

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: P731347 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-LS-08-0320N-40-80-5S-CV2**

Issue Date: 11/16/2023

**Test Information**

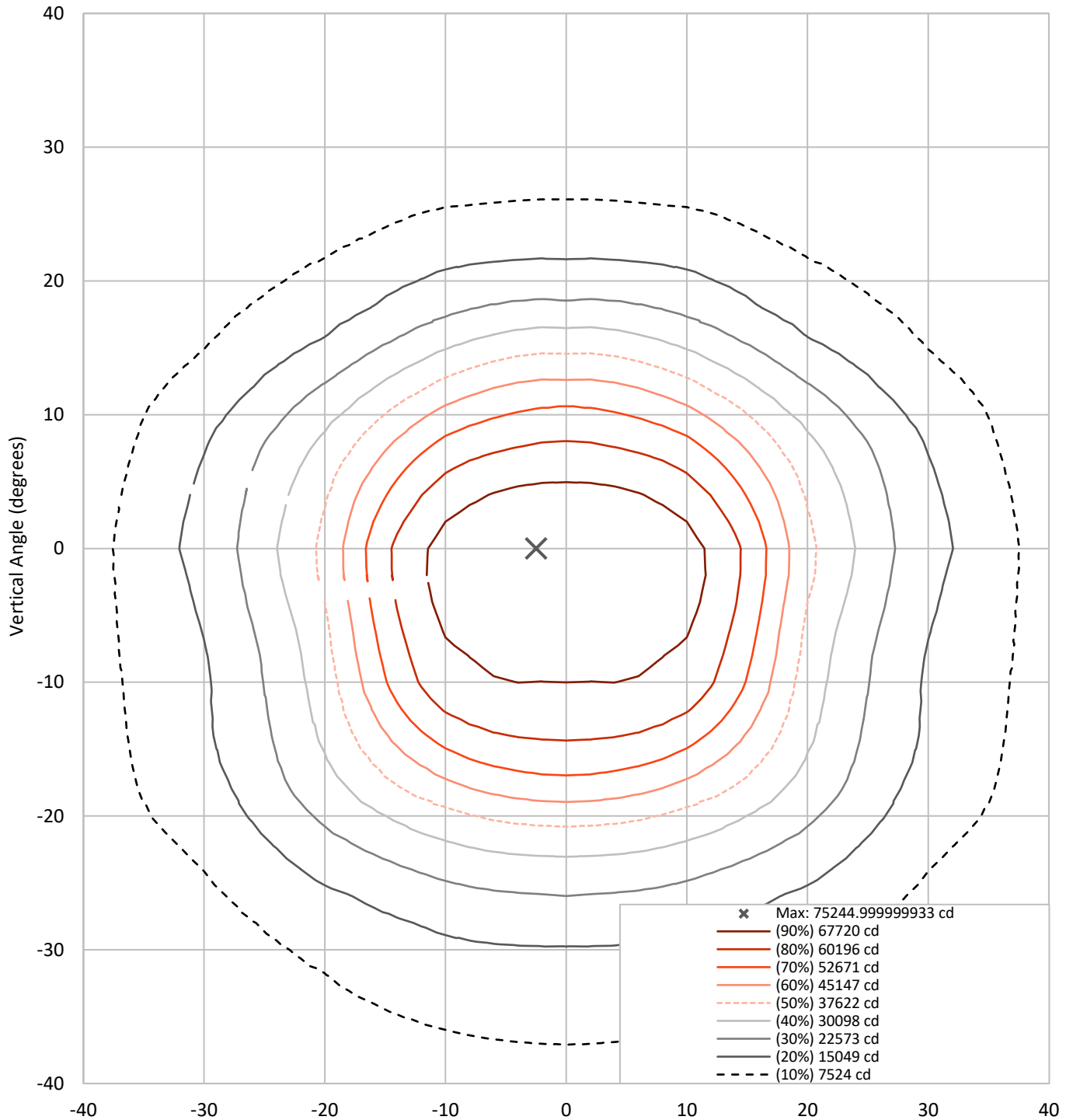
Test Method: LM-79-08  
Report Number: P731347 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-32)  
Test Lab: INNOVATION CENTER  
Issue Date: 11/16/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHESUS  
Catalog Number: EPH-LS-08-0320N-40-80-5S-CV2  
Description: EPHESUS LUMASPORT 8 INTEGRAL LUMINAIRE  
(8) 4000K, 80 CRI LEDS AND 5S BEAM SHAPE WITH 2 LOUVER CUTOFF VISOR  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

|                                   |                                      |                      |                |
|-----------------------------------|--------------------------------------|----------------------|----------------|
| Lumens per Lamp:                  | N/A                                  | NEMA Type:           | 5H x 4V        |
| Luminaire Lumens:                 | 37135.6 lumens                       | Max Intensity:       | 75245 candela  |
| Efficiency:                       | N/A                                  | Max Intensity Angle: | -2.5°H x 0°V   |
| Efficacy:                         | 107.4 lumens/watt                    |                      |                |
| Luminous Opening:                 | Rectangular (W 1.5' x L: 1' x H: 0') |                      |                |
| Beam Angle (50%):                 | 41.5°H x 35.3°V                      | Field Angle (10%):   | 75°H x 63°V    |
| Beam Lumens:                      | 20425.3 lumens                       | Field Lumens:        | 34020.4 lumens |
| Beam Efficiency:                  | 55.0%                                | Field Efficiency:    | 91.6%          |
| Input Watts (W):                  | 345.8                                |                      |                |
| 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





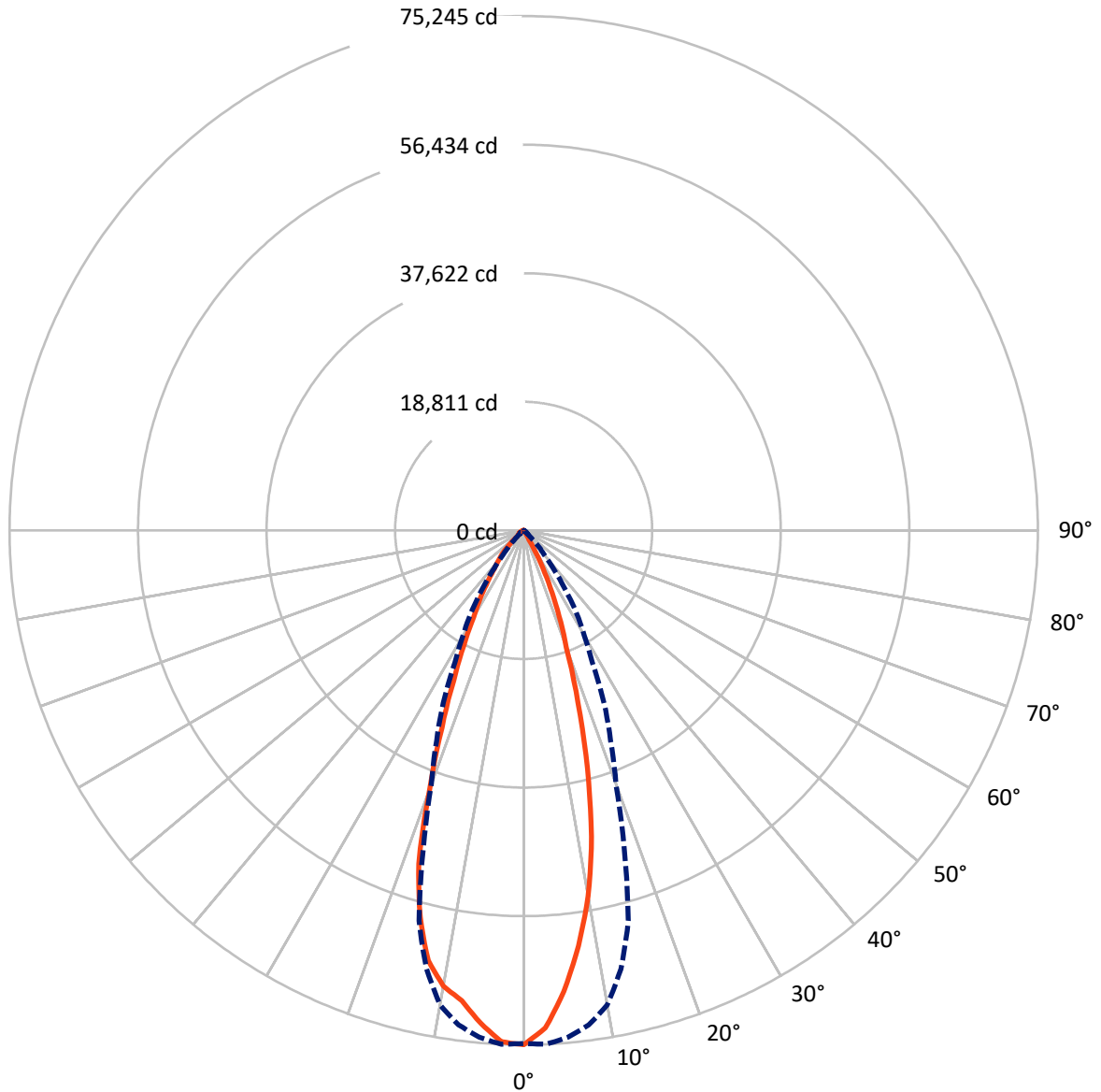
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### Lumen Table

|     |     |     |     |      |       |       |        |        |        |        |       |       |      |     |     |     |
|-----|-----|-----|-----|------|-------|-------|--------|--------|--------|--------|-------|-------|------|-----|-----|-----|
| 90  |     |     |     |      |       |       |        |        |        |        |       |       |      |     |     |     |
| 80  | 0.1 | 0.3 |     | 0.3  |       | 0.3   |        | 0.3    |        | 0.3    |       | 0.3   |      | 0.1 |     |     |
| 70  |     |     |     |      |       |       |        |        |        |        |       |       |      |     |     |     |
| 60  | 0.1 | 0.1 | 0.1 | 0.2  | 0.3   | 0.2   | 0.2    | 0.2    | 0.2    | 0.2    | 0.2   | 0.3   | 0.2  | 0.1 | 0.1 | 0.1 |
| 50  |     | 0.1 | 0.1 | 0.4  | 0.4   | 0.2   | 0.2    | 0.3    | 0.3    | 0.2    | 0.2   | 0.4   | 0.4  | 0.1 | 0.1 |     |
| 40  | 0.1 | 0.1 | 0.2 | 0.3  | 0.4   | 0.6   | 0.9    | 1.1    | 1.1    | 0.9    | 0.6   | 0.4   | 0.3  | 0.2 | 0.1 | 0.1 |
| 30  |     | 0.1 | 0.5 | 1.1  | 3.0   | 8.3   | 14.4   | 18.4   | 18.4   | 14.4   | 8.3   | 3.0   | 1.1  | 0.5 | 0.1 |     |
| 20  | 0.1 | 0.2 | 1.6 | 5.7  | 33.0  | 94.8  | 192.7  | 278.2  | 278.2  | 192.7  | 94.8  | 33.0  | 5.7  | 1.6 | 0.2 | 0.1 |
| 10  |     | 0.4 | 3.5 | 18.5 | 117.3 | 343.7 | 704.5  | 1040.8 | 1040.8 | 704.5  | 343.7 | 117.3 | 18.5 | 3.5 | 0.4 |     |
| 0   | 0.2 | 0.8 | 6.0 | 40.2 | 241.3 | 689.1 | 1442.9 | 1969.3 | 1969.3 | 1442.9 | 689.1 | 241.3 | 40.2 | 6.0 | 0.8 | 0.2 |
| -10 |     | 1.4 | 8.1 | 48.7 | 252.6 | 705.7 | 1619.3 | 2158.3 | 2158.3 | 1619.3 | 705.7 | 252.6 | 48.7 | 8.1 | 1.4 |     |
| -20 | 0.2 | 1.6 | 8.4 | 39.1 | 214.5 | 581.0 | 1223.5 | 1684.9 | 1684.9 | 1223.5 | 581.0 | 214.5 | 39.1 | 8.4 | 1.6 | 0.2 |
| -30 |     | 1.4 | 6.8 | 18.3 | 107.6 | 310.9 | 571.7  | 750.7  | 750.7  | 571.7  | 310.9 | 107.6 | 18.3 | 6.8 | 1.4 |     |
| -40 | 0.2 | 1.1 | 4.7 | 10.7 | 31.4  | 117.1 | 215.5  | 281.2  | 281.2  | 215.5  | 117.1 | 31.4  | 10.7 | 4.7 | 1.1 | 0.2 |
| -50 |     | 0.6 | 2.9 | 7.5  | 13.9  | 26.0  | 58.6   | 88.4   | 88.4   | 58.6   | 26.0  | 13.9  | 7.5  | 2.9 | 0.6 |     |
| -60 | 0.1 | 0.3 | 1.4 | 4.2  | 8.8   | 14.6  | 20.0   | 23.1   | 23.1   | 20.0   | 14.6  | 8.8   | 4.2  | 1.4 | 0.3 | 0.1 |
| -70 |     | 0.1 | 0.5 | 1.6  | 3.7   | 6.5   | 9.7    | 11.6   | 11.6   | 9.7    | 6.5   | 3.7   | 1.6  | 0.5 | 0.1 |     |
| -80 |     |     |     |      |       |       |        |        |        |        |       |       |      |     |     |     |
| -90 | 0.1 | 0.4 |     | 1.3  |       | 3.5   |        | 4.9    |        | 3.5    |       | 1.3   |      | 0.4 | 0.1 |     |

