°    | 178.1  | 220.6  | 257.2  | 259.8  | 254.0  | 252.4  | 265.1   | 268.6   | 256.7   | 256.6    | 296.6    |
| 27.5°  | 341.2  | 350.9  | 415.5  | 444.8  | 371.7  | 377.2  | 412.1   | 393.5   | 436.8   | 478.6    | 511.6    |
| 25°    | 540.4  | 548.4  | 661.3  | 644.1  | 566.7  | 588.7  | 609.1   | 605.0   | 655.2   | 705.4    | 762.6    |
| 22.5°  | 723.4  | 756.2  | 849.0  | 825.0  | 790.5  | 800.0  | 818.8   | 855.8   | 923.3   | 1025.4   | 1291.5   |
| 20°    | 869.4  | 890.8  | 935.8  | 956.3  | 958.3  | 977.0  | 1036.7  | 1139.0  | 1349.1  | 2038.2   | 2870.0   |
| 17.5°  | 1010.2 | 977.2  | 1031.4 | 1066.9 | 1105.2 | 1173.7 | 1312.6  | 1731.9  | 2744.8  | 4833.3   | 6879.9   |
| 15°    | 1214.6 | 1194.3 | 1162.4 | 1211.0 | 1317.5 | 1457.5 | 1781.9  | 3314.9  | 6756.2  | 10672.2  | 14743.6  |
| 12.5°  | 1437.3 | 1410.5 | 1366.5 | 1407.5 | 1569.1 | 1818.6 | 3343.9  | 7228.6  | 12729.6 | 19750.1  | 33425.4  |
| 10°    | 1614.9 | 1602.8 | 1575.4 | 1662.3 | 1873.3 | 2625.0 | 5326.8  | 11439.3 | 19618.9 | 35904.8  | 55812.7  |
| 7.5°   | 1723.6 | 1718.0 | 1741.4 | 1883.7 | 2171.1 | 3833.6 | 8707.9  | 17219.1 | 31592.8 | 54201.8  | 87621.4  |
| 5°     | 1842.3 | 1833.7 | 1871.4 | 2043.9 | 2383.9 | 4608.4 | 11349.0 | 22411.3 | 43817.0 | 75097.4  | 123629.9 |
| 2.5°   | 1969.6 | 1950.0 | 1988.8 | 2185.4 | 2550.6 | 4780.3 | 11941.8 | 23966.3 | 51073.6 | 91204.9  | 156228.5 |
| 0°     | 2098.0 | 2057.9 | 2078.9 | 2275.5 | 2675.1 | 5343.7 | 13170.5 | 26208.1 | 56203.4 | 100523.8 | 169680.7 |
| -2.5°  | 2108.5 | 2040.6 | 2061.4 | 2243.1 | 2625.7 | 4600.9 | 11434.8 | 24142.4 | 53417.1 | 93531.9  | 155388.4 |
| -5°    | 2126.2 | 2037.7 | 2031.8 | 2191.1 | 2555.4 | 4197.6 | 9701.2  | 22080.0 | 47194.5 | 82307.0  | 135908.6 |
| -7.5°  | 2159.2 | 2054.6 | 2004.2 | 2122.0 | 2443.8 | 3649.0 | 7914.7  | 18381.0 | 38180.2 | 67130.2  | 105972.9 |
| -10°   | 2213.2 | 2100.9 | 2018.5 | 2070.2 | 2303.0 | 2976.0 | 5236.8  | 13359.7 | 28900.7 | 50612.5  | 76941.2  |
| -12.5° | 2280.0 | 2228.0 | 2104.5 | 2032.9 | 2160.7 | 2525.5 | 4116.3  | 9981.5  | 20305.3 | 32020.4  | 51227.2  |
| -15°   | 2311.0 | 2330.6 | 2241.3 | 2099.0 | 2107.4 | 2333.0 | 2878.8  | 5465.2  | 12746.0 | 21257.9  | 30732.8  |
| -17.5° | 2268.9 | 2361.7 | 2258.5 | 2095.3 | 2029.1 | 2162.8 | 2418.1  | 3366.3  | 5889.9  | 11357.3  | 16914.2  |
| -20°   | 2146.0 | 2176.4 | 2155.3 | 2057.2 | 1987.8 | 1995.1 | 2121.5  | 2367.4  | 2859.7  | 4649.5   | 6616.4   |



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**CANDELA DISTRIBUTION (continued):**

|        | -35°   | -32.5° | -30°   | -27.5° | -25°   | -22.5° | -20°   | -17.5° | -15°   | -12.5° | -10°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 1918.3 | 1937.9 | 1932.3 | 2004.9 | 1927.1 | 1892.0 | 1919.5 | 2014.9 | 2167.8 | 2399.9 | 3050.8 |
| -25°   | 1724.3 | 1716.0 | 1760.8 | 1882.2 | 1901.4 | 1816.8 | 1794.7 | 1801.6 | 1888.5 | 1991.6 | 2134.2 |
| -27.5° | 1539.2 | 1595.2 | 1693.8 | 1816.9 | 1870.4 | 1813.6 | 1742.1 | 1695.3 | 1737.1 | 1769.6 | 1833.6 |
| -30°   | 1384.3 | 1529.0 | 1632.4 | 1744.5 | 1825.1 | 1816.1 | 1746.5 | 1723.5 | 1703.8 | 1680.7 | 1697.0 |
| -32.5° | 1137.7 | 1449.2 | 1555.8 | 1647.5 | 1745.0 | 1784.5 | 1784.0 | 1774.4 | 1783.3 | 1764.5 | 1722.7 |
| -35°   | 884.2  | 1219.9 | 1496.9 | 1547.8 | 1610.9 | 1704.0 | 1775.5 | 1786.8 | 1797.4 | 1797.0 | 1787.0 |
| -37.5° | 634.3  | 946.4  | 1227.1 | 1433.5 | 1507.6 | 1575.8 | 1708.9 | 1780.1 | 1803.3 | 1840.1 | 1853.7 |
| -40°   | 520.2  | 613.8  | 894.4  | 1146.8 | 1317.1 | 1523.9 | 1662.2 | 1790.9 | 1923.3 | 2000.7 | 2044.5 |
| -42.5° | 486.0  | 524.9  | 566.0  | 760.2  | 1002.9 | 1229.9 | 1446.8 | 1691.9 | 1880.0 | 2026.1 | 2171.7 |
| -45°   | 461.3  | 486.3  | 513.6  | 551.8  | 590.0  | 782.3  | 1003.2 | 1225.0 | 1433.2 | 1643.0 | 1844.3 |
| -47.5° | 451.6  | 460.7  | 479.7  | 501.5  | 526.9  | 560.6  | 592.5  | 641.9  | 813.6  | 983.8  | 1166.2 |
| -50°   | 435.9  | 458.8  | 467.0  | 474.9  | 495.5  | 515.2  | 530.4  | 551.3  | 572.1  | 585.1  | 602.3  |
| -52.5° | 402.8  | 432.3  | 457.6  | 480.8  | 494.1  | 505.5  | 515.6  | 532.7  | 548.8  | 562.7  | 572.4  |
| -55°   | 368.6  | 399.1  | 428.3  | 456.7  | 483.4  | 508.9  | 531.1  | 543.4  | 555.8  | 568.3  | 573.4  |
| -57.5° | 328.4  | 360.5  | 392.0  | 421.7  | 450.8  | 479.1  | 504.4  | 527.0  | 548.8  | 569.0  | 581.6  |
| -60°   | 286.3  | 313.7  | 345.5  | 378.4  | 408.8  | 436.7  | 464.6  | 490.9  | 515.2  | 535.9  | 548.9  |
| -62.5° | 245.3  | 271.5  | 297.6  | 327.3  | 360.2  | 391.9  | 417.1  | 442.6  | 468.3  | 490.9  | 507.2  |
| -65°   | 200.9  | 222.7  | 243.7  | 266.1  | 289.6  | 315.1  | 341.6  | 367.8  | 393.3  | 414.7  | 430.8  |
| -67.5° | 140.2  | 161.2  | 180.5  | 199.7  | 217.4  | 235.3  | 254.4  | 273.8  | 293.1  | 310.0  | 324.4  |
| -70°   | 85.5   | 98.2   | 109.5  | 121.7  | 136.3  | 151.3  | 166.4  | 180.2  | 192.8  | 203.2  | 211.6  |
| -72.5° | 46.3   | 51.1   | 56.6   | 65.7   | 74.0   | 82.9   | 92.1   | 100.6  | 108.4  | 115.6  | 122.1  |
| -75°   | 26.4   | 28.6   | 32.5   | 36.0   | 39.1   | 42.9   | 47.0   | 51.0   | 54.8   | 58.5   | 61.9   |
| -77.5° | 20.6   | 21.7   | 22.7   | 23.7   | 24.7   | 26.1   | 27.7   | 29.3   | 30.9   | 33.6   | 36.6   |
| -80°   | 15.4   | 16.1   | 16.8   | 17.5   | 18.2   | 19.1   | 20.0   | 20.9   | 21.8   | 23.0   | 24.1   |
| -82.5° | 11.2   | 11.5   | 11.8   | 12.1   | 12.4   | 13.0   | 13.7   | 14.3   | 14.9   | 16.2   | 17.5   |
| -85°   | 8.1    | 8.3    | 8.4    | 8.5    | 8.6    | 8.9    | 9.2    | 9.5    | 9.8    | 11.0   | 12.2   |
| -87.5° | 6.2    | 6.3    | 6.3    | 6.4    | 6.4    | 6.6    | 6.9    | 7.1    | 7.3    | 8.5    | 9.6    |
| -90°   | 2.7    | 2.5    | 2.3    | 2.0    | 1.8    | 1.6    | 1.4    | 1.1    | 0.9    | 0.7    | 0.5    |



