

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: P735989 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-LS-08-0680R-57-70-4S-VHE-S**

Issue Date: 1/29/2024

Test Information

Test Method: LM-79-08
Report Number: P735989 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2009-976-4)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHESUS
Catalog Number: EPH-LS-08-0680R-57-70-4S-VHE-S
Description: EPHESUS LUMASPORT 8 LUMINAIRE
(8) 5700K, 70 CRI LEDS AND 4S BEAM SHAPE WITH ANODIZED CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

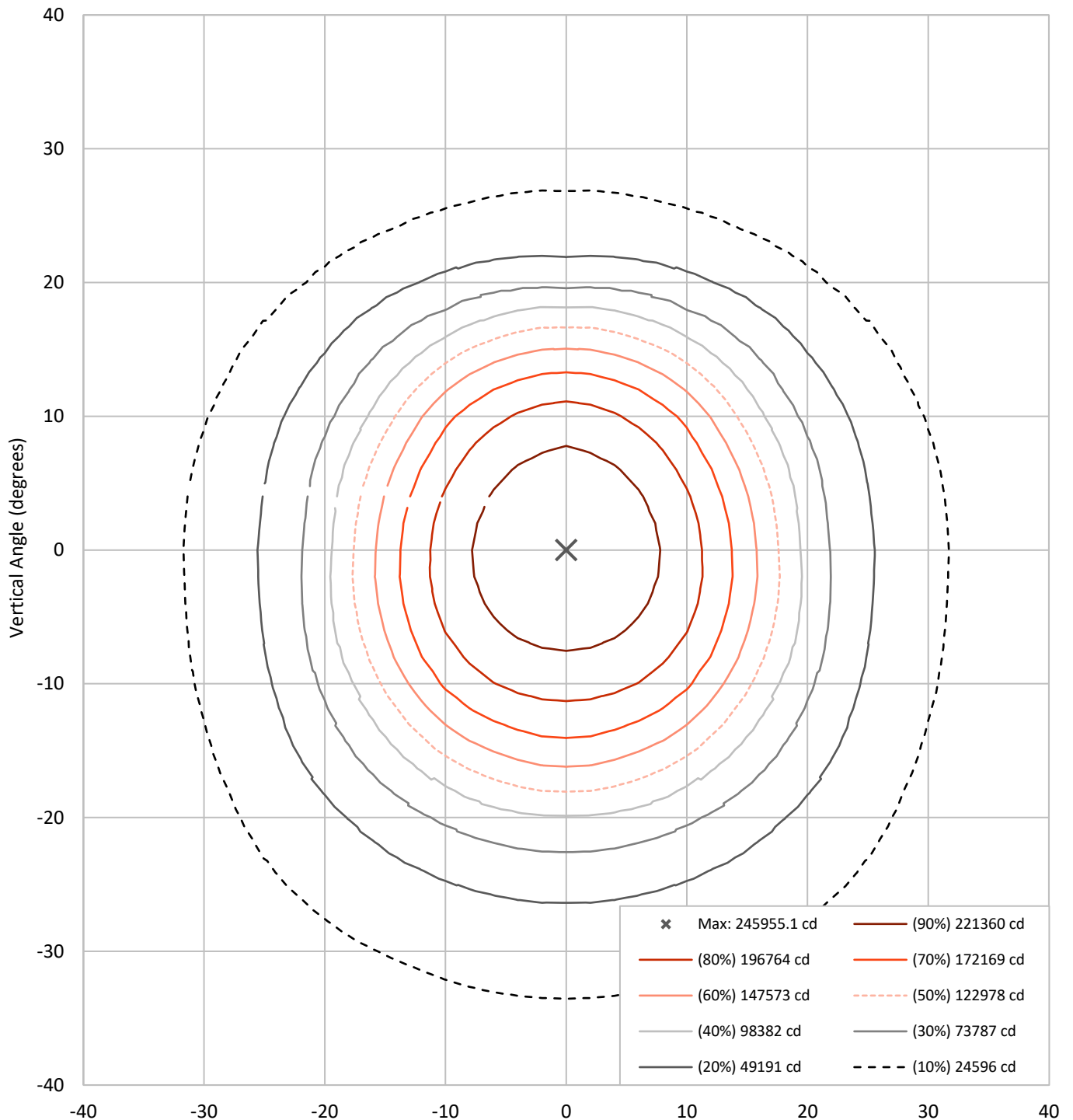
Summary

| | | | |
|-------------------|--------------------------------------|----------------------|------------------|
| Lumens per Lamp: | N/A | NEMA Type: | 4H x 4V |
| Luminaire Lumens: | 102027.1 lumens | Max Intensity: | 245955.1 candela |
| Efficiency: | N/A | Max Intensity Angle: | 0°H x 0°V |
| Efficacy: | 146.3 lumens/watt | | |
| Luminous Opening: | Rectangular (W 1.5' x L: 1' x H: 0') | | |
| Beam Angle (50%): | 35.2°H x 34.7°V | Field Angle (10%): | 63.4°H x 60.3°V |
| Beam Lumens: | 54761 lumens | Field Lumens: | 89112.5 lumens |
| Beam Efficiency: | 53.7% | Field Efficiency: | 87.3% |