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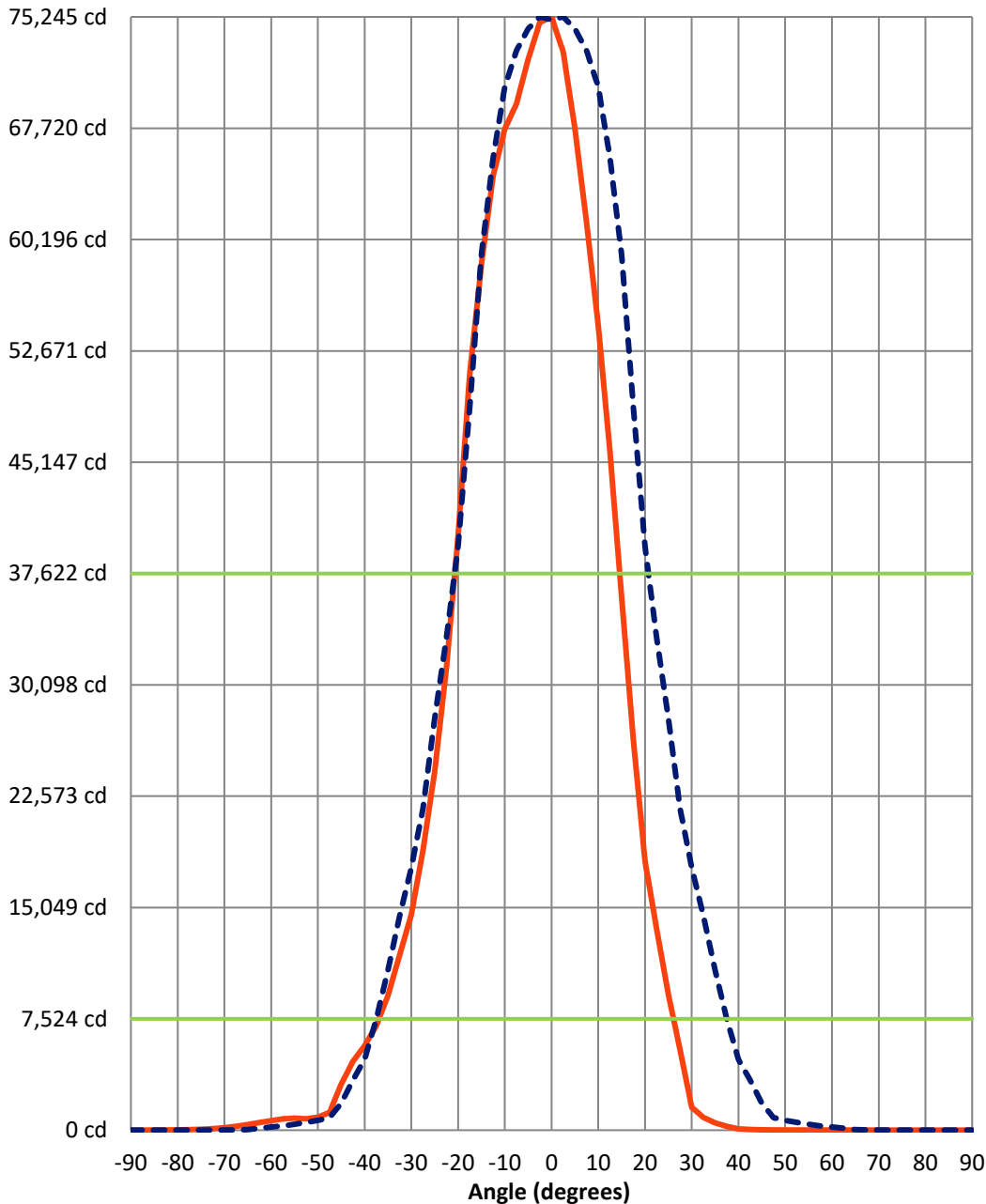
### Luminous Intensity Polar Plot



— Vertical Distribution Through -2.5-Deg      - - - Horizontal Distribution Through 0-Deg

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 41.5°  
 V Angle: 35.3°  
 Lumens: 20425.3  
 Efficiency: 55.0%

**Field:**  
 H Angle: 75°  
 V Angle: 63°  
 Lumens: 34020.4  
 Efficiency: 91.6%

**Spill:**  
 Lumens: 3115.2  
 Efficiency: 8.4%

— Vertical Distribution through -2.5-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°    | 4.4  | 4.4    | 4.4  | 4.4    | 4.4  | 4.4    | 4.4  | 4.4    | 4.4  | 4.4    | 4.4  |
| 87.5°  | 4.4  | 4.4    | 4.4  | 4.4    | 4.4  | 4.4    | 4.4  | 4.4    | 4.4  | 4.4    | 4.4  |
| 85°    | 4.4  | 4.4    | 4.4  | 4.4    | 4.4  | 4.4    | 4.4  | 4.4    | 4.4  | 4.4    | 4.4  |
| 82.5°  | 4.4  | 4.4    | 4.4  | 4.4    | 4.4  | 4.4    | 4.4  | 4.4    | 4.4  | 4.4    | 4.4  |
| 80°    | 4.4  | 4.4    | 4.4  | 4.4    | 4.4  | 4.4    | 4.4  | 4.4    | 4.4  | 4.4    | 4.4  |
| 77.5°  | 4.4  | 4.4    | 4.4  | 4.4    | 4.4  | 4.4    | 4.4  | 4.4    | 4.4  | 4.4    | 4.4  |
| 75°    | 4.4  | 4.4    | 4.4  | 4.4    | 4.4  | 4.4    | 4.4  | 4.4    | 4.4  | 4.5    | 4.4  |
| 72.5°  | 4.4  | 4.4    | 4.4  | 4.4    | 4.4  | 4.4    | 4.4  | 4.5    | 4.6  | 4.6    | 4.5  |
| 70°    | 4.4  | 4.4    | 4.4  | 4.4    | 4.4  | 4.4    | 4.4  | 4.7    | 4.9  | 4.8    | 4.9  |
| 67.5°  | 4.4  | 4.4    | 4.4  | 4.4    | 4.4  | 4.4    | 4.7  | 5.0    | 5.1  | 5.1    | 5.2  |
| 65°    | 4.4  | 4.4    | 4.4  | 4.4    | 4.4  | 4.5    | 5.0  | 5.3    | 5.3  | 5.3    | 5.5  |
| 62.5°  | 4.4  | 4.4    | 4.4  | 4.4    | 4.4  | 4.7    | 5.2  | 5.4    | 5.4  | 5.5    | 5.5  |
| 60°    | 4.4  | 4.4    | 4.4  | 4.4    | 4.4  | 4.9    | 5.5  | 5.5    | 5.5  | 5.5    | 5.5  |
| 57.5°  | 4.4  | 4.4    | 4.4  | 4.4    | 4.6  | 5.1    | 5.5  | 5.5    | 5.5  | 5.5    | 5.5  |
| 55°    | 4.4  | 4.4    | 4.4  | 4.4    | 4.7  | 5.3    | 5.5  | 5.5    | 5.5  | 5.5    | 5.5  |
| 52.5°  | 4.4  | 4.4    | 4.4  | 4.4    | 4.9  | 5.5    | 5.5  | 5.5    | 5.5  | 5.5    | 5.5  |
| 50°    | 4.4  | 4.4    | 4.4  | 4.4    | 5.0  | 5.5    | 5.5  | 5.5    | 5.5  | 5.5    | 5.8  |
| 47.5°  | 4.4  | 4.4    | 4.4  | 4.4    | 5.2  | 5.5    | 5.5  | 5.5    | 5.5  | 5.5    | 6.2  |
| 45°    | 4.4  | 4.4    | 4.4  | 4.5    | 5.3  | 5.5    | 5.5  | 5.5    | 5.5  | 5.8    | 6.6  |
| 42.5°  | 4.4  | 4.4    | 4.4  | 4.6    | 5.4  | 5.5    | 5.5  | 5.5    | 5.6  | 6.1    | 6.9  |
| 40°    | 4.4  | 4.4    | 4.4  | 4.7    | 5.5  | 5.5    | 5.5  | 5.6    | 5.8  | 6.4    | 7.2  |
| 37.5°  | 4.4  | 4.4    | 4.4  | 4.8    | 5.5  | 5.5    | 5.5  | 5.7    | 6.1  | 6.8    | 7.5  |
| 35°    | 4.4  | 4.4    | 4.4  | 4.8    | 5.5  | 5.5    | 5.5  | 5.9    | 6.4  | 7.2    | 7.8  |
| 32.5°  | 4.4  | 4.4    | 4.4  | 4.9    | 5.5  | 5.5    | 5.5  | 6.0    | 6.7  | 7.6    | 8.4  |
| 30°    | 4.4  | 4.4    | 4.4  | 4.9    | 5.5  | 5.5    | 5.6  | 6.2    | 7.0  | 8.0    | 9.0  |
| 27.5°  | 4.4  | 4.4    | 4.4  | 4.9    | 5.5  | 5.5    | 5.8  | 6.4    | 7.3  | 8.5    | 9.7  |
| 25°    | 4.4  | 4.4    | 4.4  | 4.9    | 5.4  | 5.5    | 5.9  | 6.7    | 7.7  | 9.1    | 10.6 |
| 22.5°  | 4.4  | 4.4    | 4.4  | 4.9    | 5.4  | 5.5    | 6.0  | 6.9    | 8.1  | 9.7    | 12.4 |
| 20°    | 4.4  | 4.4    | 4.4  | 4.9    | 5.4  | 5.5    | 6.2  | 7.1    | 8.5  | 10.4   | 14.3 |
| 17.5°  | 4.4  | 4.4    | 4.4  | 4.8    | 5.4  | 5.5    | 6.3  | 7.3    | 8.8  | 11.0   | 16.2 |
| 15°    | 4.4  | 4.4    | 4.4  | 4.8    | 5.4  | 5.5    | 6.4  | 7.4    | 9.2  | 11.7   | 18.1 |
| 12.5°  | 4.4  | 4.4    | 4.4  | 4.7    | 5.4  | 5.5    | 6.4  | 7.5    | 9.6  | 12.4   | 19.9 |
| 10°    | 4.4  | 4.4    | 4.4  | 4.7    | 5.5  | 5.5    | 6.5  | 7.6    | 9.9  | 13.4   | 22.4 |
| 7.5°   | 4.4  | 4.4    | 4.4  | 4.6    | 5.5  | 5.5    | 6.5  | 7.6    | 10.2 | 14.5   | 26.5 |
| 5°     | 4.4  | 4.4    | 4.4  | 4.5    | 5.5  | 5.5    | 6.6  | 7.7    | 10.5 | 15.5   | 30.6 |
| 2.5°   | 4.4  | 4.4    | 4.4  | 4.5    | 5.5  | 5.5    | 6.6  | 7.7    | 10.8 | 16.6   | 34.6 |
| 0°     | 4.4  | 4.4    | 4.4  | 4.4    | 5.5  | 5.5    | 6.6  | 7.7    | 11.0 | 17.5   | 38.4 |
| -2.5°  | 4.4  | 4.4    | 4.4  | 4.5    | 5.5  | 5.7    | 7.0  | 8.7    | 13.9 | 24.0   | 49.6 |
| -5°    | 4.4  | 4.4    | 4.4  | 4.5    | 5.5  | 6.0    | 7.5  | 9.7    | 16.7 | 30.2   | 60.2 |
| -7.5°  | 4.4  | 4.4    | 4.4  | 4.6    | 5.5  | 6.2    | 7.8  | 10.6   | 19.3 | 35.9   | 69.7 |
| -10°   | 4.4  | 4.4    | 4.4  | 4.7    | 5.5  | 6.4    | 8.2  | 11.5   | 21.5 | 40.9   | 78.0 |
| -12.5° | 4.4  | 4.4    | 4.4  | 4.7    | 5.4  | 6.6    | 8.5  | 12.2   | 23.4 | 45.1   | 83.8 |
| -15°   | 4.4  | 4.4    | 4.4  | 4.8    | 5.4  | 6.7    | 8.8  | 12.8   | 25.2 | 48.7   | 87.8 |
| -17.5° | 4.4  | 4.4    | 4.4  | 4.8    | 5.4  | 6.8    | 9.0  | 13.7   | 26.9 | 51.4   | 90.4 |
| -20°   | 4.4  | 4.4    | 4.4  | 4.9    | 5.4  | 6.8    | 9.3  | 14.7   | 28.1 | 53.0   | 91.6 |