REPORT NUMBER: P731307 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

|        | -7.5°    | -5°      | -2.5°    | 0°       | 2.5°     | 5°       | 7.5°     | 10°      | 12.5°    | 15°     | 17.5°   |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---------|---------|
| 90°    | 18.4     | 21.8     | 25.0     | 28.2     | 25.0     | 21.8     | 18.4     | 15.0     | 11.6     | 8.2     | 7.7     |
| 87.5°  | 0.9      | 0.9      | 0.4      | 0.0      | 0.4      | 0.9      | 0.9      | 0.9      | 0.9      | 0.9     | 1.1     |
| 85°    | 0.9      | 0.9      | 0.9      | 0.9      | 0.9      | 0.9      | 0.9      | 0.9      | 0.9      | 0.9     | 1.1     |
| 82.5°  | 0.9      | 0.9      | 0.9      | 0.9      | 0.9      | 0.9      | 0.9      | 0.9      | 0.9      | 0.9     | 1.1     |
| 80°    | 1.1      | 0.9      | 0.9      | 0.9      | 0.9      | 0.9      | 1.1      | 1.3      | 1.5      | 1.7     | 1.7     |
| 77.5°  | 1.1      | 0.9      | 0.9      | 0.9      | 0.9      | 0.9      | 1.1      | 1.4      | 1.6      | 1.8     | 2.0     |
| 75°    | 1.8      | 1.8      | 1.8      | 1.8      | 1.8      | 1.8      | 1.8      | 1.8      | 1.8      | 1.8     | 2.1     |
| 72.5°  | 3.5      | 3.6      | 3.6      | 3.6      | 3.6      | 3.6      | 3.5      | 3.4      | 3.3      | 3.3     | 3.5     |
| 70°    | 5.1      | 5.4      | 5.9      | 6.4      | 5.9      | 5.4      | 5.1      | 4.8      | 4.5      | 4.6     | 5.3     |
| 67.5°  | 6.3      | 6.4      | 5.6      | 4.6      | 5.6      | 6.4      | 6.3      | 6.2      | 6.0      | 6.2     | 6.8     |
| 65°    | 5.6      | 5.5      | 5.1      | 4.6      | 5.1      | 5.5      | 5.6      | 5.6      | 5.7      | 6.2     | 7.1     |
| 62.5°  | 4.4      | 4.6      | 4.6      | 4.6      | 4.6      | 4.6      | 4.4      | 4.3      | 4.2      | 4.8     | 5.7     |
| 60°    | 3.7      | 3.6      | 3.6      | 3.6      | 3.6      | 3.6      | 3.7      | 3.7      | 3.6      | 3.9     | 4.4     |
| 57.5°  | 4.1      | 4.5      | 4.6      | 4.6      | 4.6      | 4.5      | 4.1      | 3.8      | 3.6      | 4.0     | 4.3     |
| 55°    | 4.5      | 4.6      | 4.9      | 5.5      | 4.9      | 4.6      | 4.5      | 4.4      | 4.2      | 4.5     | 4.9     |
| 52.5°  | 6.1      | 6.3      | 6.4      | 6.4      | 6.4      | 6.3      | 6.1      | 5.9      | 5.7      | 5.5     | 5.4     |
| 50°    | 7.9      | 8.1      | 8.2      | 8.2      | 8.2      | 8.1      | 7.9      | 7.7      | 7.4      | 7.0     | 6.6     |
| 47.5°  | 13.1     | 13.4     | 13.9     | 14.6     | 13.9     | 13.4     | 13.1     | 12.5     | 11.5     | 10.2    | 8.5     |
| 45°    | 20.8     | 21.3     | 22.2     | 23.7     | 22.2     | 21.3     | 20.8     | 19.9     | 19.9     | 18.6    | 15.1    |
| 42.5°  | 32.9     | 33.8     | 34.8     | 36.4     | 34.8     | 33.8     | 32.9     | 31.2     | 30.8     | 32.1    | 33.0    |
| 40°    | 45.3     | 45.9     | 46.5     | 48.2     | 46.5     | 45.9     | 45.3     | 44.3     | 43.8     | 38.9    | 39.8    |
| 37.5°  | 76.6     | 73.4     | 70.0     | 77.4     | 70.0     | 73.4     | 76.6     | 74.4     | 69.5     | 66.2    | 64.8    |
| 35°    | 104.5    | 106.4    | 109.4    | 114.7    | 109.4    | 106.4    | 104.5    | 105.0    | 101.9    | 92.8    | 95.9    |
| 32.5°  | 158.5    | 167.1    | 171.0    | 176.6    | 171.0    | 167.1    | 158.5    | 156.6    | 146.5    | 147.9   | 157.9   |
| 30°    | 315.3    | 314.8    | 289.4    | 294.0    | 289.4    | 314.8    | 315.3    | 296.6    | 256.6    | 256.7   | 268.6   |
| 27.5°  | 522.1    | 528.4    | 525.6    | 538.8    | 525.6    | 528.4    | 522.1    | 511.6    | 478.6    | 436.8   | 393.5   |
| 25°    | 812.7    | 839.9    | 834.6    | 861.0    | 834.6    | 839.9    | 812.7    | 762.6    | 705.4    | 655.2   | 605.0   |
| 22.5°  | 1618.5   | 1743.7   | 1741.8   | 1908.7   | 1741.8   | 1743.7   | 1618.5   | 1291.5   | 1025.4   | 923.3   | 855.8   |
| 20°    | 4322.8   | 5178.0   | 4825.6   | 4890.5   | 4825.6   | 5178.0   | 4322.8   | 2870.0   | 2038.2   | 1349.1  | 1139.0  |
| 17.5°  | 9968.6   | 12866.2  | 14124.6  | 15697.2  | 14124.6  | 12866.2  | 9968.6   | 6879.9   | 4833.3   | 2744.8  | 1731.9  |
| 15°    | 22756.4  | 30476.6  | 34338.3  | 30396.8  | 34338.3  | 30476.6  | 22756.4  | 14743.6  | 10672.2  | 6756.2  | 3314.9  |
| 12.5°  | 47645.0  | 61200.2  | 70570.2  | 63379.4  | 70570.2  | 61200.2  | 47645.0  | 33425.4  | 19750.1  | 12729.6 | 7228.6  |
| 10°    | 82310.9  | 107279.5 | 127914.6 | 121113.8 | 127914.6 | 107279.5 | 82310.9  | 55812.7  | 35904.8  | 19618.9 | 11439.3 |
| 7.5°   | 126539.3 | 166875.1 | 192050.4 | 191864.0 | 192050.4 | 166875.1 | 126539.3 | 87621.4  | 54201.8  | 31592.8 | 17219.1 |
| 5°     | 182051.5 | 233658.4 | 265714.3 | 269579.7 | 265714.3 | 233658.4 | 182051.5 | 123629.9 | 75097.4  | 43817.0 | 22411.3 |
| 2.5°   | 223154.4 | 279106.4 | 322876.8 | 338664.2 | 322876.8 | 279106.4 | 223154.4 | 156228.5 | 91204.9  | 51073.6 | 23966.3 |
| 0°     | 239936.1 | 297619.1 | 344407.5 | 370495.4 | 344407.5 | 297619.1 | 239936.1 | 169680.7 | 100523.8 | 56203.4 | 26208.1 |
| -2.5°  | 226750.0 | 280026.2 | 318616.6 | 334779.5 | 318616.6 | 280026.2 | 226750.0 | 155388.4 | 93531.9  | 53417.1 | 24142.4 |
| -5°    | 197983.3 | 248157.4 | 277926.3 | 288498.1 | 277926.3 | 248157.4 | 197983.3 | 135908.6 | 82307.0  | 47194.5 | 22080.0 |
| -7.5°  | 154932.9 | 196933.3 | 222631.5 | 231913.2 | 222631.5 | 196933.3 | 154932.9 | 105972.9 | 67130.2  | 38180.2 | 18381.0 |
| -10°   | 107291.5 | 138511.3 | 160822.3 | 167742.9 | 160822.3 | 138511.3 | 107291.5 | 76941.2  | 50612.5  | 28900.7 | 13359.7 |
| -12.5° | 69133.7  | 87656.6  | 100017.4 | 104519.6 | 100017.4 | 87656.6  | 69133.7  | 51227.2  | 32020.4  | 20305.3 | 9981.5  |
| -15°   | 42057.8  | 52371.4  | 58357.7  | 60374.9  | 58357.7  | 52371.4  | 42057.8  | 30732.8  | 21257.9  | 12746.0 | 5465.2  |
| -17.5° | 23173.6  | 28151.2  | 29981.1  | 31268.7  | 29981.1  | 28151.2  | 23173.6  | 16914.2  | 11357.3  | 5889.9  | 3366.3  |
| -20°   | 10381.8  | 12542.7  | 13603.1  | 14147.1  | 13603.1  | 12542.7  | 10381.8  | 6616.4   | 4649.5   | 2859.7  | 2367.4  |