Input Watts (W): 697.5
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

REPORT NUMBER: P735989 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





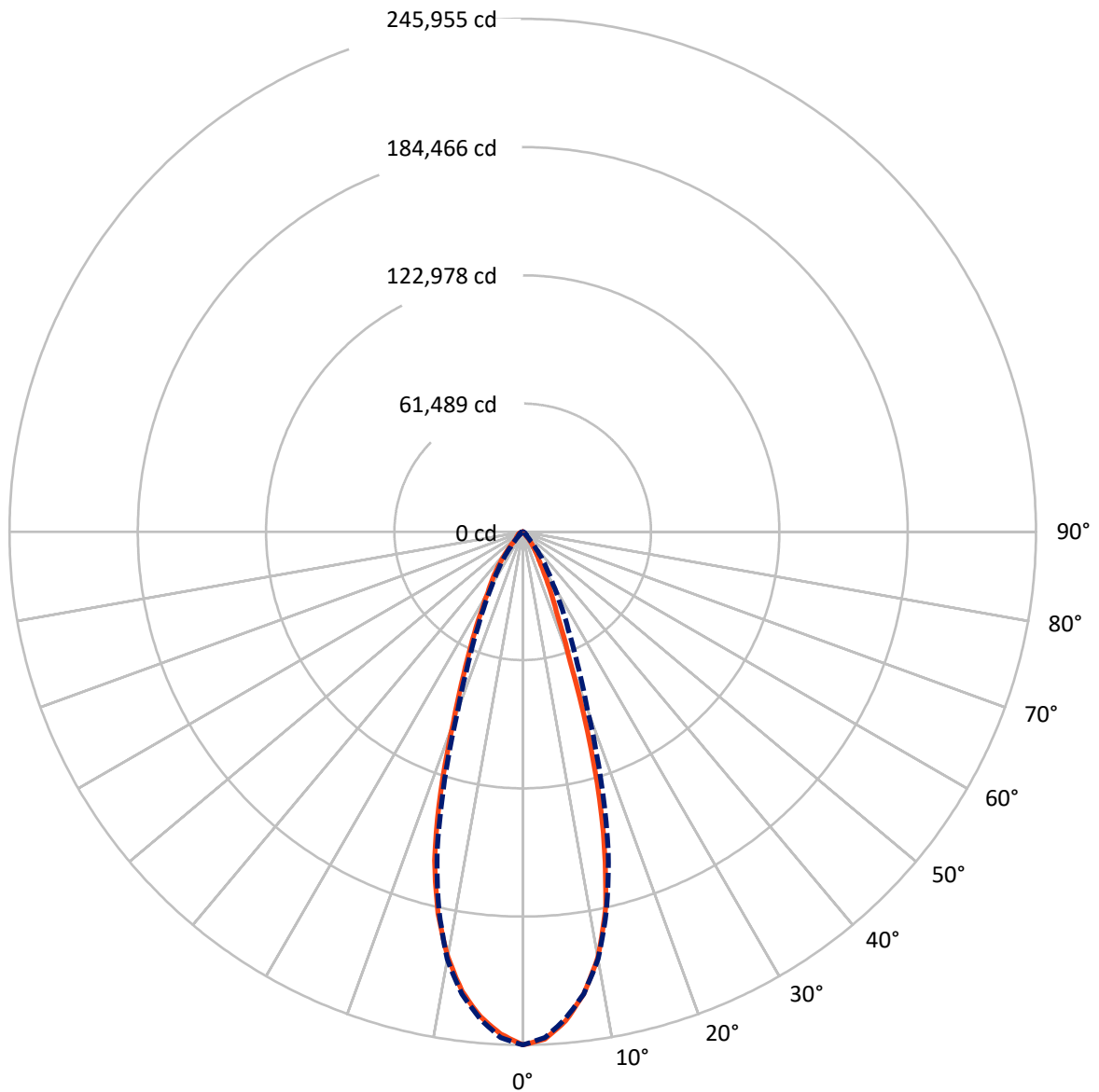
REPORT NUMBER: P735989 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

| | | | | | | | | | | | | | | | | | | | |
|-----|-----|------|------|------|-------|--------|--------|--------|--------|--------|--------|-------|------|------|------|-----|--|--|--|
| 90 | 0.3 | 1.1 | 1.9 | 2.6 | 3.0 | 2.6 | 1.9 | 1.1 | 0.3 | | | | | | | | | | |
| 80 | 0.3 | 1.1 | 1.9 | 2.6 | 3.0 | 2.6 | 1.9 | 1.1 | 0.3 | | | | | | | | | | |
| 70 | 0.4 | 0.2 | 0.3 | 0.6 | 0.9 | 0.7 | 0.7 | 0.8 | 0.8 | 0.7 | 0.7 | 0.9 | 0.6 | 0.3 | 0.2 | 0.4 | | | |
| 60 | | 0.5 | 0.8 | 1.4 | 1.3 | 1.0 | 1.2 | 1.4 | 1.4 | 1.2 | 1.0 | 1.3 | 1.4 | 0.8 | 0.5 | | | | |
| 50 | 1.0 | 1.3 | 2.9 | 5.8 | 10.7 | 16.9 | 24.8 | 32.0 | 32.0 | 24.8 | 16.9 | 10.7 | 5.8 | 2.9 | 1.3 | 1.0 | | | |
| 40 | | 3.0 | 9.7 | 18.5 | 30.5 | 70.5 | 157.5 | 255.1 | 255.1 | 157.5 | 70.5 | 30.5 | 18.5 | 9.7 | 3.0 | | | | |
| 30 | 2.2 | 5.4 | 16.2 | 31.4 | 98.5 | 302.9 | 660.9 | 1002.2 | 1002.2 | 660.9 | 302.9 | 98.5 | 31.4 | 16.2 | 5.4 | 2.2 | | | |
| 20 | | 7.2 | 21.3 | 50.2 | 256.3 | 849.9 | 2270.9 | 4035.3 | 4035.3 | 2270.9 | 849.9 | 256.3 | 50.2 | 21.3 | 7.2 | | | | |
| 10 | 3.3 | 8.9 | 24.9 | 69.6 | 401.1 | 1395.0 | 4129.0 | 6611.7 | 6611.7 | 4129.0 | 1395.0 | 401.1 | 69.6 | 24.9 | 8.9 | 3.3 | | | |
| 0 | | 9.9 | 27.7 | 77.8 | 429.9 | 1465.2 | 4328.6 | 6664.0 | 6664.0 | 4328.6 | 1465.2 | 429.9 | 77.8 | 27.7 | 9.9 | | | | |
| -10 | 3.8 | 10.2 | 29.2 | 71.6 | 343.2 | 1082.3 | 2724.8 | 4476.6 | 4476.6 | 2724.8 | 1082.3 | 343.2 | 71.6 | 29.2 | 10.2 | 3.8 | | | |
| -20 | | 9.5 | 29.1 | 61.4 | 188.8 | 601.1 | 1180.1 | 1704.2 | 1704.2 | 1180.1 | 601.1 | 188.8 | 61.4 | 29.1 | 9.5 | | | | |
| -30 | 3.5 | 8.1 | 26.2 | 51.4 | 90.7 | 223.1 | 449.4 | 621.2 | 621.2 | 449.4 | 223.1 | 90.7 | 51.4 | 26.2 | 8.1 | 3.5 | | | |
| -40 | | 6.4 | 19.7 | 41.1 | 64.8 | 90.0 | 122.8 | 157.2 | 157.2 | 122.8 | 90.0 | 64.8 | 41.1 | 19.7 | 6.4 | | | | |
| -50 | 3.0 | 4.7 | 12.3 | 26.7 | 46.1 | 62.2 | 75.1 | 84.3 | 84.3 | 75.1 | 62.2 | 46.1 | 26.7 | 12.3 | 4.7 | 3.0 | | | |
| -60 | | 3.6 | 7.2 | 13.5 | 23.2 | 32.8 | 41.7 | 47.7 | 47.7 | 41.7 | 32.8 | 23.2 | 13.5 | 7.2 | 3.6 | | | | |
| -70 | 2.2 | 12.9 | 29.1 | 47.1 | 57.9 | 47.1 | 29.1 | 12.9 | 2.2 | | | | | | | 2.2 | | | |
| -80 | | 12.9 | 29.1 | 47.1 | 57.9 | 47.1 | 29.1 | 12.9 | 2.2 | | | | | | | | | | |
| -90 | 0.3 | 1.1 | 1.9 | 2.6 | 3.0 | 2.6 | 1.9 | 1.1 | 0.3 | | | | | | | | | | |