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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° | 4.4  | 4.4    | 4.4  | 4.9    | 5.4  | 6.8    | 9.6  | 15.4   | 28.5 | 53.5   | 91.3 |
| -25°   | 4.4  | 4.4    | 4.4  | 4.9    | 5.4  | 6.8    | 9.8  | 15.7   | 28.2 | 52.8   | 89.5 |
| -27.5° | 4.4  | 4.4    | 4.4  | 4.9    | 5.5  | 6.7    | 9.8  | 15.8   | 27.1 | 51.5   | 88.5 |
| -30°   | 4.4  | 4.4    | 4.4  | 4.9    | 5.5  | 6.6    | 9.7  | 15.4   | 26.5 | 50.2   | 85.9 |
| -32.5° | 4.4  | 4.4    | 4.4  | 4.9    | 5.6  | 6.4    | 9.3  | 15.2   | 26.1 | 47.8   | 81.6 |
| -35°   | 4.4  | 4.4    | 4.4  | 4.8    | 5.6  | 6.2    | 9.0  | 14.8   | 25.2 | 44.2   | 75.5 |
| -37.5° | 4.4  | 4.4    | 4.4  | 4.8    | 5.6  | 6.1    | 8.8  | 14.1   | 23.7 | 39.5   | 66.7 |
| -40°   | 4.4  | 4.4    | 4.4  | 4.7    | 5.7  | 6.1    | 8.4  | 13.1   | 21.7 | 36.3   | 58.4 |
| -42.5° | 4.4  | 4.4    | 4.4  | 4.6    | 5.6  | 6.1    | 8.0  | 11.8   | 19.9 | 32.6   | 49.7 |
| -45°   | 4.4  | 4.4    | 4.4  | 4.6    | 5.5  | 6.2    | 7.5  | 10.7   | 18.1 | 28.4   | 41.2 |
| -47.5° | 4.4  | 4.4    | 4.4  | 4.5    | 5.4  | 6.1    | 7.0  | 10.0   | 15.9 | 24.0   | 36.2 |
| -50°   | 4.4  | 4.4    | 4.4  | 4.5    | 5.3  | 6.1    | 6.8  | 9.3    | 13.1 | 20.9   | 30.9 |
| -52.5° | 4.4  | 4.4    | 4.4  | 4.5    | 5.2  | 6.1    | 6.8  | 8.4    | 11.5 | 17.4   | 25.5 |
| -55°   | 4.4  | 4.4    | 4.4  | 4.5    | 5.1  | 5.9    | 6.6  | 7.6    | 10.3 | 13.8   | 21.3 |
| -57.5° | 4.4  | 4.4    | 4.4  | 4.5    | 4.9  | 5.8    | 6.5  | 7.4    | 9.0  | 11.8   | 16.8 |
| -60°   | 4.4  | 4.4    | 4.4  | 4.6    | 4.8  | 5.6    | 6.4  | 7.1    | 7.9  | 10.3   | 13.0 |
| -62.5° | 4.4  | 4.4    | 4.4  | 4.6    | 4.8  | 5.4    | 6.1  | 6.9    | 7.6  | 8.6    | 11.1 |
| -65°   | 4.4  | 4.4    | 4.4  | 4.6    | 4.8  | 5.2    | 5.9  | 6.6    | 7.3  | 8.0    | 9.2  |
| -67.5° | 4.4  | 4.4    | 4.4  | 4.6    | 4.9  | 5.1    | 5.7  | 6.3    | 7.0  | 7.7    | 8.3  |
| -70°   | 4.4  | 4.4    | 4.4  | 4.6    | 4.9  | 5.1    | 5.4  | 6.1    | 6.7  | 7.3    | 7.9  |
| -72.5° | 4.4  | 4.4    | 4.4  | 4.6    | 4.9  | 5.2    | 5.4  | 5.8    | 6.4  | 6.9    | 7.5  |
| -75°   | 4.4  | 4.4    | 4.4  | 4.6    | 4.9  | 5.2    | 5.4  | 5.7    | 6.0  | 6.5    | 7.1  |
| -77.5° | 4.4  | 4.4    | 4.4  | 4.6    | 4.9  | 5.2    | 5.5  | 5.6    | 5.9  | 6.2    | 6.7  |
| -80°   | 4.4  | 4.4    | 4.4  | 4.5    | 4.8  | 5.1    | 5.5  | 5.5    | 5.7  | 5.9    | 6.2  |
| -82.5° | 4.4  | 4.4    | 4.4  | 4.5    | 4.7  | 4.9    | 5.2  | 5.4    | 5.5  | 5.6    | 5.8  |
| -85°   | 4.4  | 4.4    | 4.4  | 4.5    | 4.6  | 4.8    | 5.0  | 5.1    | 5.2  | 5.2    | 5.3  |
| -87.5° | 4.4  | 4.4    | 4.4  | 4.4    | 4.5  | 4.6    | 4.7  | 4.7    | 4.8  | 4.8    | 4.9  |
| -90°   | 4.4  | 4.4    | 4.4  | 4.4    | 4.4  | 4.4    | 4.4  | 4.4    | 4.4  | 4.4    | 4.4  |





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**CANDELA DISTRIBUTION (continued):**

|        | -62.5° | -60°  | -57.5° | -55°  | -52.5° | -50°  | -47.5° | -45°   | -42.5° | -40°   | -37.5° |
|--------|--------|-------|--------|-------|--------|-------|--------|--------|--------|--------|--------|
| 90°    | 4.4    | 4.4   | 4.4    | 4.4   | 4.1    | 3.9   | 3.6    | 3.3    | 3.3    | 3.3    | 3.3    |
| 87.5°  | 4.3    | 4.1   | 4.0    | 3.9   | 3.8    | 3.7   | 3.5    | 3.3    | 3.0    | 2.8    | 2.5    |
| 85°    | 4.4    | 4.4   | 4.4    | 4.4   | 4.1    | 3.9   | 3.6    | 3.3    | 3.2    | 3.0    | 3.0    |
| 82.5°  | 4.4    | 4.4   | 4.4    | 4.4   | 4.2    | 3.9   | 3.6    | 3.3    | 3.3    | 3.3    | 3.3    |
| 80°    | 4.4    | 4.4   | 4.4    | 4.4   | 4.2    | 3.9   | 3.6    | 3.3    | 3.3    | 3.3    | 3.4    |
| 77.5°  | 4.4    | 4.4   | 4.4    | 4.4   | 4.2    | 4.0   | 3.9    | 3.9    | 3.9    | 3.8    | 3.6    |
| 75°    | 4.4    | 4.4   | 4.5    | 4.4   | 4.3    | 4.3   | 4.4    | 4.4    | 4.2    | 4.0    | 3.7    |
| 72.5°  | 4.6    | 4.7   | 4.7    | 4.5   | 4.4    | 4.4   | 4.4    | 4.4    | 4.5    | 4.6    | 4.5    |
| 70°    | 5.0    | 5.1   | 4.9    | 4.6   | 4.4    | 4.5   | 5.0    | 5.6    | 6.1    | 6.1    | 6.0    |
| 67.5°  | 5.4    | 5.2   | 4.9    | 4.7   | 4.8    | 5.4   | 6.1    | 7.0    | 7.8    | 7.8    | 8.0    |
| 65°    | 5.5    | 5.2   | 5.1    | 5.2   | 5.5    | 6.4   | 7.4    | 8.4    | 10.7   | 12.1   | 12.8   |
| 62.5°  | 5.5    | 5.3   | 5.4    | 5.8   | 6.6    | 7.7   | 9.2    | 11.8   | 15.4   | 17.4   | 16.9   |
| 60°    | 5.5    | 5.5   | 5.9    | 6.7   | 7.6    | 8.7   | 11.1   | 14.7   | 19.5   | 23.0   | 20.9   |
| 57.5°  | 5.5    | 5.8   | 6.5    | 7.4   | 8.2    | 9.1   | 12.3   | 16.9   | 22.5   | 28.6   | 24.8   |
| 55°    | 5.7    | 6.3   | 7.1    | 7.9   | 8.7    | 9.5   | 12.8   | 18.0   | 24.4   | 28.0   | 24.4   |
| 52.5°  | 6.1    | 6.7   | 7.5    | 8.3   | 9.2    | 10.0  | 12.5   | 17.5   | 21.3   | 24.1   | 22.3   |
| 50°    | 6.5    | 7.1   | 7.9    | 8.8   | 9.7    | 10.7  | 11.1   | 15.2   | 18.2   | 19.5   | 19.3   |
| 47.5°  | 6.9    | 7.6   | 8.3    | 9.3   | 10.5   | 11.3  | 11.3   | 13.3   | 15.5   | 16.9   | 15.8   |
| 45°    | 7.3    | 8.0   | 8.7    | 10.1  | 11.4   | 12.2  | 12.8   | 12.3   | 15.9   | 16.8   | 16.1   |
| 42.5°  | 7.7    | 8.4   | 9.7    | 11.0  | 12.7   | 14.5  | 15.5   | 16.7   | 18.4   | 20.1   | 19.7   |
| 40°    | 8.0    | 8.8   | 11.0   | 13.6  | 14.8   | 18.1  | 21.4   | 23.4   | 24.1   | 25.6   | 25.7   |
| 37.5°  | 8.4    | 10.2  | 13.6   | 19.0  | 19.1   | 24.1  | 28.7   | 33.3   | 34.7   | 32.2   | 36.5   |
| 35°    | 8.7    | 11.8  | 20.6   | 27.1  | 28.1   | 31.9  | 39.6   | 46.7   | 51.0   | 48.5   | 52.5   |
| 32.5°  | 9.7    | 13.5  | 29.6   | 36.5  | 43.2   | 46.7  | 52.2   | 67.5   | 82.2   | 86.7   | 78.9   |
| 30°    | 11.4   | 21.7  | 40.0   | 46.7  | 62.8   | 73.4  | 76.6   | 97.3   | 128.0  | 155.0  | 208.1  |
| 27.5°  | 13.6   | 31.9  | 49.6   | 64.1  | 87.2   | 106.2 | 114.5  | 148.2  | 200.8  | 271.9  | 424.7  |
| 25°    | 15.9   | 42.6  | 59.9   | 86.2  | 119.2  | 141.3 | 154.8  | 202.4  | 290.7  | 517.5  | 803.0  |
| 22.5°  | 21.4   | 53.5  | 72.8   | 110.7 | 155.2  | 174.4 | 203.1  | 267.9  | 416.2  | 793.1  | 1266.8 |
| 20°    | 30.1   | 63.7  | 91.2   | 135.0 | 193.9  | 206.1 | 247.6  | 330.7  | 587.8  | 1158.8 | 1727.8 |
| 17.5°  | 38.7   | 75.3  | 111.4  | 163.7 | 223.6  | 248.2 | 290.7  | 387.9  | 731.9  | 1617.0 | 2326.4 |
| 15°    | 47.0   | 87.9  | 130.5  | 192.7 | 258.4  | 306.9 | 372.0  | 516.7  | 1007.1 | 2159.6 | 3118.9 |
| 12.5°  | 54.9   | 101.1 | 148.3  | 221.7 | 298.6  | 369.1 | 465.3  | 726.8  | 1498.1 | 2793.5 | 4225.3 |
| 10°    | 62.2   | 114.6 | 164.8  | 249.9 | 342.7  | 433.5 | 561.8  | 956.6  | 1994.3 | 3345.2 | 5101.4 |
| 7.5°   | 79.2   | 135.1 | 183.3  | 276.9 | 388.8  | 498.7 | 659.2  | 1195.7 | 2442.2 | 3812.0 | 5833.4 |
| 5°     | 98.1   | 162.8 | 218.7  | 319.2 | 437.3  | 560.1 | 748.5  | 1432.5 | 2834.9 | 4196.5 | 6492.8 |
| 2.5°   | 116.6  | 189.6 | 253.2  | 361.3 | 483.8  | 613.4 | 803.8  | 1639.0 | 3143.0 | 4521.9 | 7061.8 |
| 0°     | 133.8  | 214.9 | 286.2  | 400.2 | 526.3  | 662.3 | 850.9  | 1819.2 | 3377.4 | 4785.3 | 7510.2 |
| -2.5°  | 154.9  | 242.0 | 322.8  | 437.3 | 540.6  | 663.8 | 851.7  | 1752.7 | 3428.4 | 5034.2 | 7342.0 |
| -5°    | 173.0  | 266.7 | 356.8  | 471.0 | 553.3  | 661.7 | 844.8  | 1651.0 | 3400.2 | 5167.5 | 7206.4 |
| -7.5°  | 187.7  | 288.7 | 387.4  | 497.8 | 565.1  | 668.6 | 861.3  | 1673.4 | 3353.4 | 5167.5 | 7121.4 |
| -10°   | 196.2  | 295.0 | 387.6  | 496.3 | 572.7  | 677.2 | 872.5  | 1633.8 | 3210.5 | 5060.5 | 6948.5 |
| -12.5° | 188.6  | 287.2 | 379.6  | 489.9 | 577.5  | 679.0 | 868.9  | 1522.0 | 2969.6 | 4842.4 | 6732.7 |
| -15°   | 179.6  | 277.9 | 368.2  | 477.9 | 579.2  | 673.1 | 848.6  | 1330.2 | 2574.8 | 4372.5 | 6472.4 |
| -17.5° | 169.6  | 267.2 | 353.4  | 460.1 | 577.8  | 658.9 | 799.3  | 1026.9 | 2063.7 | 3716.1 | 5875.1 |
| -20°   | 159.0  | 255.4 | 334.9  | 436.0 | 569.8  | 626.2 | 724.3  | 911.0  | 1628.2 | 2980.3 | 4935.9 |