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**CANDELA DISTRIBUTION (continued):**

|        | -7.5°  | -5°    | -2.5°  | 0°     | 2.5°   | 5°     | 7.5°   | 10°    | 12.5°  | 15°    | 17.5°  |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 4003.0 | 4634.0 | 4918.2 | 5151.7 | 4918.2 | 4634.0 | 4003.0 | 3050.8 | 2399.9 | 2167.8 | 2014.9 |
| -25°   | 2258.3 | 2345.9 | 2385.8 | 2412.0 | 2385.8 | 2345.9 | 2258.3 | 2134.2 | 1991.6 | 1888.5 | 1801.6 |
| -27.5° | 1879.3 | 1929.9 | 1964.6 | 1958.7 | 1964.6 | 1929.9 | 1879.3 | 1833.6 | 1769.6 | 1737.1 | 1695.3 |
| -30°   | 1698.2 | 1713.8 | 1726.9 | 1716.6 | 1726.9 | 1713.8 | 1698.2 | 1697.0 | 1680.7 | 1703.8 | 1723.5 |
| -32.5° | 1693.2 | 1677.2 | 1668.1 | 1665.7 | 1668.1 | 1677.2 | 1693.2 | 1722.7 | 1764.5 | 1783.3 | 1774.4 |
| -35°   | 1775.6 | 1768.3 | 1763.7 | 1766.7 | 1763.7 | 1768.3 | 1775.6 | 1787.0 | 1797.0 | 1797.4 | 1786.8 |
| -37.5° | 1855.3 | 1844.7 | 1828.5 | 1815.8 | 1828.5 | 1844.7 | 1855.3 | 1853.7 | 1840.1 | 1803.3 | 1780.1 |
| -40°   | 2053.0 | 2091.2 | 2139.7 | 2166.3 | 2139.7 | 2091.2 | 2053.0 | 2044.5 | 2000.7 | 1923.3 | 1790.9 |
| -42.5° | 2214.9 | 2242.8 | 2255.4 | 2254.5 | 2255.4 | 2242.8 | 2214.9 | 2171.7 | 2026.1 | 1880.0 | 1691.9 |
| -45°   | 1997.1 | 2108.7 | 2169.1 | 2180.8 | 2169.1 | 2108.7 | 1997.1 | 1844.3 | 1643.0 | 1433.2 | 1225.0 |
| -47.5° | 1362.9 | 1544.3 | 1650.7 | 1664.7 | 1650.7 | 1544.3 | 1362.9 | 1166.2 | 983.8  | 813.6  | 641.9  |
| -50°   | 625.9  | 650.2  | 659.1  | 652.6  | 659.1  | 650.2  | 625.9  | 602.3  | 585.1  | 572.1  | 551.3  |
| -52.5° | 581.6  | 591.0  | 595.8  | 597.1  | 595.8  | 591.0  | 581.6  | 572.4  | 562.7  | 548.8  | 532.7  |
| -55°   | 578.3  | 583.4  | 586.8  | 589.8  | 586.8  | 583.4  | 578.3  | 573.4  | 568.3  | 555.8  | 543.4  |
| -57.5° | 593.4  | 604.3  | 609.5  | 611.6  | 609.5  | 604.3  | 593.4  | 581.6  | 569.0  | 548.8  | 527.0  |
| -60°   | 560.6  | 571.3  | 575.2  | 576.2  | 575.2  | 571.3  | 560.6  | 548.9  | 535.9  | 515.2  | 490.9  |
| -62.5° | 522.5  | 536.7  | 541.9  | 543.4  | 541.9  | 536.7  | 522.5  | 507.2  | 490.9  | 468.3  | 442.6  |
| -65°   | 444.8  | 456.8  | 457.6  | 454.2  | 457.6  | 456.8  | 444.8  | 430.8  | 414.7  | 393.3  | 367.8  |
| -67.5° | 337.4  | 348.6  | 349.2  | 345.9  | 349.2  | 348.6  | 337.4  | 324.4  | 310.0  | 293.1  | 273.8  |
| -70°   | 218.3  | 223.5  | 224.6  | 223.9  | 224.6  | 223.5  | 218.3  | 211.6  | 203.2  | 192.8  | 180.2  |
| -72.5° | 127.8  | 132.6  | 131.6  | 129.2  | 131.6  | 132.6  | 127.8  | 122.1  | 115.6  | 108.4  | 100.6  |
| -75°   | 64.9   | 67.6   | 68.6   | 69.2   | 68.6   | 67.6   | 64.9   | 61.9   | 58.5   | 54.8   | 51.0   |
| -77.5° | 39.5   | 42.4   | 43.2   | 43.7   | 43.2   | 42.4   | 39.5   | 36.6   | 33.6   | 30.9   | 29.3   |
| -80°   | 25.2   | 26.3   | 26.4   | 26.4   | 26.4   | 26.3   | 25.2   | 24.1   | 23.0   | 21.8   | 20.9   |
| -82.5° | 18.7   | 19.9   | 20.4   | 20.9   | 20.4   | 19.9   | 18.7   | 17.5   | 16.2   | 14.9   | 14.3   |
| -85°   | 13.4   | 14.6   | 15.0   | 15.5   | 15.0   | 14.6   | 13.4   | 12.2   | 11.0   | 9.8    | 9.5    |
| -87.5° | 10.7   | 11.8   | 12.3   | 12.7   | 12.3   | 11.8   | 10.7   | 9.6    | 8.5    | 7.3    | 7.1    |
| -90°   | 0.2    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.2    | 0.5    | 0.7    | 0.9    | 1.1    |