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CATALOG NUMBER: EPH-LS-08-0680R-57-70-4S-VHE-S

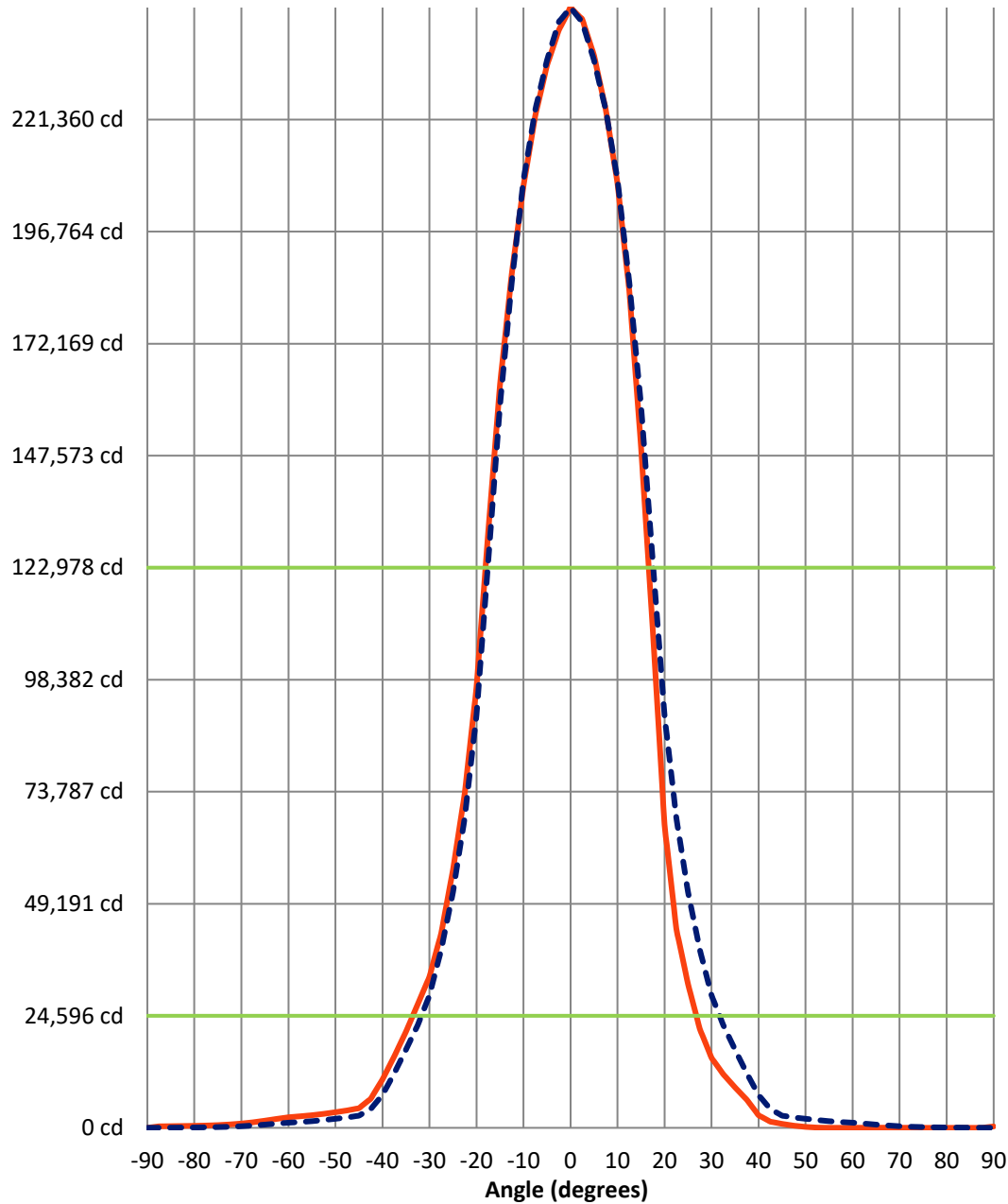
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 35.2°
V Angle: 34.7°
Lumens: 54761
Efficiency: 53.7%

Field:
H Angle: 63.4°
V Angle: 60.3°
Lumens: 89112.5
Efficiency: 87.3%

Spill:
Lumens: 12914.6
Efficiency: 12.7%

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



REPORT NUMBER: P735989 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680R-57-70-4S-VHE-S

FIELD
 BEAM

CANDELA DISTRIBUTION:

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|------|--------|------|--------|-------|--------|-------|--------|-------|
| 90° | 11.0 | 20.7 | 30.4 | 49.9 | 69.4 | 87.0 | 104.6 | 118.6 | 132.6 | 141.8 | 150.9 |
| 87.5° | 11.0 | 10.0 | 8.7 | 8.8 | 8.9 | 8.9 | 8.8 | 8.3 | 7.7 | 7.8 | 7.8 |
| 85° | 11.0 | 10.2 | 8.9 | 9.2 | 9.4 | 9.3 | 9.1 | 8.6 | 8.1 | 8.2 | 8.3 |
| 82.5° | 11.0 | 10.4 | 9.2 | 9.5 | 9.8 | 9.7 | 9.5 | 9.0 | 8.6 | 8.8 | 8.8 |
| 80° | 11.0 | 10.6 | 9.4 | 9.8 | 10.2 | 10.1 | 9.8 | 9.7 | 9.5 | 9.5 | 9.4 |
| 77.5° | 11.0 | 10.9 | 9.7 | 10.1 | 10.7 | 10.6 | 10.5 | 10.4 | 10.4 | 10.3 | 9.8 |
| 75° | 11.0 | 11.1 | 10.0 | 10.4 | 11.1 | 11.2 | 11.2 | 11.2 | 11.2 | 10.7 | 10.0 |
| 72.5° | 11.0 | 11.3 | 10.2 | 10.7 | 11.5 | 11.7 | 11.8 | 11.9 | 11.7 | 11.1 | 10.2 |
| 70° | 11.0 | 11.6 | 10.6 | 11.1 | 12.0 | 12.2 | 12.5 | 12.6 | 12.3 | 11.6 | 11.2 |
| 67.5° | 11.0 | 11.8 | 10.9 | 11.6 | 12.4 | 12.8 | 13.3 | 13.3 | 12.9 | 12.6 | 12.3 |
| 65° | 11.0 | 12.0 | 11.2 | 12.0 | 12.9 | 13.6 | 14.3 | 14.0 | 14.4 | 13.7 | 13.8 |
| 62.5° | 11.0 | 12.3 | 11.6 | 12.5 | 13.5 | 14.7 | 15.3 | 15.6 | 16.0 | 15.2 | 16.5 |
| 60° | 11.0 | 12.5 | 12.0 | 13.0 | 14.0 | 15.8 | 16.4 | 17.7 | 18.0 | 19.2 | 19.6 |
| 57.5° | 11.0 | 12.8 | 12.6 | 13.5 | 15.3 | 17.1 | 18.7 | 20.0 | 22.4 | 23.9 | 26.5 |
| 55° | 11.0 | 13.0 | 13.3 | 14.0 | 16.6 | 18.3 | 21.2 | 22.7 | 27.7 | 30.2 | 35.6 |
| 52.5° | 11.0 | 13.3 | 14.1 | 14.6 | 18.0 | 19.9 | 23.9 | 28.1 | 33.5 | 40.8 | 45.5 |
| 50° | 11.0 | 13.6 | 14.9 | 15.1 | 19.5 | 22.6 | 26.7 | 34.0 | 41.1 | 52.1 | 58.9 |
| 47.5° | 11.0 | 13.8 | 15.7 | 15.8 | 21.1 | 25.5 | 30.0 | 40.1 | 52.2 | 64.1 | 74.2 |
| 45° | 11.0 | 14.1 | 16.6 | 17.0 | 22.7 | 28.5 | 35.5 | 46.5 | 64.0 | 79.0 | 90.4 |
| 42.5° | 11.0 | 14.3 | 17.5 | 18.3 | 24.4 | 31.6 | 41.2 | 55.6 | 76.3 | 94.7 | 116.6 |
| 40° | 11.0 | 14.6 | 18.5 | 20.1 | 26.5 | 34.9 | 47.1 | 66.6 | 89.8 | 111.1 | 146.8 |
| 37.5° | 11.0 | 14.9 | 19.5 | 22.2 | 29.1 | 38.3 | 53.4 | 77.8 | 105.5 | 132.4 | 179.6 |
| 35° | 11.0 | 15.1 | 20.5 | 24.4 | 31.7 | 42.8 | 59.6 | 89.3 | 121.7 | 162.8 | 219.3 |
| 32.5° | 11.0 | 15.4 | 21.5 | 26.6 | 34.3 | 47.7 | 66.8 | 100.8 | 138.6 | 193.9 | 264.7 |
| 30° | 11.0 | 15.7 | 22.6 | 28.8 | 36.9 | 52.6 | 76.1 | 112.5 | 156.0 | 225.6 | 308.0 |
| 27.5° | 11.0 | 15.9 | 23.7 | 31.0 | 40.4 | 57.5 | 85.1 | 125.3 | 175.2 | 257.8 | 349.0 |
| 25° | 11.0 | 16.2 | 24.8 | 33.2 | 44.0 | 62.2 | 93.9 | 137.6 | 197.2 | 291.3 | 387.9 |
| 22.5° | 11.0 | 16.4 | 25.9 | 35.4 | 47.5 | 67.1 | 102.4 | 149.2 | 217.8 | 317.3 | 427.8 |
| 20° | 11.0 | 16.7 | 27.1 | 37.6 | 50.9 | 72.6 | 110.5 | 160.2 | 237.0 | 341.6 | 460.1 |
| 17.5° | 11.0 | 16.9 | 28.2 | 39.8 | 54.3 | 78.0 | 118.8 | 170.5 | 254.6 | 364.1 | 490.2 |
| 15° | 11.0 | 17.1 | 29.3 | 41.9 | 57.5 | 83.2 | 127.2 | 180.8 | 270.7 | 384.8 | 518.5 |
| 12.5° | 11.0 | 17.3 | 30.4 | 44.0 | 60.6 | 88.2 | 135.0 | 191.2 | 286.8 | 403.5 | 544.9 |
| 10° | 11.0 | 17.6 | 31.5 | 46.1 | 63.6 | 93.0 | 142.2 | 201.0 | 302.7 | 427.6 | 573.8 |
| 7.5° | 11.0 | 17.8 | 32.5 | 48.0 | 66.5 | 97.6 | 149.0 | 210.1 | 317.1 | 451.4 | 610.9 |
| 5° | 11.0 | 18.0 | 33.5 | 49.9 | 69.2 | 101.8 | 155.1 | 218.4 | 330.0 | 473.5 | 645.8 |
| 2.5° | 11.0 | 18.1 | 34.4 | 51.8 | 71.8 | 105.8 | 160.6 | 225.8 | 341.1 | 493.5 | 678.1 |
| 0° | 11.0 | 18.3 | 35.3 | 53.5 | 74.2 | 109.5 | 165.5 | 232.4 | 350.4 | 511.0 | 706.9 |
| -2.5° | 11.0 | 19.0 | 36.6 | 55.8 | 77.7 | 113.9 | 171.2 | 240.4 | 362.7 | 525.4 | 721.4 |
| -5° | 11.0 | 19.6 | 37.9 | 57.9 | 80.9 | 118.0 | 176.2 | 247.3 | 373.0 | 536.9 | 731.9 |
| -7.5° | 11.0 | 20.2 | 39.1 | 60.0 | 84.0 | 121.7 | 180.5 | 253.2 | 380.9 | 545.3 | 738.6 |
| -10° | 11.0 | 20.8 | 40.3 | 61.9 | 86.9 | 125.0 | 184.1 | 258.0 | 386.5 | 550.5 | 741.4 |
| -12.5° | 11.0 | 21.4 | 41.3 | 63.6 | 89.6 | 127.9 | 186.9 | 261.6 | 389.4 | 552.5 | 744.7 |
| -15° | 11.0 | 21.9 | 42.3 | 65.3 | 92.0 | 130.4 | 188.9 | 263.9 | 388.9 | 550.1 | 744.6 |
| -17.5° | 11.0 | 22.5 | 43.2 | 66.7 | 94.2 | 132.6 | 190.1 | 265.5 | 385.1 | 544.0 | 738.3 |
| -20° | 11.0 | 22.9 | 44.0 | 68.0 | 96.1 | 134.3 | 191.1 | 266.2 | 379.0 | 534.2 | 725.6 |