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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° | 148.0  | 242.6 | 315.7  | 412.3 | 523.8  | 586.8 | 654.2  | 788.7 | 1151.1 | 2153.1 | 3721.7 |
| -25°   | 141.8  | 226.4 | 299.0  | 381.0 | 476.5  | 550.1 | 583.7  | 668.4 | 849.8  | 1580.6 | 2717.1 |
| -27.5° | 139.0  | 211.1 | 278.3  | 348.8 | 433.4  | 511.5 | 536.2  | 591.0 | 726.6  | 1019.6 | 1835.6 |
| -30°   | 134.1  | 190.2 | 255.5  | 318.0 | 395.7  | 465.3 | 501.5  | 536.2 | 622.7  | 781.1  | 1233.0 |
| -32.5° | 123.5  | 169.0 | 231.1  | 291.4 | 358.5  | 426.0 | 480.4  | 513.7 | 568.1  | 650.8  | 800.7  |
| -35°   | 110.4  | 153.3 | 206.2  | 262.7 | 321.8  | 389.5 | 450.8  | 499.6 | 526.0  | 583.0  | 683.3  |
| -37.5° | 98.4   | 136.3 | 181.2  | 233.6 | 288.7  | 351.5 | 418.9  | 472.1 | 510.9  | 538.2  | 610.1  |
| -40°   | 85.8   | 118.0 | 159.9  | 206.4 | 256.0  | 313.4 | 375.5  | 437.3 | 486.3  | 527.2  | 559.2  |
| -42.5° | 73.0   | 103.3 | 138.7  | 179.7 | 226.7  | 276.9 | 330.2  | 390.8 | 451.8  | 504.9  | 545.2  |
| -45°   | 63.0   | 88.1  | 117.2  | 156.4 | 197.8  | 241.7 | 290.0  | 340.2 | 405.6  | 465.8  | 516.0  |
| -47.5° | 52.5   | 73.4  | 100.1  | 132.7 | 170.7  | 209.8 | 250.5  | 300.7 | 355.0  | 414.4  | 471.7  |
| -50°   | 43.0   | 61.7  | 83.1   | 112.5 | 144.9  | 179.5 | 215.7  | 261.6 | 311.7  | 362.3  | 414.7  |
| -52.5° | 36.7   | 49.6  | 69.4   | 92.5  | 121.1  | 151.9 | 185.4  | 224.5 | 268.9  | 315.2  | 361.7  |
| -55°   | 30.1   | 41.3  | 56.0   | 75.4  | 97.9   | 125.5 | 156.9  | 190.9 | 225.8  | 268.0  | 309.7  |
| -57.5° | 24.3   | 33.8  | 45.4   | 59.8  | 78.5   | 99.1  | 128.2  | 158.5 | 190.5  | 223.1  | 257.8  |
| -60°   | 18.9   | 26.7  | 36.6   | 47.8  | 60.6   | 78.9  | 99.7   | 125.8 | 154.3  | 182.9  | 212.1  |
| -62.5° | 13.8   | 20.2  | 28.2   | 37.5  | 48.1   | 59.6  | 76.4   | 96.1  | 117.4  | 141.2  | 165.7  |
| -65°   | 11.6   | 14.4  | 20.1   | 27.9  | 36.4   | 46.4  | 57.3   | 69.1  | 86.4   | 103.4  | 120.3  |
| -67.5° | 9.3    | 11.7  | 14.4   | 18.2  | 25.4   | 33.4  | 41.8   | 51.7  | 62.1   | 71.6   | 82.7   |
| -70°   | 8.5    | 9.1   | 11.0   | 13.5  | 16.3   | 20.6  | 27.7   | 35.1  | 42.6   | 49.8   | 57.8   |
| -72.5° | 7.9    | 8.4   | 9.0    | 9.7   | 11.8   | 14.3  | 17.2   | 20.4  | 25.2   | 30.9   | 36.5   |
| -75°   | 7.4    | 7.7   | 8.1    | 8.6   | 9.2    | 9.9   | 10.9   | 13.2  | 15.7   | 18.1   | 20.5   |
| -77.5° | 6.9    | 7.1   | 7.3    | 7.5   | 7.8    | 8.2   | 8.8    | 9.4   | 10.2   | 11.2   | 12.3   |
| -80°   | 6.4    | 6.6   | 6.8    | 6.9   | 6.9    | 7.0   | 7.1    | 7.3   | 7.6    | 7.9    | 8.5    |
| -82.5° | 5.9    | 6.0   | 6.2    | 6.3   | 6.2    | 6.0   | 5.8    | 5.8   | 6.0    | 6.1    | 6.3    |
| -85°   | 5.4    | 5.5   | 5.6    | 5.7   | 5.5    | 5.3   | 5.1    | 4.9   | 4.9    | 5.0    | 5.0    |
| -87.5° | 4.9    | 4.9   | 5.0    | 5.0   | 4.8    | 4.6   | 4.3    | 4.1   | 4.1    | 4.1    | 4.2    |
| -90°   | 4.1    | 3.9   | 3.6    | 3.3   | 3.3    | 3.3   | 3.3    | 3.3   | 3.0    | 2.8    | 2.5    |



REPORT NUMBER: P731347 (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°    | 3.3     | 3.3     | 3.3     | 3.3     | 3.3     | 3.6     | 3.9     | 4.1     | 4.4     | 4.9     | 5.5     |
| 87.5°  | 2.2     | 2.2     | 2.2     | 2.2     | 2.2     | 2.2     | 2.2     | 2.2     | 2.2     | 1.9     | 1.7     |
| 85°    | 2.9     | 2.8     | 2.6     | 2.4     | 2.2     | 2.2     | 2.2     | 2.2     | 2.2     | 1.9     | 1.7     |
| 82.5°  | 3.3     | 3.0     | 2.8     | 2.5     | 2.2     | 2.2     | 2.2     | 2.2     | 2.2     | 1.9     | 1.7     |
| 80°    | 3.3     | 3.2     | 3.0     | 2.9     | 2.9     | 2.8     | 2.6     | 2.4     | 2.2     | 1.9     | 1.7     |
| 77.5°  | 3.4     | 3.3     | 3.3     | 3.3     | 3.3     | 3.1     | 2.8     | 2.5     | 2.2     | 2.0     | 1.7     |
| 75°    | 3.4     | 3.3     | 3.4     | 3.4     | 3.3     | 3.2     | 3.1     | 3.1     | 3.1     | 2.9     | 2.7     |
| 72.5°  | 4.3     | 4.1     | 4.0     | 4.0     | 3.8     | 3.7     | 3.7     | 3.5     | 3.4     | 3.3     | 3.2     |
| 70°    | 5.9     | 5.8     | 5.6     | 5.5     | 5.3     | 5.0     | 4.9     | 4.6     | 4.3     | 4.2     | 4.3     |
| 67.5°  | 8.6     | 8.8     | 8.7     | 8.3     | 7.5     | 6.7     | 6.3     | 5.9     | 5.4     | 5.4     | 5.7     |
| 65°    | 12.7    | 11.1    | 10.1    | 9.2     | 8.4     | 7.8     | 7.4     | 7.0     | 6.5     | 6.7     | 7.6     |
| 62.5°  | 15.0    | 11.8    | 10.1    | 9.4     | 9.0     | 8.7     | 8.1     | 7.6     | 7.4     | 7.6     | 8.4     |
| 60°    | 17.5    | 12.7    | 9.5     | 8.9     | 8.3     | 7.8     | 7.7     | 7.7     | 7.7     | 7.8     | 8.2     |
| 57.5°  | 18.7    | 13.0    | 8.7     | 8.4     | 8.1     | 7.8     | 7.8     | 7.9     | 7.8     | 7.7     | 8.1     |
| 55°    | 18.3    | 13.1    | 9.0     | 8.6     | 8.5     | 8.6     | 8.6     | 8.2     | 7.9     | 7.7     | 8.0     |
| 52.5°  | 16.7    | 12.6    | 9.6     | 8.9     | 8.8     | 8.4     | 7.7     | 8.1     | 8.6     | 9.0     | 9.4     |
| 50°    | 14.9    | 11.9    | 10.4    | 9.6     | 9.6     | 9.7     | 9.7     | 10.3    | 10.8    | 11.2    | 11.6    |
| 47.5°  | 13.7    | 11.9    | 11.8    | 11.6    | 11.9    | 12.5    | 12.8    | 13.4    | 15.0    | 15.9    | 16.3    |
| 45°    | 13.8    | 14.6    | 15.2    | 15.7    | 15.7    | 18.8    | 21.0    | 22.2    | 23.6    | 25.0    | 26.1    |
| 42.5°  | 18.5    | 20.7    | 22.6    | 25.4    | 27.2    | 32.3    | 35.0    | 31.7    | 38.7    | 44.7    | 46.2    |
| 40°    | 28.4    | 31.5    | 38.2    | 45.8    | 54.8    | 58.7    | 77.0    | 77.7    | 85.7    | 105.5   | 111.9   |
| 37.5°  | 43.2    | 52.0    | 75.5    | 95.4    | 126.9   | 145.6   | 168.8   | 191.1   | 209.0   | 227.3   | 239.9   |
| 35°    | 67.4    | 112.3   | 147.6   | 209.6   | 251.9   | 273.3   | 300.9   | 333.8   | 347.7   | 405.5   | 449.7   |
| 32.5°  | 144.1   | 224.6   | 320.6   | 370.0   | 425.6   | 468.0   | 462.1   | 599.0   | 651.8   | 738.7   | 809.4   |
| 30°    | 266.3   | 458.6   | 716.2   | 716.2   | 706.2   | 940.4   | 1026.2  | 1203.0  | 1384.4  | 1505.2  | 1794.1  |
| 27.5°  | 615.6   | 1023.7  | 1431.7  | 1439.9  | 1616.7  | 2105.7  | 2384.2  | 2467.9  | 3254.8  | 3760.1  | 4449.4  |
| 25°    | 1134.4  | 1806.1  | 2368.9  | 2630.8  | 3155.7  | 3952.5  | 4424.2  | 4986.6  | 6161.0  | 7499.2  | 8344.0  |
| 22.5°  | 1689.5  | 2405.3  | 3251.0  | 3847.4  | 4853.5  | 5878.5  | 6736.3  | 7977.3  | 9555.7  | 11048.9 | 12059.2 |
| 20°    | 2107.3  | 2948.3  | 4142.8  | 5395.5  | 6670.0  | 7955.0  | 9287.4  | 10992.7 | 13129.4 | 14947.7 | 16591.1 |
| 17.5°  | 2959.3  | 3848.5  | 5465.1  | 7169.0  | 8898.9  | 10271.6 | 12375.9 | 14421.1 | 17024.2 | 19662.8 | 21706.5 |
| 15°    | 4220.1  | 5653.3  | 7270.7  | 9480.9  | 11914.0 | 14014.6 | 16245.8 | 19834.9 | 23001.8 | 26393.0 | 29423.0 |
| 12.5°  | 5837.9  | 7737.4  | 9880.8  | 12422.6 | 15611.5 | 18908.2 | 22310.8 | 26099.3 | 30241.3 | 34314.8 | 38638.9 |
| 10°    | 7348.4  | 9959.1  | 12726.4 | 15854.0 | 19503.2 | 23666.4 | 27823.9 | 32116.5 | 37872.2 | 43088.9 | 47712.8 |
| 7.5°   | 8391.4  | 11466.1 | 14862.5 | 18685.3 | 23189.5 | 27617.5 | 32313.8 | 38150.3 | 44874.6 | 50789.9 | 55528.6 |
| 5°     | 9328.0  | 12812.1 | 16203.4 | 20068.0 | 25304.7 | 30365.9 | 35914.9 | 43018.8 | 50673.3 | 57160.2 | 61882.8 |
| 2.5°   | 10143.4 | 13892.7 | 17186.2 | 21079.4 | 26829.1 | 32094.9 | 38154.3 | 46620.4 | 55537.7 | 62035.4 | 67018.3 |
| 0°     | 10814.1 | 14473.3 | 17742.1 | 21752.2 | 27831.5 | 33255.0 | 39471.3 | 48886.3 | 59151.0 | 65714.9 | 70504.7 |
| -2.5°  | 10164.7 | 13484.2 | 16710.8 | 20772.4 | 26898.8 | 32453.2 | 39171.9 | 48748.6 | 58822.3 | 65901.9 | 70847.5 |
| -5°    | 9674.2  | 12705.5 | 15768.6 | 19787.6 | 25176.0 | 30326.4 | 36631.1 | 46479.9 | 57082.8 | 64236.2 | 69240.3 |
| -7.5°  | 9294.1  | 11939.6 | 14724.5 | 18425.3 | 23354.4 | 28816.1 | 35576.0 | 45078.6 | 55097.7 | 62332.4 | 66866.6 |
| -10°   | 8879.7  | 11152.4 | 14187.4 | 17917.6 | 22710.9 | 27917.7 | 33923.0 | 42713.4 | 52836.5 | 59797.5 | 65108.2 |
| -12.5° | 8753.4  | 11153.2 | 14210.3 | 17449.0 | 21858.1 | 26858.3 | 32583.8 | 40071.3 | 47830.5 | 55129.9 | 59787.1 |
| -15°   | 8549.9  | 10985.1 | 13977.0 | 17023.1 | 21020.3 | 25836.1 | 30615.6 | 36149.0 | 42634.4 | 47908.6 | 52773.7 |
| -17.5° | 8150.7  | 10490.9 | 12739.3 | 15585.7 | 19476.0 | 23940.5 | 27562.1 | 31913.7 | 36592.8 | 40614.6 | 44284.3 |
| -20°   | 7195.2  | 8786.7  | 10917.7 | 13601.8 | 16935.8 | 20550.8 | 23848.2 | 26987.9 | 29994.9 | 33058.8 | 35181.3 |