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**CANDELA DISTRIBUTION (continued):**

|        | 20°     | 22.5°  | 25°    | 27.5°  | 30°    | 32.5°  | 35°    | 37.5°  | 40°    | 42.5°  | 45°    |
|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 90°    | 7.3     | 6.8    | 6.4    | 6.2    | 6.0    | 5.7    | 5.5    | 5.5    | 5.5    | 5.5    | 5.5    |
| 87.5°  | 1.4     | 1.6    | 1.8    | 2.0    | 2.3    | 2.5    | 2.7    | 2.7    | 2.7    | 2.7    | 2.7    |
| 85°    | 1.4     | 1.6    | 1.8    | 2.0    | 2.3    | 2.5    | 2.7    | 2.7    | 2.7    | 2.7    | 2.7    |
| 82.5°  | 1.4     | 1.6    | 1.8    | 2.0    | 2.3    | 2.5    | 2.7    | 2.8    | 2.8    | 2.8    | 2.8    |
| 80°    | 1.7     | 1.7    | 1.8    | 2.1    | 2.3    | 2.5    | 2.7    | 3.0    | 3.2    | 3.4    | 3.4    |
| 77.5°  | 2.1     | 2.2    | 2.3    | 2.5    | 2.6    | 2.7    | 2.8    | 3.0    | 3.2    | 3.4    | 3.6    |
| 75°    | 2.3     | 2.5    | 2.8    | 3.2    | 3.4    | 3.5    | 3.5    | 3.4    | 3.4    | 3.5    | 3.7    |
| 72.5°  | 3.7     | 3.8    | 4.0    | 4.5    | 4.6    | 4.9    | 5.0    | 4.8    | 4.4    | 3.9    | 3.7    |
| 70°    | 5.8     | 6.2    | 7.0    | 8.2    | 9.1    | 9.5    | 9.3    | 8.4    | 6.9    | 5.9    | 5.2    |
| 67.5°  | 7.5     | 8.2    | 9.5    | 11.2   | 12.4   | 13.5   | 14.7   | 15.3   | 14.6   | 12.9   | 8.9    |
| 65°    | 7.9     | 8.8    | 9.9    | 11.0   | 12.6   | 14.7   | 18.5   | 20.6   | 21.2   | 20.3   | 15.4   |
| 62.5°  | 6.8     | 7.9    | 8.6    | 9.5    | 10.7   | 13.2   | 18.5   | 22.7   | 25.9   | 25.8   | 20.1   |
| 60°    | 4.9     | 5.5    | 6.2    | 7.0    | 8.1    | 10.9   | 15.9   | 21.7   | 28.4   | 26.5   | 22.3   |
| 57.5°  | 4.5     | 4.8    | 5.1    | 5.4    | 5.5    | 7.9    | 12.1   | 17.6   | 23.9   | 23.6   | 21.6   |
| 55°    | 5.3     | 5.6    | 5.7    | 5.6    | 5.5    | 6.6    | 8.5    | 12.1   | 17.0   | 18.0   | 17.3   |
| 52.5°  | 5.5     | 6.0    | 6.5    | 7.0    | 6.9    | 6.6    | 6.8    | 9.0    | 10.9   | 12.8   | 13.2   |
| 50°    | 6.4     | 6.6    | 6.9    | 7.2    | 7.6    | 7.5    | 7.2    | 7.3    | 8.6    | 9.9    | 10.3   |
| 47.5°  | 8.4     | 8.7    | 8.2    | 8.1    | 9.0    | 8.7    | 8.3    | 8.2    | 9.2    | 9.0    | 9.5    |
| 45°    | 14.5    | 13.8   | 12.5   | 12.7   | 12.5   | 12.3   | 10.9   | 11.5   | 11.8   | 11.6   | 9.9    |
| 42.5°  | 29.4    | 24.1   | 20.5   | 21.4   | 20.1   | 18.8   | 16.8   | 16.4   | 16.1   | 15.3   | 14.5   |
| 40°    | 45.9    | 44.4   | 40.3   | 37.2   | 34.3   | 29.1   | 25.3   | 22.6   | 21.5   | 20.2   | 20.2   |
| 37.5°  | 65.7    | 67.9   | 69.7   | 68.3   | 59.8   | 48.6   | 38.5   | 31.0   | 27.7   | 28.8   | 27.3   |
| 35°    | 92.2    | 96.0   | 106.0  | 102.7  | 97.3   | 87.0   | 63.4   | 45.5   | 39.8   | 42.7   | 37.6   |
| 32.5°  | 131.5   | 153.8  | 163.9  | 155.7  | 151.7  | 142.7  | 112.3  | 74.0   | 71.3   | 66.4   | 55.5   |
| 30°    | 265.1   | 252.4  | 254.0  | 259.8  | 257.2  | 220.6  | 178.1  | 184.6  | 147.9  | 100.0  | 79.9   |
| 27.5°  | 412.1   | 377.2  | 371.7  | 444.8  | 415.5  | 350.9  | 341.2  | 373.7  | 270.6  | 179.5  | 117.8  |
| 25°    | 609.1   | 588.7  | 566.7  | 644.1  | 661.3  | 548.4  | 540.4  | 569.6  | 494.9  | 290.7  | 166.0  |
| 22.5°  | 818.8   | 800.0  | 790.5  | 825.0  | 849.0  | 756.2  | 723.4  | 761.0  | 740.8  | 427.1  | 254.8  |
| 20°    | 1036.7  | 977.0  | 958.3  | 956.3  | 935.8  | 890.8  | 869.4  | 896.2  | 807.3  | 578.7  | 346.9  |
| 17.5°  | 1312.6  | 1173.7 | 1105.2 | 1066.9 | 1031.4 | 977.2  | 1010.2 | 998.0  | 893.2  | 696.7  | 434.4  |
| 15°    | 1781.9  | 1457.5 | 1317.5 | 1211.0 | 1162.4 | 1194.3 | 1214.6 | 1145.6 | 994.8  | 778.6  | 552.8  |
| 12.5°  | 3343.9  | 1818.6 | 1569.1 | 1407.5 | 1366.5 | 1410.5 | 1437.3 | 1330.5 | 1131.3 | 957.4  | 748.4  |
| 10°    | 5326.8  | 2625.0 | 1873.3 | 1662.3 | 1575.4 | 1602.8 | 1614.9 | 1493.0 | 1318.5 | 1165.1 | 959.0  |
| 7.5°   | 8707.9  | 3833.6 | 2171.1 | 1883.7 | 1741.4 | 1718.0 | 1723.6 | 1610.2 | 1478.8 | 1353.8 | 1177.2 |
| 5°     | 11349.0 | 4608.4 | 2383.9 | 2043.9 | 1871.4 | 1833.7 | 1842.3 | 1699.4 | 1617.7 | 1527.0 | 1394.0 |
| 2.5°   | 11941.8 | 4780.3 | 2550.6 | 2185.4 | 1988.8 | 1950.0 | 1969.6 | 1800.6 | 1735.4 | 1649.2 | 1535.2 |
| 0°     | 13170.5 | 5343.7 | 2675.1 | 2275.5 | 2078.9 | 2057.9 | 2098.0 | 1922.3 | 1844.0 | 1757.6 | 1654.7 |
| -2.5°  | 11434.8 | 4600.9 | 2625.7 | 2243.1 | 2061.4 | 2040.6 | 2108.5 | 1999.6 | 1882.8 | 1767.5 | 1614.0 |
| -5°    | 9701.2  | 4197.6 | 2555.4 | 2191.1 | 2031.8 | 2037.7 | 2126.2 | 2065.5 | 1922.7 | 1779.3 | 1543.7 |
| -7.5°  | 7914.7  | 3649.0 | 2443.8 | 2122.0 | 2004.2 | 2054.6 | 2159.2 | 2120.3 | 1980.3 | 1850.3 | 1568.6 |
| -10°   | 5236.8  | 2976.0 | 2303.0 | 2070.2 | 2018.5 | 2100.9 | 2213.2 | 2165.9 | 2040.2 | 1918.8 | 1557.0 |
| -12.5° | 4116.3  | 2525.5 | 2160.7 | 2032.9 | 2104.5 | 2228.0 | 2280.0 | 2188.4 | 2105.8 | 1987.1 | 1504.9 |
| -15°   | 2878.8  | 2333.0 | 2107.4 | 2099.0 | 2241.3 | 2330.6 | 2311.0 | 2157.0 | 2075.6 | 1999.4 | 1409.8 |
| -17.5° | 2418.1  | 2162.8 | 2029.1 | 2095.3 | 2258.5 | 2361.7 | 2268.9 | 2105.5 | 1976.2 | 1793.3 | 1169.7 |
| -20°   | 2121.5  | 1995.1 | 1987.8 | 2057.2 | 2155.3 | 2176.4 | 2146.0 | 2003.6 | 1833.2 | 1464.3 | 938.8  |