REPORT NUMBER: P735989 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680R-57-70-4S-VHE-S

CANDELA DISTRIBUTION (continued):

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|------|--------|-------|--------|-------|--------|-------|--------|-------|
| -22.5° | 11.0 | 23.4 | 44.8 | 69.2 | 97.7 | 135.6 | 192.0 | 265.8 | 370.6 | 520.6 | 706.7 |
| -25° | 11.0 | 23.8 | 45.4 | 70.2 | 99.1 | 137.2 | 192.1 | 264.3 | 359.8 | 503.1 | 686.9 |
| -27.5° | 11.0 | 24.2 | 45.9 | 71.0 | 100.1 | 138.6 | 191.3 | 261.6 | 346.8 | 488.0 | 670.1 |
| -30° | 11.0 | 24.6 | 46.4 | 71.6 | 100.9 | 139.6 | 189.6 | 257.7 | 339.0 | 474.1 | 648.0 |
| -32.5° | 11.0 | 24.9 | 46.8 | 72.1 | 102.3 | 140.0 | 187.0 | 254.4 | 334.5 | 456.5 | 620.2 |
| -35° | 11.0 | 25.1 | 47.0 | 72.3 | 103.3 | 140.0 | 186.0 | 250.6 | 328.1 | 435.3 | 586.9 |
| -37.5° | 11.0 | 25.4 | 47.2 | 72.4 | 104.1 | 140.0 | 185.5 | 245.5 | 319.9 | 410.4 | 555.0 |
| -40° | 11.0 | 25.5 | 47.3 | 72.3 | 104.6 | 140.6 | 184.3 | 239.0 | 309.8 | 394.4 | 523.9 |
| -42.5° | 11.0 | 25.7 | 47.3 | 72.2 | 104.9 | 140.9 | 182.3 | 231.2 | 299.9 | 381.2 | 489.1 |
| -45° | 11.0 | 25.8 | 47.2 | 72.4 | 105.1 | 140.7 | 179.6 | 224.6 | 289.4 | 365.6 | 453.7 |
| -47.5° | 11.0 | 25.8 | 47.0 | 72.3 | 105.0 | 140.2 | 176.3 | 220.7 | 277.2 | 347.5 | 433.0 |
| -50° | 11.0 | 25.8 | 46.7 | 72.3 | 104.6 | 139.3 | 174.5 | 216.0 | 263.3 | 331.4 | 409.5 |
| -52.5° | 11.0 | 25.8 | 46.3 | 72.2 | 103.9 | 138.0 | 172.6 | 210.6 | 254.1 | 313.3 | 382.3 |
| -55° | 11.0 | 25.7 | 45.9 | 71.9 | 102.8 | 136.3 | 170.3 | 205.0 | 246.5 | 293.2 | 356.4 |
| -57.5° | 11.0 | 25.6 | 45.3 | 71.4 | 101.5 | 134.3 | 167.5 | 201.6 | 237.9 | 280.4 | 328.5 |
| -60° | 11.0 | 25.4 | 44.6 | 70.7 | 99.9 | 131.8 | 164.4 | 197.5 | 229.3 | 269.1 | 303.7 |
| -62.5° | 11.0 | 25.2 | 44.0 | 69.8 | 98.5 | 129.0 | 160.7 | 192.6 | 223.2 | 256.1 | 288.0 |
| -65° | 11.0 | 25.0 | 43.2 | 68.8 | 96.9 | 125.8 | 156.6 | 187.1 | 216.4 | 245.5 | 271.6 |
| -67.5° | 11.0 | 24.7 | 42.3 | 67.5 | 95.0 | 122.6 | 152.0 | 180.9 | 208.9 | 235.6 | 258.6 |
| -70° | 11.0 | 24.4 | 41.3 | 66.1 | 92.9 | 119.3 | 147.0 | 174.4 | 201.1 | 225.1 | 246.9 |
| -72.5° | 11.0 | 24.0 | 40.2 | 64.6 | 90.5 | 115.6 | 142.0 | 167.4 | 192.8 | 214.6 | 234.7 |
| -75° | 11.0 | 23.6 | 39.0 | 62.9 | 87.9 | 111.7 | 136.5 | 160.2 | 184.1 | 203.8 | 222.2 |
| -77.5° | 11.0 | 23.2 | 37.7 | 61.1 | 85.2 | 107.4 | 130.7 | 152.7 | 174.9 | 192.6 | 209.3 |
| -80° | 11.0 | 22.8 | 36.4 | 59.1 | 82.4 | 103.5 | 124.6 | 144.8 | 165.4 | 181.1 | 196.3 |
| -82.5° | 11.0 | 22.3 | 35.0 | 57.0 | 79.4 | 99.6 | 119.8 | 137.5 | 155.5 | 169.5 | 183.2 |
| -85° | 11.0 | 21.8 | 33.5 | 54.7 | 76.2 | 95.6 | 114.9 | 131.4 | 148.0 | 159.6 | 171.1 |
| -87.5° | 11.0 | 21.2 | 32.0 | 52.4 | 72.9 | 91.4 | 109.9 | 125.1 | 140.4 | 150.7 | 161.1 |
| -90° | 11.0 | 9.8 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 7.9 | 7.3 | 7.3 | 7.3 |