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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° | 5505.6 | 7033.9 | 8820.6 | 11050.3 | 13693.2 | 16843.7 | 19757.6 | 21884.1 | 24276.0 | 26482.2 | 28296.2 |
| -25°   | 4026.2 | 5145.9 | 6813.6 | 8716.1  | 10440.9 | 12964.2 | 15200.5 | 16636.6 | 18736.1 | 20385.5 | 21955.6 |
| -27.5° | 2911.6 | 4008.1 | 5368.1 | 6871.4  | 8164.6  | 9520.2  | 11494.3 | 12865.6 | 14516.9 | 15781.6 | 17091.2 |
| -30°   | 1987.3 | 3194.9 | 4448.2 | 5677.9  | 6661.7  | 7685.8  | 8779.7  | 10132.5 | 11458.1 | 12520.6 | 13466.7 |
| -32.5° | 1378.4 | 2253.4 | 3478.2 | 4623.9  | 5513.1  | 6294.0  | 7012.8  | 8040.4  | 9032.4  | 9897.2  | 10606.3 |
| -35°   | 844.4  | 1465.0 | 2313.3 | 3404.3  | 4344.2  | 5094.7  | 5757.6  | 6412.1  | 7046.8  | 7697.5  | 8245.7  |
| -37.5° | 714.4  | 862.6  | 1391.2 | 2142.4  | 3037.8  | 3872.9  | 4522.3  | 5062.7  | 5541.8  | 6037.0  | 6426.8  |
| -40°   | 631.4  | 720.0  | 852.6  | 1127.5  | 1816.2  | 2510.4  | 3210.6  | 3792.2  | 4319.1  | 4758.2  | 5099.5  |
| -42.5° | 576.6  | 635.9  | 700.5  | 808.2   | 935.9   | 1276.2  | 1878.4  | 2465.4  | 3036.9  | 3516.1  | 3917.8  |
| -45°   | 559.6  | 589.4  | 624.3  | 681.9   | 734.8   | 838.4   | 950.2   | 1066.0  | 1520.3  | 2002.3  | 2427.1  |
| -47.5° | 520.9  | 568.6  | 600.2  | 625.0   | 654.5   | 701.3   | 744.3   | 798.9   | 903.3   | 1006.8  | 1091.3  |
| -50°   | 469.6  | 521.7  | 565.5  | 607.9   | 637.9   | 658.4   | 674.0   | 702.3   | 743.9   | 784.3   | 817.0   |
| -52.5° | 407.4  | 457.9  | 508.9  | 560.5   | 603.0   | 642.5   | 679.5   | 705.2   | 724.6   | 741.1   | 749.6   |
| -55°   | 350.9  | 393.1  | 435.7  | 487.6   | 539.1   | 588.5   | 635.9   | 676.4   | 714.2   | 749.4   | 769.4   |
| -57.5° | 295.7  | 332.1  | 370.0  | 416.4   | 462.1   | 507.0   | 553.0   | 599.7   | 645.4   | 688.1   | 712.7   |
| -60°   | 243.0  | 275.3  | 309.7  | 347.1   | 386.8   | 428.3   | 467.9   | 507.5   | 546.8   | 581.5   | 602.0   |
| -62.5° | 191.5  | 218.7  | 246.6  | 276.2   | 307.5   | 340.2   | 373.1   | 406.3   | 439.5   | 467.4   | 484.7   |
| -65°   | 139.1  | 161.3  | 182.6  | 204.3   | 226.2   | 251.0   | 277.0   | 302.4   | 326.9   | 346.0   | 358.6   |
| -67.5° | 97.3   | 111.6  | 124.7  | 137.4   | 152.9   | 170.6   | 189.3   | 207.5   | 225.1   | 238.3   | 247.2   |
| -70°   | 66.0   | 74.0   | 81.2   | 89.5    | 99.7    | 110.2   | 121.2   | 131.8   | 141.8   | 149.5   | 155.4   |
| -72.5° | 42.1   | 47.4   | 52.5   | 58.2    | 63.7    | 69.8    | 76.1    | 82.1    | 87.8    | 91.7    | 94.8    |
| -75°   | 22.8   | 25.6   | 29.8   | 33.7    | 37.3    | 41.7    | 46.2    | 50.5    | 54.4    | 56.5    | 57.9    |
| -77.5° | 14.0   | 15.9   | 17.7   | 19.4    | 21.0    | 23.4    | 26.0    | 28.6    | 31.3    | 32.5    | 33.4    |
| -80°   | 9.2    | 10.0   | 11.0   | 11.9    | 12.8    | 14.2    | 15.7    | 17.1    | 18.6    | 19.0    | 19.3    |
| -82.5° | 6.5    | 6.8    | 7.1    | 7.5     | 7.9     | 8.8     | 9.7     | 10.7    | 11.6    | 12.3    | 13.0    |
| -85°   | 5.1    | 5.2    | 5.2    | 5.3     | 5.3     | 5.8     | 6.3     | 6.9     | 7.5     | 7.8     | 8.1     |
| -87.5° | 4.2    | 4.2    | 4.3    | 4.3     | 4.3     | 4.3     | 4.4     | 4.4     | 4.4     | 4.7     | 5.0     |
| -90°   | 2.2    | 2.2    | 2.2    | 2.2     | 2.2     | 2.2     | 2.2     | 2.2     | 2.2     | 1.9     | 1.7     |



REPORT NUMBER: P731347 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS-08-0320N-40-80-5S-CV2

**CANDELA DISTRIBUTION (continued):**

|        | -7.5°   | -5°     | -2.5°   | 0°      | 2.5°    | 5°      | 7.5°    | 10°     | 12.5°   | 15°     | 17.5°   |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 90°    | 6.0     | 6.6     | 6.1     | 5.5     | 6.1     | 6.6     | 6.0     | 5.5     | 4.9     | 4.4     | 4.1     |
| 87.5°  | 1.4     | 1.1     | 0.6     | 0.0     | 0.6     | 1.1     | 1.4     | 1.7     | 1.9     | 2.2     | 2.2     |
| 85°    | 1.4     | 1.1     | 1.1     | 1.1     | 1.1     | 1.1     | 1.4     | 1.7     | 1.9     | 2.2     | 2.2     |
| 82.5°  | 1.4     | 1.1     | 1.1     | 1.1     | 1.1     | 1.1     | 1.4     | 1.7     | 1.9     | 2.2     | 2.2     |
| 80°    | 1.4     | 1.1     | 1.1     | 1.1     | 1.1     | 1.1     | 1.4     | 1.7     | 1.9     | 2.2     | 2.4     |
| 77.5°  | 1.4     | 1.1     | 1.6     | 2.2     | 1.6     | 1.1     | 1.4     | 1.7     | 2.0     | 2.2     | 2.5     |
| 75°    | 2.4     | 2.2     | 2.2     | 2.2     | 2.2     | 2.2     | 2.4     | 2.7     | 2.9     | 3.1     | 3.1     |
| 72.5°  | 3.3     | 3.3     | 3.3     | 3.3     | 3.3     | 3.3     | 3.3     | 3.2     | 3.3     | 3.4     | 3.5     |
| 70°    | 4.3     | 4.4     | 4.4     | 4.4     | 4.4     | 4.4     | 4.3     | 4.3     | 4.2     | 4.3     | 4.6     |
| 67.5°  | 6.1     | 6.5     | 6.6     | 6.6     | 6.6     | 6.5     | 6.1     | 5.7     | 5.4     | 5.4     | 5.9     |
| 65°    | 8.6     | 9.6     | 9.4     | 8.8     | 9.4     | 9.6     | 8.6     | 7.6     | 6.7     | 6.5     | 7.0     |
| 62.5°  | 9.1     | 9.8     | 9.9     | 9.9     | 9.9     | 9.8     | 9.1     | 8.4     | 7.6     | 7.4     | 7.6     |
| 60°    | 8.5     | 8.8     | 8.8     | 8.8     | 8.8     | 8.8     | 8.5     | 8.2     | 7.8     | 7.7     | 7.7     |
| 57.5°  | 8.4     | 8.7     | 8.8     | 8.8     | 8.8     | 8.7     | 8.4     | 8.1     | 7.7     | 7.8     | 7.9     |
| 55°    | 8.3     | 8.7     | 8.8     | 8.8     | 8.8     | 8.7     | 8.3     | 8.0     | 7.7     | 7.9     | 8.2     |
| 52.5°  | 9.7     | 9.8     | 9.9     | 9.9     | 9.9     | 9.8     | 9.7     | 9.4     | 9.0     | 8.6     | 8.1     |
| 50°    | 12.2    | 12.8    | 12.4    | 11.0    | 12.4    | 12.8    | 12.2    | 11.6    | 11.2    | 10.8    | 10.3    |
| 47.5°  | 16.3    | 15.7    | 15.3    | 15.4    | 15.3    | 15.7    | 16.3    | 16.3    | 15.9    | 15.0    | 13.4    |
| 45°    | 26.5    | 26.2    | 26.1    | 26.3    | 26.1    | 26.2    | 26.5    | 26.1    | 25.0    | 23.6    | 22.2    |
| 42.5°  | 47.8    | 47.9    | 47.1    | 46.1    | 47.1    | 47.9    | 47.8    | 46.2    | 44.7    | 38.7    | 31.7    |
| 40°    | 111.6   | 102.3   | 89.6    | 82.2    | 89.6    | 102.3   | 111.6   | 111.9   | 105.5   | 85.7    | 77.7    |
| 37.5°  | 251.4   | 258.7   | 259.4   | 254.4   | 259.4   | 258.7   | 251.4   | 239.9   | 227.3   | 209.0   | 191.1   |
| 35°    | 477.6   | 494.7   | 495.7   | 486.9   | 495.7   | 494.7   | 477.6   | 449.7   | 405.5   | 347.7   | 333.8   |
| 32.5°  | 808.3   | 846.7   | 861.1   | 857.5   | 861.1   | 846.7   | 808.3   | 809.4   | 738.7   | 651.8   | 599.0   |
| 30°    | 1659.7  | 1671.2  | 1553.1  | 1336.7  | 1553.1  | 1671.2  | 1659.7  | 1794.1  | 1505.2  | 1384.4  | 1203.0  |
| 27.5°  | 4823.3  | 5268.5  | 5430.0  | 5358.8  | 5430.0  | 5268.5  | 4823.3  | 4449.4  | 3760.1  | 3254.8  | 2467.9  |
| 25°    | 8586.6  | 8879.9  | 9172.7  | 9206.6  | 9172.7  | 8879.9  | 8586.6  | 8344.0  | 7499.2  | 6161.0  | 4986.6  |
| 22.5°  | 12759.0 | 13175.8 | 13571.5 | 13480.9 | 13571.5 | 13175.8 | 12759.0 | 12059.2 | 11048.9 | 9555.7  | 7977.3  |
| 20°    | 17635.0 | 17922.4 | 18214.4 | 17891.3 | 18214.4 | 17922.4 | 17635.0 | 16591.1 | 14947.7 | 13129.4 | 10992.7 |
| 17.5°  | 23847.2 | 25200.7 | 26402.3 | 25858.8 | 26402.3 | 25200.7 | 23847.2 | 21706.5 | 19662.8 | 17024.2 | 14421.1 |
| 15°    | 32275.9 | 34631.8 | 36013.5 | 35940.4 | 36013.5 | 34631.8 | 32275.9 | 29423.0 | 26393.0 | 23001.8 | 19834.9 |
| 12.5°  | 41988.9 | 44450.8 | 45860.9 | 45569.2 | 45860.9 | 44450.8 | 41988.9 | 38638.9 | 34314.8 | 30241.3 | 26099.3 |
| 10°    | 50752.0 | 52685.3 | 54360.8 | 55017.0 | 54360.8 | 52685.3 | 50752.0 | 47712.8 | 43088.9 | 37872.2 | 32116.5 |
| 7.5°   | 58492.2 | 59932.6 | 61330.1 | 61579.9 | 61330.1 | 59932.6 | 58492.2 | 55528.6 | 50789.9 | 44874.6 | 38150.3 |
| 5°     | 64863.9 | 66904.6 | 67694.6 | 68007.8 | 67694.6 | 66904.6 | 64863.9 | 61882.8 | 57160.2 | 50673.3 | 43018.8 |
| 2.5°   | 70006.3 | 71873.0 | 72861.2 | 72569.5 | 72861.2 | 71873.0 | 70006.3 | 67018.3 | 62035.4 | 55537.7 | 46620.4 |
| 0°     | 72960.4 | 74438.0 | 75245.0 | 75052.1 | 75245.0 | 74438.0 | 72960.4 | 70504.7 | 65714.9 | 59151.0 | 48886.3 |
| -2.5°  | 73251.5 | 74245.1 | 74876.4 | 74628.8 | 74876.4 | 74245.1 | 73251.5 | 70847.5 | 65901.9 | 58822.3 | 48748.6 |
| -5°    | 71237.0 | 72045.5 | 72377.3 | 72519.0 | 72377.3 | 72045.5 | 71237.0 | 69240.3 | 64236.2 | 57082.8 | 46479.9 |
| -7.5°  | 68461.3 | 69547.4 | 69382.2 | 69668.0 | 69382.2 | 69547.4 | 68461.3 | 66866.6 | 62332.4 | 55097.7 | 45078.6 |
| -10°   | 66808.1 | 67810.5 | 67665.3 | 67742.5 | 67665.3 | 67810.5 | 66808.1 | 65108.2 | 59797.5 | 52836.5 | 42713.4 |
| -12.5° | 62796.8 | 64252.2 | 64475.7 | 64726.4 | 64475.7 | 64252.2 | 62796.8 | 59787.1 | 55129.9 | 47830.5 | 40071.3 |
| -15°   | 55967.1 | 57566.2 | 58533.2 | 58750.8 | 58533.2 | 57566.2 | 55967.1 | 52773.7 | 47908.6 | 42634.4 | 36149.0 |
| -17.5° | 47335.3 | 49546.9 | 51101.7 | 51463.1 | 51101.7 | 49546.9 | 47335.3 | 44284.3 | 40614.6 | 36592.8 | 31913.7 |
| -20°   | 37773.4 | 39356.5 | 40162.1 | 40596.4 | 40162.1 | 39356.5 | 37773.4 | 35181.3 | 33058.8 | 29994.9 | 26987.9 |