REPORT NUMBER: P731307 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS-08-0320N-40-70-1S-CV2

**CANDELA DISTRIBUTION (continued):**

|        | 20°    | 22.5°  | 25°    | 27.5°  | 30°    | 32.5°  | 35°    | 37.5°  | 40°    | 42.5°  | 45°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| -22.5° | 1919.5 | 1892.0 | 1927.1 | 2004.9 | 1932.3 | 1937.9 | 1918.3 | 1823.5 | 1649.2 | 1120.9 | 724.6 |
| -25°   | 1794.7 | 1816.8 | 1901.4 | 1882.2 | 1760.8 | 1716.0 | 1724.3 | 1623.7 | 1301.7 | 838.7  | 551.5 |
| -27.5° | 1742.1 | 1813.6 | 1870.4 | 1816.9 | 1693.8 | 1595.2 | 1539.2 | 1401.8 | 966.9  | 658.2  | 502.5 |
| -30°   | 1746.5 | 1816.1 | 1825.1 | 1744.5 | 1632.4 | 1529.0 | 1384.3 | 1056.7 | 741.3  | 517.6  | 464.4 |
| -32.5° | 1784.0 | 1784.5 | 1745.0 | 1647.5 | 1555.8 | 1449.2 | 1137.7 | 774.7  | 548.4  | 480.1  | 441.8 |
| -35°   | 1775.5 | 1704.0 | 1610.9 | 1547.8 | 1496.9 | 1219.9 | 884.2  | 594.9  | 483.8  | 449.3  | 423.2 |
| -37.5° | 1708.9 | 1575.8 | 1507.6 | 1433.5 | 1227.1 | 946.4  | 634.3  | 503.0  | 456.4  | 430.1  | 409.6 |
| -40°   | 1662.2 | 1523.9 | 1317.1 | 1146.8 | 894.4  | 613.8  | 520.2  | 473.4  | 441.4  | 414.2  | 398.0 |
| -42.5° | 1446.8 | 1229.9 | 1002.9 | 760.2  | 566.0  | 524.9  | 486.0  | 454.0  | 428.4  | 406.9  | 371.8 |
| -45°   | 1003.2 | 782.3  | 590.0  | 551.8  | 513.6  | 486.3  | 461.3  | 441.3  | 422.6  | 385.0  | 341.7 |
| -47.5° | 592.5  | 560.6  | 526.9  | 501.5  | 479.7  | 460.7  | 451.6  | 436.0  | 396.6  | 356.0  | 312.6 |
| -50°   | 530.4  | 515.2  | 495.5  | 474.9  | 467.0  | 458.8  | 435.9  | 402.9  | 365.3  | 325.6  | 283.8 |
| -52.5° | 515.6  | 505.5  | 494.1  | 480.8  | 457.6  | 432.3  | 402.8  | 369.8  | 334.1  | 294.9  | 254.9 |
| -55°   | 531.1  | 508.9  | 483.4  | 456.7  | 428.3  | 399.1  | 368.6  | 335.7  | 300.5  | 262.9  | 226.8 |
| -57.5° | 504.4  | 479.1  | 450.8  | 421.7  | 392.0  | 360.5  | 328.4  | 296.5  | 265.5  | 231.4  | 198.5 |
| -60°   | 464.6  | 436.7  | 408.8  | 378.4  | 345.5  | 313.7  | 286.3  | 258.0  | 228.9  | 201.7  | 174.0 |
| -62.5° | 417.1  | 391.9  | 360.2  | 327.3  | 297.6  | 271.5  | 245.3  | 220.0  | 197.0  | 173.5  | 141.4 |
| -65°   | 341.6  | 315.1  | 289.6  | 266.1  | 243.7  | 222.7  | 200.9  | 177.3  | 152.8  | 128.9  | 101.9 |
| -67.5° | 254.4  | 235.3  | 217.4  | 199.7  | 180.5  | 161.2  | 140.2  | 119.7  | 102.4  | 85.8   | 66.1  |
| -70°   | 166.4  | 151.3  | 136.3  | 121.7  | 109.5  | 98.2   | 85.5   | 71.9   | 57.9   | 48.6   | 40.5  |
| -72.5° | 92.1   | 82.9   | 74.0   | 65.7   | 56.6   | 51.1   | 46.3   | 40.8   | 35.1   | 29.1   | 24.3  |
| -75°   | 47.0   | 42.9   | 39.1   | 36.0   | 32.5   | 28.6   | 26.4   | 24.9   | 23.3   | 21.9   | 20.2  |
| -77.5° | 27.7   | 26.1   | 24.7   | 23.7   | 22.7   | 21.7   | 20.6   | 19.4   | 18.3   | 17.2   | 15.9  |
| -80°   | 20.0   | 19.1   | 18.2   | 17.5   | 16.8   | 16.1   | 15.4   | 14.5   | 13.5   | 12.7   | 12.0  |
| -82.5° | 13.7   | 13.0   | 12.4   | 12.1   | 11.8   | 11.5   | 11.2   | 10.7   | 10.3   | 9.9    | 9.5   |
| -85°   | 9.2    | 8.9    | 8.6    | 8.5    | 8.4    | 8.3    | 8.1    | 8.0    | 7.8    | 7.7    | 7.5   |
| -87.5° | 6.9    | 6.6    | 6.4    | 6.4    | 6.3    | 6.3    | 6.2    | 6.2    | 6.2    | 6.2    | 6.1   |
| -90°   | 1.4    | 1.6    | 1.8    | 2.0    | 2.3    | 2.5    | 2.7    | 2.7    | 2.7    | 2.7    | 2.7   |