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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° | 157.6 | 164.3 | 170.4 | 176.4 | 183.7 | 191.0 | 198.3 | 205.6 | 213.6 | 221.5 | 229.4 |
| 87.5° | 7.3 | 6.7 | 6.7 | 6.8 | 6.2 | 5.7 | 5.3 | 4.9 | 4.9 | 4.9 | 4.8 |
| 85° | 7.8 | 7.3 | 7.3 | 7.3 | 6.8 | 6.5 | 5.9 | 5.4 | 5.5 | 5.5 | 5.3 |
| 82.5° | 8.4 | 7.9 | 7.7 | 7.3 | 7.2 | 7.2 | 6.8 | 6.3 | 6.2 | 6.1 | 5.8 |
| 80° | 9.0 | 8.6 | 8.1 | 7.7 | 7.6 | 7.4 | 7.1 | 7.1 | 6.8 | 6.3 | 6.2 |
| 77.5° | 9.2 | 8.6 | 8.4 | 8.3 | 8.1 | 7.5 | 7.3 | 7.3 | 7.2 | 7.1 | 6.8 |
| 75° | 9.3 | 8.7 | 8.7 | 8.6 | 8.1 | 7.5 | 7.3 | 7.6 | 7.6 | 7.4 | 7.2 |
| 72.5° | 9.8 | 9.5 | 9.1 | 8.8 | 8.5 | 8.2 | 8.1 | 8.4 | 9.1 | 9.7 | 10.3 |
| 70° | 10.9 | 10.4 | 10.0 | 9.8 | 9.3 | 9.3 | 10.3 | 12.4 | 14.3 | 15.2 | 17.2 |
| 67.5° | 12.0 | 11.7 | 11.4 | 11.0 | 11.1 | 12.1 | 13.5 | 17.9 | 21.9 | 24.6 | 27.5 |
| 65° | 13.3 | 13.0 | 13.1 | 13.2 | 13.4 | 17.1 | 21.2 | 25.6 | 32.4 | 36.3 | 36.4 |
| 62.5° | 14.8 | 16.7 | 15.9 | 17.0 | 20.5 | 24.5 | 30.6 | 38.5 | 47.2 | 50.7 | 48.5 |
| 60° | 21.1 | 22.0 | 22.5 | 25.1 | 28.6 | 32.8 | 41.3 | 51.0 | 61.0 | 67.1 | 58.1 |
| 57.5° | 29.0 | 30.3 | 32.5 | 34.1 | 37.9 | 40.4 | 50.4 | 62.3 | 68.7 | 72.6 | 62.4 |
| 55° | 38.9 | 40.8 | 44.2 | 44.9 | 48.1 | 49.2 | 57.6 | 65.7 | 71.2 | 72.3 | 61.3 |
| 52.5° | 51.6 | 53.7 | 58.6 | 59.4 | 59.5 | 60.5 | 61.7 | 70.6 | 75.0 | 73.8 | 63.7 |
| 50° | 65.2 | 72.7 | 75.3 | 78.1 | 74.5 | 76.0 | 71.9 | 82.3 | 91.0 | 88.7 | 91.6 |
| 47.5° | 85.3 | 94.7 | 98.5 | 103.5 | 100.9 | 109.2 | 106.2 | 125.9 | 132.7 | 172.0 | 180.8 |
| 45° | 109.4 | 126.1 | 131.2 | 142.8 | 154.5 | 164.3 | 196.0 | 198.5 | 281.5 | 316.1 | 381.3 |
| 42.5° | 138.4 | 164.6 | 185.8 | 190.1 | 246.6 | 276.7 | 320.7 | 393.2 | 465.9 | 532.6 | 577.0 |
| 40° | 181.5 | 208.6 | 254.0 | 307.1 | 367.0 | 431.8 | 490.5 | 574.7 | 645.2 | 697.6 | 728.9 |
| 37.5° | 230.6 | 282.1 | 344.1 | 439.7 | 520.7 | 586.8 | 653.5 | 726.2 | 792.6 | 838.6 | 898.6 |
| 35° | 284.4 | 359.4 | 474.4 | 573.9 | 660.9 | 723.1 | 788.2 | 865.3 | 928.0 | 1002.3 | 1076.4 |
| 32.5° | 349.7 | 438.4 | 582.6 | 690.1 | 760.8 | 834.3 | 909.5 | 990.6 | 1080.4 | 1171.9 | 1266.7 |