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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° | 29731.1 | 30776.6 | 31225.4 | 31298.7 | 31225.4 | 30776.6 | 29731.1 | 28296.2 | 26482.2 | 24276.0 | 21884.1 |
| -25°   | 23227.1 | 23939.7 | 24245.2 | 24696.4 | 24245.2 | 23939.7 | 23227.1 | 21955.6 | 20385.5 | 18736.1 | 16636.6 |
| -27.5° | 18025.1 | 18651.7 | 18931.1 | 19346.4 | 18931.1 | 18651.7 | 18025.1 | 17091.2 | 15781.6 | 14516.9 | 12865.6 |
| -30°   | 14104.9 | 14482.4 | 14576.6 | 14597.2 | 14576.6 | 14482.4 | 14104.9 | 13466.7 | 12520.6 | 11458.1 | 10132.5 |
| -32.5° | 11157.0 | 11582.1 | 11835.9 | 11949.1 | 11835.9 | 11582.1 | 11157.0 | 10606.3 | 9897.2  | 9032.4  | 8040.4  |
| -35°   | 8656.2  | 8936.5  | 9103.3  | 9291.0  | 9103.3  | 8936.5  | 8656.2  | 8245.7  | 7697.5  | 7046.8  | 6412.1  |
| -37.5° | 6730.0  | 6937.8  | 7052.7  | 7091.4  | 7052.7  | 6937.8  | 6730.0  | 6426.8  | 6037.0  | 5541.8  | 5062.7  |
| -40°   | 5371.8  | 5578.2  | 5702.1  | 5720.7  | 5702.1  | 5578.2  | 5371.8  | 5099.5  | 4758.2  | 4319.1  | 3792.2  |
| -42.5° | 4223.0  | 4480.1  | 4646.3  | 4684.4  | 4646.3  | 4480.1  | 4223.0  | 3917.8  | 3516.1  | 3036.9  | 2465.4  |
| -45°   | 2737.8  | 2977.0  | 3103.7  | 3095.6  | 3103.7  | 2977.0  | 2737.8  | 2427.1  | 2002.3  | 1520.3  | 1066.0  |
| -47.5° | 1145.4  | 1184.0  | 1200.6  | 1195.2  | 1200.6  | 1184.0  | 1145.4  | 1091.3  | 1006.8  | 903.3   | 798.9   |
| -50°   | 842.8   | 864.6   | 876.6   | 879.4   | 876.6   | 864.6   | 842.8   | 817.0   | 784.3   | 743.9   | 702.3   |
| -52.5° | 756.8   | 764.9   | 767.7   | 767.6   | 767.7   | 764.9   | 756.8   | 749.6   | 741.1   | 724.6   | 705.2   |
| -55°   | 787.9   | 805.5   | 812.4   | 812.5   | 812.4   | 805.5   | 787.9   | 769.4   | 749.4   | 714.2   | 676.4   |
| -57.5° | 735.2   | 755.0   | 764.2   | 766.5   | 764.2   | 755.0   | 735.2   | 712.7   | 688.1   | 645.4   | 599.7   |
| -60°   | 620.3   | 636.2   | 643.2   | 644.8   | 643.2   | 636.2   | 620.3   | 602.0   | 581.5   | 546.8   | 507.5   |
| -62.5° | 499.4   | 511.5   | 515.2   | 514.3   | 515.2   | 511.5   | 499.4   | 484.7   | 467.4   | 439.5   | 406.3   |
| -65°   | 369.1   | 377.4   | 378.0   | 375.0   | 378.0   | 377.4   | 369.1   | 358.6   | 346.0   | 326.9   | 302.4   |
| -67.5° | 254.3   | 259.6   | 259.8   | 257.7   | 259.8   | 259.6   | 254.3   | 247.2   | 238.3   | 225.1   | 207.5   |
| -70°   | 160.4   | 164.4   | 164.7   | 163.4   | 164.7   | 164.4   | 160.4   | 155.4   | 149.5   | 141.8   | 131.8   |
| -72.5° | 97.5    | 99.7    | 101.7   | 103.1   | 101.7   | 99.7    | 97.5    | 94.8    | 91.7    | 87.8    | 82.1    |
| -75°   | 59.0    | 59.7    | 59.6    | 59.2    | 59.6    | 59.7    | 59.0    | 57.9    | 56.5    | 54.4    | 50.5    |
| -77.5° | 34.1    | 34.8    | 36.1    | 37.3    | 36.1    | 34.8    | 34.1    | 33.4    | 32.5    | 31.3    | 28.6    |
| -80°   | 19.5    | 19.6    | 20.2    | 20.8    | 20.2    | 19.6    | 19.5    | 19.3    | 19.0    | 18.6    | 17.1    |
| -82.5° | 13.6    | 14.2    | 14.3    | 14.3    | 14.3    | 14.2    | 13.6    | 13.0    | 12.3    | 11.6    | 10.7    |
| -85°   | 8.5     | 8.8     | 9.3     | 9.9     | 9.3     | 8.8     | 8.5     | 8.1     | 7.8     | 7.5     | 6.9     |
| -87.5° | 5.2     | 5.5     | 5.5     | 5.5     | 5.5     | 5.5     | 5.2     | 5.0     | 4.7     | 4.4     | 4.4     |
| -90°   | 1.4     | 1.1     | 0.5     | 0.0     | 0.5     | 1.1     | 1.4     | 1.7     | 1.9     | 2.2     | 2.2     |



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**CANDELA DISTRIBUTION (continued):**

|        | 20°     | 22.5°   | 25°     | 27.5°   | 30°     | 32.5°   | 35°     | 37.5°  | 40°    | 42.5°  | 45°    |
|--------|---------|---------|---------|---------|---------|---------|---------|--------|--------|--------|--------|
| 90°    | 3.9     | 3.6     | 3.3     | 3.3     | 3.3     | 3.3     | 3.3     | 3.3    | 3.3    | 3.3    | 3.3    |
| 87.5°  | 2.2     | 2.2     | 2.2     | 2.2     | 2.2     | 2.2     | 2.2     | 2.5    | 2.8    | 3.0    | 3.3    |
| 85°    | 2.2     | 2.2     | 2.2     | 2.4     | 2.6     | 2.8     | 2.9     | 3.0    | 3.0    | 3.2    | 3.3    |
| 82.5°  | 2.2     | 2.2     | 2.2     | 2.5     | 2.8     | 3.0     | 3.3     | 3.3    | 3.3    | 3.3    | 3.3    |
| 80°    | 2.6     | 2.8     | 2.9     | 2.9     | 3.0     | 3.2     | 3.3     | 3.4    | 3.3    | 3.3    | 3.3    |
| 77.5°  | 2.8     | 3.1     | 3.3     | 3.3     | 3.3     | 3.3     | 3.4     | 3.6    | 3.8    | 3.9    | 3.9    |
| 75°    | 3.1     | 3.2     | 3.3     | 3.4     | 3.4     | 3.3     | 3.4     | 3.7    | 4.0    | 4.2    | 4.4    |
| 72.5°  | 3.7     | 3.7     | 3.8     | 4.0     | 4.0     | 4.1     | 4.3     | 4.5    | 4.6    | 4.5    | 4.4    |
| 70°    | 4.9     | 5.0     | 5.3     | 5.5     | 5.6     | 5.8     | 5.9     | 6.0    | 6.1    | 6.1    | 5.6    |
| 67.5°  | 6.3     | 6.7     | 7.5     | 8.3     | 8.7     | 8.8     | 8.6     | 8.0    | 7.8    | 7.8    | 7.0    |
| 65°    | 7.4     | 7.8     | 8.4     | 9.2     | 10.1    | 11.1    | 12.7    | 12.8   | 12.1   | 10.7   | 8.4    |
| 62.5°  | 8.1     | 8.7     | 9.0     | 9.4     | 10.1    | 11.8    | 15.0    | 16.9   | 17.4   | 15.4   | 11.8   |
| 60°    | 7.7     | 7.8     | 8.3     | 8.9     | 9.5     | 12.7    | 17.5    | 20.9   | 23.0   | 19.5   | 14.7   |
| 57.5°  | 7.8     | 7.8     | 8.1     | 8.4     | 8.7     | 13.0    | 18.7    | 24.8   | 28.6   | 22.5   | 16.9   |
| 55°    | 8.6     | 8.6     | 8.5     | 8.6     | 9.0     | 13.1    | 18.3    | 24.4   | 28.0   | 24.4   | 18.0   |
| 52.5°  | 7.7     | 8.4     | 8.8     | 8.9     | 9.6     | 12.6    | 16.7    | 22.3   | 24.1   | 21.3   | 17.5   |
| 50°    | 9.7     | 9.7     | 9.6     | 9.6     | 10.4    | 11.9    | 14.9    | 19.3   | 19.5   | 18.2   | 15.2   |
| 47.5°  | 12.8    | 12.5    | 11.9    | 11.6    | 11.8    | 11.9    | 13.7    | 15.8   | 16.9   | 15.5   | 13.3   |
| 45°    | 21.0    | 18.8    | 15.7    | 15.7    | 15.2    | 14.6    | 13.8    | 16.1   | 16.8   | 15.9   | 12.3   |
| 42.5°  | 35.0    | 32.3    | 27.2    | 25.4    | 22.6    | 20.7    | 18.5    | 19.7   | 20.1   | 18.4   | 16.7   |
| 40°    | 77.0    | 58.7    | 54.8    | 45.8    | 38.2    | 31.5    | 28.4    | 25.7   | 25.6   | 24.1   | 23.4   |
| 37.5°  | 168.8   | 145.6   | 126.9   | 95.4    | 75.5    | 52.0    | 43.2    | 36.5   | 32.2   | 34.7   | 33.3   |
| 35°    | 300.9   | 273.3   | 251.9   | 209.6   | 147.6   | 112.3   | 67.4    | 52.5   | 48.5   | 51.0   | 46.7   |
| 32.5°  | 462.1   | 468.0   | 425.6   | 370.0   | 320.6   | 224.6   | 144.1   | 78.9   | 86.7   | 82.2   | 67.5   |
| 30°    | 1026.2  | 940.4   | 706.2   | 716.2   | 716.2   | 458.6   | 266.3   | 208.1  | 155.0  | 128.0  | 97.3   |
| 27.5°  | 2384.2  | 2105.7  | 1616.7  | 1439.9  | 1431.7  | 1023.7  | 615.6   | 424.7  | 271.9  | 200.8  | 148.2  |
| 25°    | 4424.2  | 3952.5  | 3155.7  | 2630.8  | 2368.9  | 1806.1  | 1134.4  | 803.0  | 517.5  | 290.7  | 202.4  |
| 22.5°  | 6736.3  | 5878.5  | 4853.5  | 3847.4  | 3251.0  | 2405.3  | 1689.5  | 1266.8 | 793.1  | 416.2  | 267.9  |
| 20°    | 9287.4  | 7955.0  | 6670.0  | 5395.5  | 4142.8  | 2948.3  | 2107.3  | 1727.8 | 1158.8 | 587.8  | 330.7  |
| 17.5°  | 12375.9 | 10271.6 | 8898.9  | 7169.0  | 5465.1  | 3848.5  | 2959.3  | 2326.4 | 1617.0 | 731.9  | 387.9  |
| 15°    | 16245.8 | 14014.6 | 11914.0 | 9480.9  | 7270.7  | 5653.3  | 4220.1  | 3118.9 | 2159.6 | 1007.1 | 516.7  |
| 12.5°  | 22310.8 | 18908.2 | 15611.5 | 12422.6 | 9880.8  | 7737.4  | 5837.9  | 4225.3 | 2793.5 | 1498.1 | 726.8  |
| 10°    | 27823.9 | 23666.4 | 19503.2 | 15854.0 | 12726.4 | 9959.1  | 7348.4  | 5101.4 | 3345.2 | 1994.3 | 956.6  |
| 7.5°   | 32313.8 | 27617.5 | 23189.5 | 18685.3 | 14862.5 | 11466.1 | 8391.4  | 5833.4 | 3812.0 | 2442.2 | 1195.7 |
| 5°     | 35914.9 | 30365.9 | 25304.7 | 20068.0 | 16203.4 | 12812.1 | 9328.0  | 6492.8 | 4196.5 | 2834.9 | 1432.5 |
| 2.5°   | 38154.3 | 32094.9 | 26829.1 | 21079.4 | 17186.2 | 13892.7 | 10143.4 | 7061.8 | 4521.9 | 3143.0 | 1639.0 |
| 0°     | 39471.3 | 33255.0 | 27831.5 | 21752.2 | 17742.1 | 14473.3 | 10814.1 | 7510.2 | 4785.3 | 3377.4 | 1819.2 |
| -2.5°  | 39171.9 | 32453.2 | 26898.8 | 20772.4 | 16710.8 | 13484.2 | 10164.7 | 7342.0 | 5034.2 | 3428.4 | 1752.7 |
| -5°    | 36631.1 | 30326.4 | 25176.0 | 19787.6 | 15768.6 | 12705.5 | 9674.2  | 7206.4 | 5167.5 | 3400.2 | 1651.0 |
| -7.5°  | 35576.0 | 28816.1 | 23354.4 | 18425.3 | 14724.5 | 11939.6 | 9294.1  | 7121.4 | 5167.5 | 3353.4 | 1673.4 |
| -10°   | 33923.0 | 27917.7 | 22710.9 | 17917.6 | 14187.4 | 11152.4 | 8879.7  | 6948.5 | 5060.5 | 3210.5 | 1633.8 |
| -12.5° | 32583.8 | 26858.3 | 21858.1 | 17449.0 | 14210.3 | 11153.2 | 8753.4  | 6732.7 | 4842.4 | 2969.6 | 1522.0 |
| -15°   | 30615.6 | 25836.1 | 21020.3 | 17023.1 | 13977.0 | 10985.1 | 8549.9  | 6472.4 | 4372.5 | 2574.8 | 1330.2 |
| -17.5° | 27562.1 | 23940.5 | 19476.0 | 15585.7 | 12739.3 | 10490.9 | 8150.7  | 5875.1 | 3716.1 | 2063.7 | 1026.9 |
| -20°   | 23848.2 | 20550.8 | 16935.8 | 13601.8 | 10917.7 | 8786.7  | 7195.2  | 4935.9 | 2980.3 | 1628.2 | 911.0  |



REPORT NUMBER: P731347 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS-08-0320N-40-80-5S-CV2