REPORT NUMBER: P731307 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

|        | 47.5°  | 50°   | 52.5° | 55°   | 57.5° | 60°   | 62.5° | 65°   | 67.5° | 70°  | 72.5° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|
| 90°    | 5.5    | 5.5   | 5.5   | 5.5   | 5.5   | 5.5   | 5.5   | 5.5   | 5.3   | 5.1  | 4.8   |
| 87.5°  | 2.9    | 3.2   | 3.4   | 3.6   | 3.6   | 3.6   | 3.6   | 3.6   | 3.9   | 4.1  | 4.4   |
| 85°    | 2.9    | 3.2   | 3.4   | 3.6   | 3.6   | 3.6   | 3.6   | 3.6   | 3.9   | 4.1  | 4.4   |
| 82.5°  | 3.0    | 3.2   | 3.4   | 3.6   | 3.8   | 3.9   | 3.9   | 3.9   | 4.0   | 4.1  | 4.4   |
| 80°    | 3.4    | 3.4   | 3.5   | 3.6   | 3.9   | 4.1   | 4.3   | 4.3   | 4.3   | 4.3  | 4.4   |
| 77.5°  | 3.7    | 3.7   | 3.6   | 3.7   | 3.9   | 4.2   | 4.4   | 4.6   | 4.5   | 4.5  | 4.5   |
| 75°    | 3.9    | 4.1   | 4.1   | 4.1   | 4.1   | 4.2   | 4.4   | 4.6   | 4.6   | 4.6  | 4.6   |
| 72.5°  | 4.0    | 4.2   | 4.5   | 4.6   | 4.4   | 4.4   | 4.5   | 4.6   | 4.6   | 4.6  | 4.6   |
| 70°    | 4.6    | 4.3   | 4.5   | 4.6   | 4.6   | 4.6   | 4.6   | 4.6   | 4.6   | 4.6  | 4.6   |
| 67.5°  | 5.5    | 4.9   | 4.6   | 4.6   | 4.6   | 4.6   | 4.6   | 4.7   | 4.7   | 4.6  | 4.6   |
| 65°    | 10.8   | 7.1   | 4.6   | 4.6   | 4.6   | 4.6   | 4.6   | 4.8   | 4.9   | 4.8  | 4.6   |
| 62.5°  | 15.1   | 10.8  | 7.4   | 5.3   | 4.6   | 4.6   | 4.6   | 4.8   | 5.0   | 5.0  | 4.8   |
| 60°    | 18.3   | 13.3  | 10.0  | 7.5   | 5.5   | 4.6   | 4.7   | 4.9   | 5.1   | 5.2  | 5.0   |
| 57.5°  | 17.7   | 14.8  | 12.2  | 9.5   | 7.1   | 5.3   | 4.7   | 4.9   | 5.1   | 5.3  | 5.3   |
| 55°    | 15.5   | 13.4  | 13.5  | 11.4  | 8.7   | 6.5   | 5.1   | 5.0   | 5.2   | 5.4  | 5.5   |
| 52.5°  | 12.1   | 12.6  | 13.6  | 12.7  | 10.2  | 7.6   | 6.0   | 5.0   | 5.2   | 5.4  | 5.5   |
| 50°    | 9.8    | 11.6  | 13.6  | 13.7  | 11.6  | 8.9   | 6.8   | 5.6   | 5.3   | 5.4  | 5.5   |
| 47.5°  | 10.0   | 11.7  | 13.0  | 14.7  | 13.3  | 10.0  | 7.7   | 6.2   | 5.3   | 5.5  | 5.5   |
| 45°    | 11.6   | 12.8  | 13.4  | 14.5  | 14.8  | 11.2  | 8.6   | 6.6   | 5.7   | 5.5  | 5.5   |
| 42.5°  | 13.7   | 14.8  | 15.2  | 14.5  | 14.7  | 12.2  | 9.3   | 7.2   | 6.0   | 5.6  | 5.5   |
| 40°    | 18.8   | 17.3  | 17.4  | 17.1  | 15.0  | 13.0  | 9.9   | 7.7   | 6.2   | 5.7  | 5.6   |
| 37.5°  | 24.8   | 21.8  | 20.1  | 21.8  | 16.8  | 13.7  | 10.4  | 8.1   | 6.6   | 6.0  | 5.7   |
| 35°    | 32.5   | 27.9  | 26.5  | 28.0  | 22.7  | 14.9  | 10.6  | 8.4   | 7.3   | 6.2  | 5.8   |
| 32.5°  | 41.3   | 40.5  | 40.2  | 35.0  | 30.3  | 16.6  | 11.5  | 9.4   | 8.0   | 6.5  | 5.9   |
| 30°    | 62.2   | 62.8  | 59.4  | 43.2  | 38.8  | 23.5  | 13.5  | 10.6  | 8.9   | 6.7  | 6.1   |
| 27.5°  | 97.4   | 89.0  | 83.1  | 60.2  | 46.6  | 32.0  | 16.3  | 12.0  | 9.9   | 7.1  | 6.3   |
| 25°    | 135.3  | 120.7 | 108.6 | 83.0  | 55.1  | 43.0  | 19.1  | 13.6  | 11.0  | 7.9  | 6.5   |
| 22.5°  | 179.8  | 153.4 | 136.8 | 109.1 | 68.9  | 55.4  | 25.0  | 15.9  | 12.2  | 8.6  | 6.6   |
| 20°    | 224.2  | 185.7 | 167.5 | 133.7 | 89.1  | 66.9  | 34.5  | 18.2  | 13.5  | 9.4  | 6.8   |
| 17.5°  | 274.1  | 226.7 | 200.7 | 158.6 | 111.2 | 79.6  | 44.5  | 20.4  | 14.8  | 10.2 | 7.0   |
| 15°    | 372.6  | 278.0 | 237.1 | 186.1 | 131.6 | 93.3  | 54.8  | 22.5  | 16.2  | 11.0 | 7.2   |
| 12.5°  | 491.8  | 329.3 | 276.1 | 215.4 | 150.3 | 107.6 | 65.1  | 24.5  | 17.6  | 11.9 | 7.5   |
| 10°    | 622.9  | 380.1 | 316.7 | 245.7 | 167.4 | 122.2 | 75.2  | 27.3  | 19.2  | 12.8 | 7.8   |
| 7.5°   | 759.9  | 429.7 | 358.0 | 276.0 | 186.4 | 144.6 | 99.7  | 32.5  | 20.9  | 13.6 | 8.2   |
| 5°     | 893.2  | 477.2 | 403.0 | 321.1 | 223.0 | 174.6 | 127.2 | 37.8  | 22.5  | 14.3 | 8.5   |
| 2.5°   | 1005.6 | 520.9 | 447.8 | 366.0 | 258.7 | 203.5 | 154.5 | 43.1  | 24.1  | 14.9 | 8.8   |
| 0°     | 1102.2 | 561.6 | 489.7 | 407.8 | 293.1 | 231.2 | 180.2 | 48.2  | 25.5  | 15.5 | 9.1   |
| -2.5°  | 1027.0 | 564.1 | 494.5 | 423.7 | 318.9 | 253.6 | 194.6 | 61.1  | 33.1  | 19.6 | 10.9  |
| -5°    | 938.9  | 564.3 | 497.9 | 437.2 | 342.7 | 274.2 | 205.8 | 73.2  | 40.3  | 23.4 | 12.7  |
| -7.5°  | 934.1  | 566.6 | 501.9 | 448.1 | 364.5 | 292.6 | 213.8 | 84.3  | 47.0  | 27.0 | 14.3  |
| -10°   | 922.5  | 569.1 | 506.8 | 450.4 | 369.0 | 299.5 | 217.3 | 94.0  | 53.0  | 30.1 | 15.7  |
| -12.5° | 875.3  | 568.8 | 510.8 | 449.7 | 367.7 | 296.2 | 210.5 | 101.5 | 58.3  | 32.7 | 16.9  |
| -15°   | 787.7  | 565.9 | 514.2 | 445.9 | 363.4 | 291.4 | 202.7 | 107.5 | 63.8  | 35.7 | 17.8  |
| -17.5° | 649.1  | 560.3 | 517.2 | 438.9 | 355.6 | 285.1 | 194.3 | 111.9 | 68.4  | 39.0 | 19.1  |
| -20°   | 586.8  | 541.5 | 517.6 | 428.7 | 344.2 | 277.5 | 185.8 | 114.9 | 72.0  | 41.5 | 20.7  |