| 30° | 414.4 | 527.4 | 668.2 | 780.0 | 848.4 | 934.1 | 1025.5 | 1120.6 | 1238.3 | 1353.6 | 1481.7 |
| 27.5° | 465.2 | 603.7 | 737.7 | 853.2 | 932.9 | 1034.4 | 1145.9 | 1270.0 | 1409.8 | 1550.9 | 1721.2 |
| 25° | 510.6 | 660.5 | 807.7 | 930.1 | 1031.4 | 1143.9 | 1274.9 | 1423.8 | 1590.3 | 1788.7 | 2324.0 |
| 22.5° | 554.9 | 715.8 | 885.0 | 1012.5 | 1126.4 | 1253.5 | 1411.5 | 1585.3 | 1781.2 | 2044.8 | 2991.7 |
| 20° | 600.4 | 778.4 | 959.0 | 1081.1 | 1213.2 | 1355.6 | 1540.7 | 1742.4 | 1985.2 | 2608.0 | 4004.6 |
| 17.5° | 647.1 | 843.1 | 1022.1 | 1141.3 | 1280.4 | 1454.0 | 1669.3 | 1896.8 | 2192.8 | 3135.4 | 5273.3 |
| 15° | 692.7 | 904.0 | 1072.6 | 1194.5 | 1347.8 | 1550.0 | 1790.4 | 2069.1 | 2560.3 | 3871.4 | 6544.3 |
| 12.5° | 736.3 | 958.7 | 1110.1 | 1240.3 | 1414.5 | 1640.4 | 1902.7 | 2215.6 | 2992.1 | 4864.6 | 7930.8 |
| 10° | 777.2 | 1007.2 | 1142.8 | 1284.0 | 1479.5 | 1725.3 | 2003.3 | 2344.4 | 3369.2 | 5658.3 | 9028.4 |
| 7.5° | 821.6 | 1048.7 | 1172.3 | 1325.4 | 1539.5 | 1803.0 | 2086.2 | 2443.6 | 3650.1 | 6266.9 | 9843.7 |
| 5° | 862.0 | 1082.5 | 1206.4 | 1374.0 | 1599.2 | 1873.1 | 2157.2 | 2526.7 | 3841.8 | 6652.7 | 10409.6 |
| 2.5° | 897.1 | 1109.4 | 1238.1 | 1420.2 | 1655.2 | 1934.6 | 2221.5 | 2609.9 | 4012.9 | 6978.8 | 11125.6 |
| 0° | 927.2 | 1130.4 | 1266.6 | 1461.3 | 1703.5 | 1985.8 | 2274.1 | 2676.9 | 4127.3 | 7198.4 | 11955.9 |
| -2.5° | 945.6 | 1161.8 | 1314.1 | 1504.4 | 1743.4 | 2022.0 | 2321.6 | 2748.5 | 4243.1 | 7673.1 | 12272.2 |
| -5° | 958.7 | 1187.1 | 1356.7 | 1542.2 | 1775.6 | 2048.5 | 2356.4 | 2799.1 | 4292.9 | 7803.6 | 12180.1 |
| -7.5° | 966.4 | 1205.5 | 1393.3 | 1575.3 | 1804.5 | 2079.3 | 2411.3 | 2866.9 | 4315.5 | 7481.8 | 11658.1 |
| -10° | 970.4 | 1220.9 | 1417.1 | 1602.6 | 1831.3 | 2107.6 | 2454.1 | 2910.7 | 4222.8 | 7047.6 | 11057.6 |
| -12.5° | 980.8 | 1234.1 | 1436.2 | 1622.9 | 1849.1 | 2127.9 | 2487.5 | 2943.7 | 4011.7 | 6451.0 | 10232.2 |
| -15° | 983.6 | 1240.9 | 1452.1 | 1636.8 | 1867.7 | 2157.7 | 2512.7 | 2949.3 | 3706.8 | 5679.9 | 9178.4 |
| -17.5° | 978.1 | 1241.2 | 1463.1 | 1647.7 | 1877.1 | 2169.2 | 2520.7 | 2933.1 | 3478.9 | 5119.7 | 8118.1 |
| -20° | 963.8 | 1226.7 | 1466.5 | 1648.8 | 1873.6 | 2173.8 | 2524.7 | 2926.1 | 3423.3 | 4546.9 | 6832.3 |