**CANDELA DISTRIBUTION (continued):**

|        | 20°     | 22.5°   | 25°     | 27.5°   | 30°    | 32.5°  | 35°    | 37.5°  | 40°    | 42.5°  | 45°   |
|--------|---------|---------|---------|---------|--------|--------|--------|--------|--------|--------|-------|
| -22.5° | 19757.6 | 16843.7 | 13693.2 | 11050.3 | 8820.6 | 7033.9 | 5505.6 | 3721.7 | 2153.1 | 1151.1 | 788.7 |
| -25°   | 15200.5 | 12964.2 | 10440.9 | 8716.1  | 6813.6 | 5145.9 | 4026.2 | 2717.1 | 1580.6 | 849.8  | 668.4 |
| -27.5° | 11494.3 | 9520.2  | 8164.6  | 6871.4  | 5368.1 | 4008.1 | 2911.6 | 1835.6 | 1019.6 | 726.6  | 591.0 |
| -30°   | 8779.7  | 7685.8  | 6661.7  | 5677.9  | 4448.2 | 3194.9 | 1987.3 | 1233.0 | 781.1  | 622.7  | 536.2 |
| -32.5° | 7012.8  | 6294.0  | 5513.1  | 4623.9  | 3478.2 | 2253.4 | 1378.4 | 800.7  | 650.8  | 568.1  | 513.7 |
| -35°   | 5757.6  | 5094.7  | 4344.2  | 3404.3  | 2313.3 | 1465.0 | 844.4  | 683.3  | 583.0  | 526.0  | 499.6 |
| -37.5° | 4522.3  | 3872.9  | 3037.8  | 2142.4  | 1391.2 | 862.6  | 714.4  | 610.1  | 538.2  | 510.9  | 472.1 |
| -40°   | 3210.6  | 2510.4  | 1816.2  | 1127.5  | 852.6  | 720.0  | 631.4  | 559.2  | 527.2  | 486.3  | 437.3 |
| -42.5° | 1878.4  | 1276.2  | 935.9   | 808.2   | 700.5  | 635.9  | 576.6  | 545.2  | 504.9  | 451.8  | 390.8 |
| -45°   | 950.2   | 838.4   | 734.8   | 681.9   | 624.3  | 589.4  | 559.6  | 516.0  | 465.8  | 405.6  | 340.2 |
| -47.5° | 744.3   | 701.3   | 654.5   | 625.0   | 600.2  | 568.6  | 520.9  | 471.7  | 414.4  | 355.0  | 300.7 |
| -50°   | 674.0   | 658.4   | 637.9   | 607.9   | 565.5  | 521.7  | 469.6  | 414.7  | 362.3  | 311.7  | 261.6 |
| -52.5° | 679.5   | 642.5   | 603.0   | 560.5   | 508.9  | 457.9  | 407.4  | 361.7  | 315.2  | 268.9  | 224.5 |
| -55°   | 635.9   | 588.5   | 539.1   | 487.6   | 435.7  | 393.1  | 350.9  | 309.7  | 268.0  | 225.8  | 190.9 |
| -57.5° | 553.0   | 507.0   | 462.1   | 416.4   | 370.0  | 332.1  | 295.7  | 257.8  | 223.1  | 190.5  | 158.5 |
| -60°   | 467.9   | 428.3   | 386.8   | 347.1   | 309.7  | 275.3  | 243.0  | 212.1  | 182.9  | 154.3  | 125.8 |
| -62.5° | 373.1   | 340.2   | 307.5   | 276.2   | 246.6  | 218.7  | 191.5  | 165.7  | 141.2  | 117.4  | 96.1  |
| -65°   | 277.0   | 251.0   | 226.2   | 204.3   | 182.6  | 161.3  | 139.1  | 120.3  | 103.4  | 86.4   | 69.1  |
| -67.5° | 189.3   | 170.6   | 152.9   | 137.4   | 124.7  | 111.6  | 97.3   | 82.7   | 71.6   | 62.1   | 51.7  |
| -70°   | 121.2   | 110.2   | 99.7    | 89.5    | 81.2   | 74.0   | 66.0   | 57.8   | 49.8   | 42.6   | 35.1  |
| -72.5° | 76.1    | 69.8    | 63.7    | 58.2    | 52.5   | 47.4   | 42.1   | 36.5   | 30.9   | 25.2   | 20.4  |
| -75°   | 46.2    | 41.7    | 37.3    | 33.7    | 29.8   | 25.6   | 22.8   | 20.5   | 18.1   | 15.7   | 13.2  |
| -77.5° | 26.0    | 23.4    | 21.0    | 19.4    | 17.7   | 15.9   | 14.0   | 12.3   | 11.2   | 10.2   | 9.4   |
| -80°   | 15.7    | 14.2    | 12.8    | 11.9    | 11.0   | 10.0   | 9.2    | 8.5    | 7.9    | 7.6    | 7.3   |
| -82.5° | 9.7     | 8.8     | 7.9     | 7.5     | 7.1    | 6.8    | 6.5    | 6.3    | 6.1    | 6.0    | 5.8   |
| -85°   | 6.3     | 5.8     | 5.3     | 5.3     | 5.2    | 5.2    | 5.1    | 5.0    | 5.0    | 4.9    | 4.9   |
| -87.5° | 4.4     | 4.3     | 4.3     | 4.3     | 4.3    | 4.2    | 4.2    | 4.2    | 4.1    | 4.1    | 4.1   |
| -90°   | 2.2     | 2.2     | 2.2     | 2.2     | 2.2    | 2.2    | 2.2    | 2.5    | 2.8    | 3.0    | 3.3   |





REPORT NUMBER: P731347 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS-08-0320N-40-80-5S-CV2

**CANDELA DISTRIBUTION (continued):**

|        | 47.5° | 50°   | 52.5° | 55°   | 57.5° | 60°   | 62.5° | 65°  | 67.5° | 70°  | 72.5° |
|--------|-------|-------|-------|-------|-------|-------|-------|------|-------|------|-------|
| 90°    | 3.6   | 3.9   | 4.1   | 4.4   | 4.4   | 4.4   | 4.4   | 4.4  | 4.4   | 4.4  | 4.4   |
| 87.5°  | 3.5   | 3.7   | 3.8   | 3.9   | 4.0   | 4.1   | 4.3   | 4.4  | 4.4   | 4.4  | 4.4   |
| 85°    | 3.6   | 3.9   | 4.1   | 4.4   | 4.4   | 4.4   | 4.4   | 4.4  | 4.4   | 4.4  | 4.4   |
| 82.5°  | 3.6   | 3.9   | 4.2   | 4.4   | 4.4   | 4.4   | 4.4   | 4.4  | 4.4   | 4.4  | 4.4   |
| 80°    | 3.6   | 3.9   | 4.2   | 4.4   | 4.4   | 4.4   | 4.4   | 4.4  | 4.4   | 4.4  | 4.4   |
| 77.5°  | 3.9   | 4.0   | 4.2   | 4.4   | 4.4   | 4.4   | 4.4   | 4.4  | 4.4   | 4.4  | 4.4   |
| 75°    | 4.4   | 4.3   | 4.3   | 4.4   | 4.5   | 4.4   | 4.4   | 4.4  | 4.5   | 4.4  | 4.4   |
| 72.5°  | 4.4   | 4.4   | 4.4   | 4.5   | 4.7   | 4.7   | 4.6   | 4.5  | 4.6   | 4.6  | 4.5   |
| 70°    | 5.0   | 4.5   | 4.4   | 4.6   | 4.9   | 5.1   | 5.0   | 4.9  | 4.8   | 4.9  | 4.7   |
| 67.5°  | 6.1   | 5.4   | 4.8   | 4.7   | 4.9   | 5.2   | 5.4   | 5.2  | 5.1   | 5.1  | 5.0   |
| 65°    | 7.4   | 6.4   | 5.5   | 5.2   | 5.1   | 5.2   | 5.5   | 5.5  | 5.3   | 5.3  | 5.3   |
| 62.5°  | 9.2   | 7.7   | 6.6   | 5.8   | 5.4   | 5.3   | 5.5   | 5.5  | 5.5   | 5.4  | 5.4   |
| 60°    | 11.1  | 8.7   | 7.6   | 6.7   | 5.9   | 5.5   | 5.5   | 5.5  | 5.5   | 5.5  | 5.5   |
| 57.5°  | 12.3  | 9.1   | 8.2   | 7.4   | 6.5   | 5.8   | 5.5   | 5.5  | 5.5   | 5.5  | 5.5   |
| 55°    | 12.8  | 9.5   | 8.7   | 7.9   | 7.1   | 6.3   | 5.7   | 5.5  | 5.5   | 5.5  | 5.5   |
| 52.5°  | 12.5  | 10.0  | 9.2   | 8.3   | 7.5   | 6.7   | 6.1   | 5.5  | 5.5   | 5.5  | 5.5   |
| 50°    | 11.1  | 10.7  | 9.7   | 8.8   | 7.9   | 7.1   | 6.5   | 5.8  | 5.5   | 5.5  | 5.5   |
| 47.5°  | 11.3  | 11.3  | 10.5  | 9.3   | 8.3   | 7.6   | 6.9   | 6.2  | 5.5   | 5.5  | 5.5   |
| 45°    | 12.8  | 12.2  | 11.4  | 10.1  | 8.7   | 8.0   | 7.3   | 6.6  | 5.8   | 5.5  | 5.5   |
| 42.5°  | 15.5  | 14.5  | 12.7  | 11.0  | 9.7   | 8.4   | 7.7   | 6.9  | 6.1   | 5.6  | 5.5   |
| 40°    | 21.4  | 18.1  | 14.8  | 13.6  | 11.0  | 8.8   | 8.0   | 7.2  | 6.4   | 5.8  | 5.6   |
| 37.5°  | 28.7  | 24.1  | 19.1  | 19.0  | 13.6  | 10.2  | 8.4   | 7.5  | 6.8   | 6.1  | 5.7   |
| 35°    | 39.6  | 31.9  | 28.1  | 27.1  | 20.6  | 11.8  | 8.7   | 7.8  | 7.2   | 6.4  | 5.9   |
| 32.5°  | 52.2  | 46.7  | 43.2  | 36.5  | 29.6  | 13.5  | 9.7   | 8.4  | 7.6   | 6.7  | 6.0   |
| 30°    | 76.6  | 73.4  | 62.8  | 46.7  | 40.0  | 21.7  | 11.4  | 9.0  | 8.0   | 7.0  | 6.2   |
| 27.5°  | 114.5 | 106.2 | 87.2  | 64.1  | 49.6  | 31.9  | 13.6  | 9.7  | 8.5   | 7.3  | 6.4   |
| 25°    | 154.8 | 141.3 | 119.2 | 86.2  | 59.9  | 42.6  | 15.9  | 10.6 | 9.1   | 7.7  | 6.7   |
| 22.5°  | 203.1 | 174.4 | 155.2 | 110.7 | 72.8  | 53.5  | 21.4  | 12.4 | 9.7   | 8.1  | 6.9   |
| 20°    | 247.6 | 206.1 | 193.9 | 135.0 | 91.2  | 63.7  | 30.1  | 14.3 | 10.4  | 8.5  | 7.1   |
| 17.5°  | 290.7 | 248.2 | 223.6 | 163.7 | 111.4 | 75.3  | 38.7  | 16.2 | 11.0  | 8.8  | 7.3   |
| 15°    | 372.0 | 306.9 | 258.4 | 192.7 | 130.5 | 87.9  | 47.0  | 18.1 | 11.7  | 9.2  | 7.4   |
| 12.5°  | 465.3 | 369.1 | 298.6 | 221.7 | 148.3 | 101.1 | 54.9  | 19.9 | 12.4  | 9.6  | 7.5   |
| 10°    | 561.8 | 433.5 | 342.7 | 249.9 | 164.8 | 114.6 | 62.2  | 22.4 | 13.4  | 9.9  | 7.6   |
| 7.5°   | 659.2 | 498.7 | 388.8 | 276.9 | 183.3 | 135.1 | 79.2  | 26.5 | 14.5  | 10.2 | 7.6   |
| 5°     | 748.5 | 560.1 | 437.3 | 319.2 | 218.7 | 162.8 | 98.1  | 30.6 | 15.5  | 10.5 | 7.7   |
| 2.5°   | 803.8 | 613.4 | 483.8 | 361.3 | 253.2 | 189.6 | 116.6 | 34.6 | 16.6  | 10.8 | 7.7   |
| 0°     | 850.9 | 662.3 | 526.3 | 400.2 | 286.2 | 214.9 | 133.8 | 38.4 | 17.5  | 11.0 | 7.7   |
| -2.5°  | 851.7 | 663.8 | 540.6 | 437.3 | 322.8 | 242.0 | 154.9 | 49.6 | 24.0  | 13.9 | 8.7   |
| -5°    | 844.8 | 661.7 | 553.3 | 471.0 | 356.8 | 266.7 | 173.0 | 60.2 | 30.2  | 16.7 | 9.7   |
| -7.5°  | 861.3 | 668.6 | 565.1 | 497.8 | 387.4 | 288.7 | 187.7 | 69.7 | 35.9  | 19.3 | 10.6  |
| -10°   | 872.5 | 677.2 | 572.7 | 496.3 | 387.6 | 295.0 | 196.2 | 78.0 | 40.9  | 21.5 | 11.5  |
| -12.5° | 868.9 | 679.0 | 577.5 | 489.9 | 379.6 | 287.2 | 188.6 | 83.8 | 45.1  | 23.4 | 12.2  |
| -15°   | 848.6 | 673.1 | 579.2 | 477.9 | 368.2 | 277.9 | 179.6 | 87.8 | 48.7  | 25.2 | 12.8  |
| -17.5° | 799.3 | 658.9 | 577.8 | 460.1 | 353.4 | 267.2 | 169.6 | 90.4 | 51.4  | 26.9 | 13.7  |
| -20°   | 724.3 | 626.2 | 569.8 | 436.0 | 334.9 | 255.4 | 159.0 | 91.6 | 53.0  | 28.1 | 14.7  |



REPORT NUMBER: P731347 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS-08-0320N-40-80-5S-CV2