REPORT NUMBER: P731307 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS-08-0320N-40-70-1S-CV2

**CANDELA DISTRIBUTION (continued):**

|        | 47.5° | 50°   | 52.5° | 55°   | 57.5° | 60°   | 62.5° | 65°   | 67.5° | 70°  | 72.5° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|
| -22.5° | 546.3 | 513.2 | 483.4 | 414.9 | 331.3 | 268.7 | 177.7 | 116.2 | 74.5  | 43.1 | 21.6  |
| -25°   | 502.7 | 483.6 | 448.3 | 386.0 | 319.4 | 255.1 | 174.0 | 115.9 | 75.8  | 43.7 | 22.0  |
| -27.5° | 466.5 | 451.6 | 418.0 | 358.1 | 301.6 | 243.4 | 172.6 | 116.9 | 76.1  | 43.3 | 21.7  |
| -30°   | 432.6 | 420.5 | 387.9 | 332.9 | 282.9 | 225.6 | 169.2 | 116.4 | 75.6  | 42.7 | 20.6  |
| -32.5° | 412.9 | 396.8 | 359.1 | 311.3 | 262.1 | 207.0 | 159.0 | 114.3 | 73.6  | 41.5 | 20.1  |
| -35°   | 402.4 | 373.9 | 332.8 | 288.9 | 240.6 | 191.3 | 146.3 | 110.6 | 70.1  | 39.3 | 19.5  |
| -37.5° | 390.6 | 350.1 | 307.9 | 265.6 | 218.9 | 174.8 | 135.1 | 100.8 | 65.2  | 36.0 | 18.4  |
| -40°   | 363.7 | 324.3 | 283.3 | 241.9 | 199.3 | 157.6 | 122.8 | 90.3  | 60.1  | 31.7 | 16.9  |
| -42.5° | 335.3 | 296.5 | 257.7 | 218.1 | 179.8 | 142.9 | 109.7 | 79.0  | 52.2  | 28.4 | 14.8  |
| -45°   | 304.1 | 267.8 | 231.4 | 196.1 | 160.3 | 127.3 | 96.3  | 67.3  | 43.6  | 25.4 | 13.2  |
| -47.5° | 272.2 | 239.1 | 206.3 | 173.6 | 141.9 | 110.9 | 82.2  | 57.0  | 34.5  | 21.8 | 12.7  |
| -50°   | 241.6 | 211.4 | 182.0 | 152.8 | 123.1 | 94.5  | 68.1  | 46.2  | 29.2  | 17.1 | 12.1  |
| -52.5° | 216.4 | 185.5 | 159.3 | 132.6 | 104.3 | 77.3  | 55.5  | 35.4  | 23.7  | 14.9 | 11.4  |
| -55°   | 191.7 | 161.7 | 137.9 | 111.2 | 84.7  | 62.1  | 42.3  | 28.9  | 17.9  | 13.8 | 10.6  |
| -57.5° | 169.2 | 140.2 | 113.8 | 88.4  | 66.5  | 47.1  | 32.6  | 22.1  | 15.5  | 12.6 | 10.1  |
| -60°   | 145.1 | 113.7 | 87.5  | 67.5  | 49.1  | 34.8  | 24.7  | 16.8  | 14.1  | 11.4 | 9.5   |
| -62.5° | 111.6 | 85.0  | 64.8  | 47.6  | 35.3  | 25.8  | 17.8  | 15.3  | 12.7  | 10.7 | 8.9   |
| -65°   | 79.5  | 59.5  | 42.8  | 33.7  | 24.9  | 18.4  | 16.0  | 13.6  | 11.7  | 10.0 | 8.3   |
| -67.5° | 48.3  | 38.9  | 30.0  | 21.9  | 18.5  | 16.4  | 14.2  | 12.5  | 10.8  | 9.2  | 7.9   |
| -70°   | 32.3  | 24.3  | 20.4  | 18.3  | 16.4  | 14.4  | 12.9  | 11.4  | 9.9   | 8.6  | 7.4   |
| -72.5° | 22.0  | 19.8  | 17.8  | 15.9  | 14.3  | 12.8  | 11.6  | 10.4  | 9.1   | 7.9  | 6.9   |
| -75°   | 18.3  | 16.6  | 15.0  | 13.6  | 12.3  | 11.2  | 10.3  | 9.4   | 8.3   | 7.3  | 6.5   |
| -77.5° | 14.5  | 13.3  | 12.1  | 11.2  | 10.4  | 9.7   | 9.0   | 8.4   | 7.5   | 6.8  | 6.2   |
| -80°   | 11.3  | 10.6  | 9.9   | 9.2   | 8.7   | 8.2   | 7.9   | 7.6   | 7.0   | 6.4  | 5.9   |
| -82.5° | 8.9   | 8.4   | 7.9   | 7.4   | 7.2   | 7.1   | 7.0   | 6.9   | 6.4   | 6.0  | 5.6   |
| -85°   | 7.1   | 6.7   | 6.3   | 5.9   | 5.9   | 6.0   | 6.1   | 6.3   | 6.0   | 5.7  | 5.4   |
| -87.5° | 6.0   | 5.8   | 5.6   | 5.5   | 5.6   | 5.7   | 5.8   | 5.9   | 5.6   | 5.4  | 5.1   |
| -90°   | 2.9   | 3.2   | 3.4   | 3.6   | 3.6   | 3.6   | 3.6   | 3.6   | 3.9   | 4.1  | 4.4   |



REPORT NUMBER: P731307 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS-08-0320N-40-70-1S-CV2