**CANDELA DISTRIBUTION (continued):**

|        | 47.5° | 50°   | 52.5° | 55°   | 57.5° | 60°   | 62.5° | 65°  | 67.5° | 70°  | 72.5° |
|--------|-------|-------|-------|-------|-------|-------|-------|------|-------|------|-------|
| -22.5° | 654.2 | 586.8 | 523.8 | 412.3 | 315.7 | 242.6 | 148.0 | 91.3 | 53.5  | 28.5 | 15.4  |
| -25°   | 583.7 | 550.1 | 476.5 | 381.0 | 299.0 | 226.4 | 141.8 | 89.5 | 52.8  | 28.2 | 15.7  |
| -27.5° | 536.2 | 511.5 | 433.4 | 348.8 | 278.3 | 211.1 | 139.0 | 88.5 | 51.5  | 27.1 | 15.8  |
| -30°   | 501.5 | 465.3 | 395.7 | 318.0 | 255.5 | 190.2 | 134.1 | 85.9 | 50.2  | 26.5 | 15.4  |
| -32.5° | 480.4 | 426.0 | 358.5 | 291.4 | 231.1 | 169.0 | 123.5 | 81.6 | 47.8  | 26.1 | 15.2  |
| -35°   | 450.8 | 389.5 | 321.8 | 262.7 | 206.2 | 153.3 | 110.4 | 75.5 | 44.2  | 25.2 | 14.8  |
| -37.5° | 418.9 | 351.5 | 288.7 | 233.6 | 181.2 | 136.3 | 98.4  | 66.7 | 39.5  | 23.7 | 14.1  |
| -40°   | 375.5 | 313.4 | 256.0 | 206.4 | 159.9 | 118.0 | 85.8  | 58.4 | 36.3  | 21.7 | 13.1  |
| -42.5° | 330.2 | 276.9 | 226.7 | 179.7 | 138.7 | 103.3 | 73.0  | 49.7 | 32.6  | 19.9 | 11.8  |
| -45°   | 290.0 | 241.7 | 197.8 | 156.4 | 117.2 | 88.1  | 63.0  | 41.2 | 28.4  | 18.1 | 10.7  |
| -47.5° | 250.5 | 209.8 | 170.7 | 132.7 | 100.1 | 73.4  | 52.5  | 36.2 | 24.0  | 15.9 | 10.0  |
| -50°   | 215.7 | 179.5 | 144.9 | 112.5 | 83.1  | 61.7  | 43.0  | 30.9 | 20.9  | 13.1 | 9.3   |
| -52.5° | 185.4 | 151.9 | 121.1 | 92.5  | 69.4  | 49.6  | 36.7  | 25.5 | 17.4  | 11.5 | 8.4   |
| -55°   | 156.9 | 125.5 | 97.9  | 75.4  | 56.0  | 41.3  | 30.1  | 21.3 | 13.8  | 10.3 | 7.6   |
| -57.5° | 128.2 | 99.1  | 78.5  | 59.8  | 45.4  | 33.8  | 24.3  | 16.8 | 11.8  | 9.0  | 7.4   |
| -60°   | 99.7  | 78.9  | 60.6  | 47.8  | 36.6  | 26.7  | 18.9  | 13.0 | 10.3  | 7.9  | 7.1   |
| -62.5° | 76.4  | 59.6  | 48.1  | 37.5  | 28.2  | 20.2  | 13.8  | 11.1 | 8.6   | 7.6  | 6.9   |
| -65°   | 57.3  | 46.4  | 36.4  | 27.9  | 20.1  | 14.4  | 11.6  | 9.2  | 8.0   | 7.3  | 6.6   |
| -67.5° | 41.8  | 33.4  | 25.4  | 18.2  | 14.4  | 11.7  | 9.3   | 8.3  | 7.7   | 7.0  | 6.3   |
| -70°   | 27.7  | 20.6  | 16.3  | 13.5  | 11.0  | 9.1   | 8.5   | 7.9  | 7.3   | 6.7  | 6.1   |
| -72.5° | 17.2  | 14.3  | 11.8  | 9.7   | 9.0   | 8.4   | 7.9   | 7.5  | 6.9   | 6.4  | 5.8   |
| -75°   | 10.9  | 9.9   | 9.2   | 8.6   | 8.1   | 7.7   | 7.4   | 7.1  | 6.5   | 6.0  | 5.7   |
| -77.5° | 8.8   | 8.2   | 7.8   | 7.5   | 7.3   | 7.1   | 6.9   | 6.7  | 6.2   | 5.9  | 5.6   |
| -80°   | 7.1   | 7.0   | 6.9   | 6.9   | 6.8   | 6.6   | 6.4   | 6.2  | 5.9   | 5.7  | 5.5   |
| -82.5° | 5.8   | 6.0   | 6.2   | 6.3   | 6.2   | 6.0   | 5.9   | 5.8  | 5.6   | 5.5  | 5.4   |
| -85°   | 5.1   | 5.3   | 5.5   | 5.7   | 5.6   | 5.5   | 5.4   | 5.3  | 5.2   | 5.2  | 5.1   |
| -87.5° | 4.3   | 4.6   | 4.8   | 5.0   | 5.0   | 4.9   | 4.9   | 4.9  | 4.8   | 4.8  | 4.7   |
| -90°   | 3.3   | 3.3   | 3.3   | 3.3   | 3.6   | 3.9   | 4.1   | 4.4  | 4.4   | 4.4  | 4.4   |



REPORT NUMBER: P731347 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS-08-0320N-40-80-5S-CV2

**CANDELA DISTRIBUTION (continued):**

|        | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|-----|-------|-----|-------|-----|-------|-----|
| 90°    | 4.4 | 4.4   | 4.4 | 4.4   | 4.4 | 4.4   | 4.4 |
| 87.5°  | 4.4 | 4.4   | 4.4 | 4.4   | 4.4 | 4.4   | 4.4 |
| 85°    | 4.4 | 4.4   | 4.4 | 4.4   | 4.4 | 4.4   | 4.4 |
| 82.5°  | 4.4 | 4.4   | 4.4 | 4.4   | 4.4 | 4.4   | 4.4 |
| 80°    | 4.4 | 4.4   | 4.4 | 4.4   | 4.4 | 4.4   | 4.4 |
| 77.5°  | 4.4 | 4.4   | 4.4 | 4.4   | 4.4 | 4.4   | 4.4 |
| 75°    | 4.4 | 4.4   | 4.4 | 4.4   | 4.4 | 4.4   | 4.4 |
| 72.5°  | 4.4 | 4.4   | 4.4 | 4.4   | 4.4 | 4.4   | 4.4 |
| 70°    | 4.4 | 4.4   | 4.4 | 4.4   | 4.4 | 4.4   | 4.4 |
| 67.5°  | 4.7 | 4.4   | 4.4 | 4.4   | 4.4 | 4.4   | 4.4 |
| 65°    | 5.0 | 4.5   | 4.4 | 4.4   | 4.4 | 4.4   | 4.4 |
| 62.5°  | 5.2 | 4.7   | 4.4 | 4.4   | 4.4 | 4.4   | 4.4 |
| 60°    | 5.5 | 4.9   | 4.4 | 4.4   | 4.4 | 4.4   | 4.4 |
| 57.5°  | 5.5 | 5.1   | 4.6 | 4.4   | 4.4 | 4.4   | 4.4 |
| 55°    | 5.5 | 5.3   | 4.7 | 4.4   | 4.4 | 4.4   | 4.4 |
| 52.5°  | 5.5 | 5.5   | 4.9 | 4.4   | 4.4 | 4.4   | 4.4 |
| 50°    | 5.5 | 5.5   | 5.0 | 4.4   | 4.4 | 4.4   | 4.4 |
| 47.5°  | 5.5 | 5.5   | 5.2 | 4.4   | 4.4 | 4.4   | 4.4 |
| 45°    | 5.5 | 5.5   | 5.3 | 4.5   | 4.4 | 4.4   | 4.4 |
| 42.5°  | 5.5 | 5.5   | 5.4 | 4.6   | 4.4 | 4.4   | 4.4 |
| 40°    | 5.5 | 5.5   | 5.5 | 4.7   | 4.4 | 4.4   | 4.4 |
| 37.5°  | 5.5 | 5.5   | 5.5 | 4.8   | 4.4 | 4.4   | 4.4 |
| 35°    | 5.5 | 5.5   | 5.5 | 4.8   | 4.4 | 4.4   | 4.4 |
| 32.5°  | 5.5 | 5.5   | 5.5 | 4.9   | 4.4 | 4.4   | 4.4 |
| 30°    | 5.6 | 5.5   | 5.5 | 4.9   | 4.4 | 4.4   | 4.4 |
| 27.5°  | 5.8 | 5.5   | 5.5 | 4.9   | 4.4 | 4.4   | 4.4 |
| 25°    | 5.9 | 5.5   | 5.4 | 4.9   | 4.4 | 4.4   | 4.4 |
| 22.5°  | 6.0 | 5.5   | 5.4 | 4.9   | 4.4 | 4.4   | 4.4 |
| 20°    | 6.2 | 5.5   | 5.4 | 4.9   | 4.4 | 4.4   | 4.4 |
| 17.5°  | 6.3 | 5.5   | 5.4 | 4.8   | 4.4 | 4.4   | 4.4 |
| 15°    | 6.4 | 5.5   | 5.4 | 4.8   | 4.4 | 4.4   | 4.4 |
| 12.5°  | 6.4 | 5.5   | 5.4 | 4.7   | 4.4 | 4.4   | 4.4 |
| 10°    | 6.5 | 5.5   | 5.5 | 4.7   | 4.4 | 4.4   | 4.4 |
| 7.5°   | 6.5 | 5.5   | 5.5 | 4.6   | 4.4 | 4.4   | 4.4 |
| 5°     | 6.6 | 5.5   | 5.5 | 4.5   | 4.4 | 4.4   | 4.4 |
| 2.5°   | 6.6 | 5.5   | 5.5 | 4.5   | 4.4 | 4.4   | 4.4 |
| 0°     | 6.6 | 5.5   | 5.5 | 4.4   | 4.4 | 4.4   | 4.4 |
| -2.5°  | 7.0 | 5.7   | 5.5 | 4.5   | 4.4 | 4.4   | 4.4 |
| -5°    | 7.5 | 6.0   | 5.5 | 4.5   | 4.4 | 4.4   | 4.4 |
| -7.5°  | 7.8 | 6.2   | 5.5 | 4.6   | 4.4 | 4.4   | 4.4 |
| -10°   | 8.2 | 6.4   | 5.5 | 4.7   | 4.4 | 4.4   | 4.4 |
| -12.5° | 8.5 | 6.6   | 5.4 | 4.7   | 4.4 | 4.4   | 4.4 |
| -15°   | 8.8 | 6.7   | 5.4 | 4.8   | 4.4 | 4.4   | 4.4 |
| -17.5° | 9.0 | 6.8   | 5.4 | 4.8   | 4.4 | 4.4   | 4.4 |
| -20°   | 9.3 | 6.8   | 5.4 | 4.9   | 4.4 | 4.4   | 4.4 |



REPORT NUMBER: P731347 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-LS-08-0320N-40-80-5S-CV2

**CANDELA DISTRIBUTION (continued):**

|        | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|-----|-------|-----|-------|-----|-------|-----|
| -22.5° | 9.6 | 6.8   | 5.4 | 4.9   | 4.4 | 4.4   | 4.4 |
| -25°   | 9.8 | 6.8   | 5.4 | 4.9   | 4.4 | 4.4   | 4.4 |
| -27.5° | 9.8 | 6.7   | 5.5 | 4.9   | 4.4 | 4.4   | 4.4 |
| -30°   | 9.7 | 6.6   | 5.5 | 4.9   | 4.4 | 4.4   | 4.4 |
| -32.5° | 9.3 | 6.4   | 5.6 | 4.9   | 4.4 | 4.4   | 4.4 |
| -35°   | 9.0 | 6.2   | 5.6 | 4.8   | 4.4 | 4.4   | 4.4 |
| -37.5° | 8.8 | 6.1   | 5.6 | 4.8   | 4.4 | 4.4   | 4.4 |
| -40°   | 8.4 | 6.1   | 5.7 | 4.7   | 4.4 | 4.4   | 4.4 |
| -42.5° | 8.0 | 6.1   | 5.6 | 4.6   | 4.4 | 4.4   | 4.4 |
| -45°   | 7.5 | 6.2   | 5.5 | 4.6   | 4.4 | 4.4   | 4.4 |
| -47.5° | 7.0 | 6.1   | 5.4 | 4.5   | 4.4 | 4.4   | 4.4 |
| -50°   | 6.8 | 6.1   | 5.3 | 4.5   | 4.4 | 4.4   | 4.4 |
| -52.5° | 6.8 | 6.1   | 5.2 | 4.5   | 4.4 | 4.4   | 4.4 |
| -55°   | 6.6 | 5.9   | 5.1 | 4.5   | 4.4 | 4.4   | 4.4 |
| -57.5° | 6.5 | 5.8   | 4.9 | 4.5   | 4.4 | 4.4   | 4.4 |
| -60°   | 6.4 | 5.6   | 4.8 | 4.6   | 4.4 | 4.4   | 4.4 |
| -62.5° | 6.1 | 5.4   | 4.8 | 4.6   | 4.4 | 4.4   | 4.4 |
| -65°   | 5.9 | 5.2   | 4.8 | 4.6   | 4.4 | 4.4   | 4.4 |
| -67.5° | 5.7 | 5.1   | 4.9 | 4.6   | 4.4 | 4.4   | 4.4 |
| -70°   | 5.4 | 5.1   | 4.9 | 4.6   | 4.4 | 4.4   | 4.4 |
| -72.5° | 5.4 | 5.2   | 4.9 | 4.6   | 4.4 | 4.4   | 4.4 |
| -75°   | 5.4 | 5.2   | 4.9 | 4.6   | 4.4 | 4.4   | 4.4 |
| -77.5° | 5.5 | 5.2   | 4.9 | 4.6   | 4.4 | 4.4   | 4.4 |
| -80°   | 5.5 | 5.1   | 4.8 | 4.5   | 4.4 | 4.4   | 4.4 |
| -82.5° | 5.2 | 4.9   | 4.7 | 4.5   | 4.4 | 4.4   | 4.4 |
| -85°   | 5.0 | 4.8   | 4.6 | 4.5   | 4.4 | 4.4   | 4.4 |
| -87.5° | 4.7 | 4.6   | 4.5 | 4.4   | 4.4 | 4.4   | 4.4 |
| -90°   | 4.4 | 4.4   | 4.4 | 4.4   | 4.4 | 4.4   | 4.4 |

(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