**CANDELA DISTRIBUTION (continued):**

|        | 75°  | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|------|-------|-----|-------|-----|-------|-----|
| 90°    | 4.6  | 4.6   | 4.6 | 4.6   | 4.6 | 4.6   | 4.6 |
| 87.5°  | 4.6  | 4.6   | 4.6 | 4.6   | 4.6 | 4.6   | 4.6 |
| 85°    | 4.6  | 4.6   | 4.6 | 4.6   | 4.6 | 4.6   | 4.6 |
| 82.5°  | 4.6  | 4.6   | 4.6 | 4.6   | 4.6 | 4.6   | 4.6 |
| 80°    | 4.6  | 4.6   | 4.6 | 4.6   | 4.6 | 4.6   | 4.6 |
| 77.5°  | 4.6  | 4.6   | 4.6 | 4.6   | 4.6 | 4.6   | 4.6 |
| 75°    | 4.6  | 4.6   | 4.6 | 4.6   | 4.6 | 4.6   | 4.6 |
| 72.5°  | 4.6  | 4.6   | 4.6 | 4.6   | 4.6 | 4.6   | 4.6 |
| 70°    | 4.6  | 4.6   | 4.6 | 4.6   | 4.6 | 4.6   | 4.6 |
| 67.5°  | 4.6  | 4.6   | 4.6 | 4.6   | 4.6 | 4.6   | 4.6 |
| 65°    | 4.7  | 4.6   | 4.6 | 4.6   | 4.6 | 4.6   | 4.6 |
| 62.5°  | 4.7  | 4.7   | 4.6 | 4.6   | 4.6 | 4.6   | 4.6 |
| 60°    | 4.8  | 4.8   | 4.6 | 4.6   | 4.6 | 4.6   | 4.6 |
| 57.5°  | 4.9  | 4.9   | 4.7 | 4.6   | 4.6 | 4.6   | 4.6 |
| 55°    | 5.1  | 5.0   | 4.8 | 4.6   | 4.6 | 4.6   | 4.6 |
| 52.5°  | 5.3  | 5.1   | 4.9 | 4.6   | 4.6 | 4.6   | 4.6 |
| 50°    | 5.4  | 5.2   | 5.0 | 4.6   | 4.6 | 4.6   | 4.6 |
| 47.5°  | 5.5  | 5.3   | 5.1 | 4.6   | 4.6 | 4.6   | 4.6 |
| 45°    | 5.5  | 5.3   | 5.2 | 4.7   | 4.6 | 4.6   | 4.6 |
| 42.5°  | 5.5  | 5.4   | 5.3 | 4.8   | 4.6 | 4.6   | 4.6 |
| 40°    | 5.5  | 5.4   | 5.4 | 4.9   | 4.6 | 4.6   | 4.6 |
| 37.5°  | 5.5  | 5.5   | 5.4 | 4.9   | 4.6 | 4.6   | 4.6 |
| 35°    | 5.5  | 5.5   | 5.4 | 5.0   | 4.6 | 4.6   | 4.6 |
| 32.5°  | 5.5  | 5.5   | 5.5 | 5.1   | 4.6 | 4.6   | 4.6 |
| 30°    | 5.6  | 5.5   | 5.5 | 5.1   | 4.6 | 4.6   | 4.6 |
| 27.5°  | 5.7  | 5.5   | 5.5 | 5.2   | 4.6 | 4.6   | 4.6 |
| 25°    | 5.8  | 5.5   | 5.5 | 5.2   | 4.6 | 4.6   | 4.6 |
| 22.5°  | 5.9  | 5.5   | 5.5 | 5.3   | 4.6 | 4.6   | 4.6 |
| 20°    | 6.1  | 5.6   | 5.5 | 5.3   | 4.6 | 4.6   | 4.6 |
| 17.5°  | 6.2  | 5.7   | 5.5 | 5.4   | 4.6 | 4.6   | 4.6 |
| 15°    | 6.4  | 5.8   | 5.5 | 5.4   | 4.6 | 4.6   | 4.6 |
| 12.5°  | 6.6  | 5.9   | 5.5 | 5.4   | 4.6 | 4.6   | 4.6 |
| 10°    | 6.7  | 6.0   | 5.5 | 5.5   | 4.6 | 4.6   | 4.6 |
| 7.5°   | 6.9  | 6.1   | 5.5 | 5.5   | 4.6 | 4.6   | 4.6 |
| 5°     | 7.0  | 6.2   | 5.5 | 5.5   | 4.6 | 4.6   | 4.6 |
| 2.5°   | 7.2  | 6.3   | 5.5 | 5.5   | 4.6 | 4.6   | 4.6 |
| 0°     | 7.3  | 6.4   | 5.5 | 5.5   | 4.6 | 4.6   | 4.6 |
| -2.5°  | 7.8  | 6.5   | 5.6 | 5.5   | 4.6 | 4.6   | 4.6 |
| -5°    | 8.2  | 6.6   | 5.7 | 5.5   | 4.7 | 4.6   | 4.6 |
| -7.5°  | 8.6  | 6.7   | 5.7 | 5.5   | 4.7 | 4.6   | 4.6 |
| -10°   | 9.0  | 6.7   | 5.8 | 5.5   | 4.8 | 4.6   | 4.6 |
| -12.5° | 9.3  | 6.8   | 5.9 | 5.5   | 4.8 | 4.6   | 4.6 |
| -15°   | 9.5  | 6.8   | 5.9 | 5.4   | 4.8 | 4.6   | 4.6 |
| -17.5° | 9.7  | 6.9   | 5.9 | 5.4   | 4.8 | 4.6   | 4.6 |
| -20°   | 10.0 | 6.9   | 6.0 | 5.4   | 4.9 | 4.6   | 4.6 |



REPORT NUMBER: P731307 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS-08-0320N-40-70-1S-CV2

**CANDELA DISTRIBUTION (continued):**

|        | 75°  | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|------|-------|-----|-------|-----|-------|-----|
| -22.5° | 10.6 | 6.9   | 6.0 | 5.4   | 4.9 | 4.6   | 4.6 |
| -25°   | 10.9 | 7.1   | 6.0 | 5.4   | 4.9 | 4.6   | 4.6 |
| -27.5° | 11.0 | 7.3   | 6.0 | 5.4   | 4.9 | 4.6   | 4.6 |
| -30°   | 10.8 | 7.4   | 5.9 | 5.4   | 4.9 | 4.6   | 4.6 |
| -32.5° | 10.3 | 7.5   | 6.0 | 5.4   | 4.9 | 4.6   | 4.6 |
| -35°   | 10.1 | 7.6   | 6.0 | 5.4   | 4.9 | 4.6   | 4.6 |
| -37.5° | 10.2 | 7.5   | 6.0 | 5.5   | 4.9 | 4.6   | 4.6 |
| -40°   | 10.1 | 7.5   | 6.0 | 5.5   | 4.9 | 4.6   | 4.6 |
| -42.5° | 9.9  | 7.5   | 6.0 | 5.5   | 4.9 | 4.6   | 4.6 |
| -45°   | 9.6  | 7.4   | 6.0 | 5.5   | 4.9 | 4.6   | 4.6 |
| -47.5° | 9.3  | 7.3   | 6.0 | 5.6   | 4.8 | 4.6   | 4.6 |
| -50°   | 9.0  | 7.1   | 6.0 | 5.5   | 4.8 | 4.6   | 4.6 |
| -52.5° | 8.7  | 6.9   | 6.0 | 5.4   | 4.8 | 4.6   | 4.6 |
| -55°   | 8.4  | 6.8   | 6.0 | 5.3   | 4.7 | 4.6   | 4.6 |
| -57.5° | 8.0  | 6.7   | 5.9 | 5.3   | 4.7 | 4.6   | 4.6 |
| -60°   | 7.6  | 6.5   | 5.8 | 5.2   | 4.6 | 4.6   | 4.6 |
| -62.5° | 7.4  | 6.4   | 5.7 | 5.1   | 4.6 | 4.6   | 4.6 |
| -65°   | 7.1  | 6.2   | 5.6 | 5.0   | 4.6 | 4.6   | 4.6 |
| -67.5° | 6.7  | 6.0   | 5.5 | 4.9   | 4.6 | 4.6   | 4.6 |
| -70°   | 6.4  | 5.8   | 5.3 | 4.8   | 4.6 | 4.6   | 4.6 |
| -72.5° | 6.1  | 5.7   | 5.2 | 4.8   | 4.6 | 4.6   | 4.6 |
| -75°   | 5.9  | 5.5   | 5.0 | 4.8   | 4.6 | 4.6   | 4.6 |
| -77.5° | 5.7  | 5.3   | 5.0 | 4.7   | 4.6 | 4.6   | 4.6 |
| -80°   | 5.5  | 5.2   | 4.9 | 4.7   | 4.6 | 4.6   | 4.6 |
| -82.5° | 5.3  | 5.0   | 4.8 | 4.7   | 4.6 | 4.6   | 4.6 |
| -85°   | 5.1  | 4.9   | 4.8 | 4.7   | 4.6 | 4.6   | 4.6 |
| -87.5° | 4.8  | 4.7   | 4.7 | 4.6   | 4.6 | 4.6   | 4.6 |
| -90°   | 4.6  | 4.6   | 4.6 | 4.6   | 4.6 | 4.6   | 4.6 |

(END OF REPORT)

Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report



Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report





Horizontal Angle (degrees)



Horizontal Angle (degrees)



Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report