REPORT NUMBER: P735989 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680R-57-70-4S-VHE-S

CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 940.7 | 1203.8 | 1454.7 | 1647.0 | 1885.8 | 2175.8 | 2513.0 | 2882.8 | 3302.8 | 3856.0 | 5552.3 |
| -25° | 915.9 | 1171.2 | 1423.8 | 1652.9 | 1888.1 | 2165.7 | 2463.9 | 2803.4 | 3191.2 | 3623.8 | 4639.0 |
| -27.5° | 889.1 | 1133.2 | 1392.2 | 1645.5 | 1876.6 | 2127.8 | 2404.7 | 2722.9 | 3042.3 | 3391.7 | 3824.1 |
| -30° | 856.7 | 1091.8 | 1349.8 | 1618.8 | 1849.3 | 2084.0 | 2339.3 | 2596.6 | 2882.9 | 3197.4 | 3563.7 |
| -32.5° | 817.9 | 1043.3 | 1297.3 | 1563.0 | 1813.2 | 2033.2 | 2246.7 | 2477.8 | 2733.2 | 3010.5 | 3313.4 |
| -35° | 775.7 | 994.0 | 1235.6 | 1495.1 | 1769.2 | 1971.2 | 2156.8 | 2356.6 | 2582.9 | 2836.3 | 3117.6 |
| -37.5° | 732.9 | 937.2 | 1163.3 | 1416.4 | 1682.9 | 1894.4 | 2061.5 | 2248.0 | 2447.2 | 2664.2 | 2925.9 |
| -40° | 684.3 | 871.8 | 1087.9 | 1327.1 | 1563.5 | 1792.0 | 1975.7 | 2144.7 | 2319.8 | 2518.3 | 2732.1 |
| -42.5° | 632.0 | 808.1 | 1005.4 | 1222.2 | 1436.8 | 1654.7 | 1884.7 | 2050.9 | 2207.5 | 2376.1 | 2563.4 |
| -45° | 588.3 | 737.7 | 916.2 | 1109.0 | 1302.4 | 1513.5 | 1735.4 | 1957.5 | 2100.5 | 2246.4 | 2406.0 |
| -47.5° | 537.8 | 666.4 | 829.6 | 990.2 | 1168.7 | 1367.7 | 1578.0 | 1783.9 | 1987.0 | 2128.9 | 2263.3 |
| -50° | 489.5 | 606.0 | 730.6 | 878.4 | 1037.5 | 1221.2 | 1413.8 | 1602.1 | 1792.5 | 1984.8 | 2137.9 |
| -52.5° | 456.3 | 541.3 | 649.4 | 766.2 | 913.3 | 1075.7 | 1244.5 | 1412.3 | 1591.1 | 1774.5 | 1951.1 |
| -55° | 420.4 | 493.3 | 570.3 | 669.5 | 790.6 | 935.2 | 1075.7 | 1226.1 | 1379.6 | 1548.8 | 1720.8 |
| -57.5° | 386.3 | 446.7 | 507.1 | 582.4 | 684.3 | 794.8 | 918.0 | 1041.5 | 1180.7 | 1322.4 | 1469.7 |
| -60° | 352.5 | 402.0 | 453.3 | 513.4 | 583.6 | 676.8 | 766.0 | 873.5 | 989.2 | 1105.7 | 1236.6 |
| -62.5° | 320.1 | 360.5 | 403.2 | 454.0 | 512.7 | 567.6 | 641.3 | 724.7 | 808.1 | 911.3 | 1017.4 |
| -65° | 301.0 | 323.5 | 357.1 | 401.1 | 446.8 | 495.5 | 543.3 | 594.4 | 667.0 | 744.0 | 819.4 |
| -67.5° | 280.8 | 301.5 | 322.5 | 349.7 | 389.7 | 427.6 | 466.1 | 511.1 | 557.4 | 607.2 | 662.1 |
| -70° | 265.7 | 280.1 | 298.7 | 320.1 | 341.0 | 363.9 | 398.2 | 434.0 | 469.6 | 508.4 | 551.4 |
| -72.5° | 251.3 | 264.8 | 278.7 | 293.8 | 312.1 | 329.6 | 347.6 | 366.9 | 395.0 | 429.1 | 461.1 |
| -75° | 236.9 | 249.4 | 262.0 | 275.2 | 288.9 | 302.3 | 316.5 | 333.8 | 353.1 | 374.0 | 393.6 |
| -77.5° | 222.2 | 233.7 | 245.3 | 256.7 | 269.1 | 282.0 | 294.3 | 306.7 | 321.8 | 338.0 | 353.4 |
| -80° | 207.7 | 217.9 | 228.7 | 239.3 | 250.2 | 261.4 | 272.2 | 282.6 | 295.7 | 309.6 | 323.3 |
| -82.5° | 193.5 | 203.2 | 212.4 | 221.7 | 231.2 | 240.5 | 250.2 | 259.9 | 271.9 | 284.2 | 295.8 |
| -85° | 179.8 | 188.3 | 196.1 | 203.9 | 212.7 | 221.3 | 229.6 | 237.9 | 248.8 | 259.8 | 269.8 |
| -87.5° | 168.8 | 176.4 | 183.0 | 189.6 | 197.3 | 205.0 | 212.2 | 219.3 | 228.7 | 238.2 | 246.7 |
| -90° | 6.7 | 6.1 | 6.1 | 6.1 | 5.5 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.3 |



REPORT NUMBER: P735989 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680R-57-70-4S-VHE-S

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|----------|
| 90° | 237.3 | 242.8 | 248.2 | 251.9 | 255.5 | 261.0 | 266.5 | 274.4 | 282.3 | 289.0 | 295.7 |
| 87.5° | 4.7 | 4.2 | 3.7 | 3.6 | 3.6 | 3.6 | 3.6 | 3.0 | 2.4 | 2.4 | 2.4 |
| 85° | 4.9 | 4.7 | 4.6 | 4.6 | 4.7 | 4.2 | 3.7 | 3.6 | 3.6 | 3.6 | 3.7 |
| 82.5° | 5.5 | 5.2 | 4.9 | 4.9 | 4.9 | 4.8 | 4.7 | 4.2 | 3.7 | 3.7 | 3.7 |
| 80° | 6.1 | 5.8 | 5.5 | 5.3 | 5.0 | 4.9 | 4.9 | 4.4 | 3.8 | 3.7 | 3.7 |
| 77.5° | 6.3 | 6.3 | 6.1 | 5.6 | 5.0 | 4.9 | 4.9 | 4.4 | 3.8 | 3.7 | 3.7 |
| 75° | 7.2 | 7.1 | 7.0 | 6.8 | 6.6 | 6.8 | 7.2 | 7.0 | 6.7 | 6.4 | 6.0 |
| 72.5° | 11.0 | 11.0 | 10.7 | 11.4 | 12.0 | 12.6 | 12.9 | 13.2 | 13.8 | 14.6 | 15.7 |
| 70° | 19.4 | 20.9 | 21.0 | 20.9 | 20.9 | 20.3 | 19.6 | 19.3 | 19.5 | 19.8 | 20.2 |
| 67.5° | 29.3 | 30.5 | 31.0 | 31.3 | 28.5 | 26.7 | 26.0 | 26.0 | 27.2 | 29.4 | 32.5 |
| 65° | 37.3 | 35.0 | 33.0 | 30.9 | 31.0 | 30.9 | 29.5 | 28.9 | 29.8 | 31.2 | 32.7 |
| 62.5° | 44.4 | 35.3 | 29.4 | 26.5 | 27.0 | 27.9 | 25.2 | 23.2 | 22.6 | 22.2 | 22.3 |
| 60° | 47.6 | 33.2 | 23.4 | 19.8 | 17.8 | 16.7 | 14.9 | 12.7 | 12.1 | 11.9 | 12.2 |
| 57.5° | 48.1 | 31.6 | 18.6 | 14.7 | 11.2 | 8.7 | 7.3 | 6.4 | 6.4 | 6.2 | 6.0 |
| 55° | 46.6 | 32.0 | 18.0 | 16.5 | 15.1 | 13.9 | 12.1 | 11.8 | 11.1 | 11.0 | 11.7 |
| 52.5° | 48.3 | 44.8 | 36.7 | 35.5 | 43.4 | 43.6 | 37.6 | 46.2 | 52.0 | 56.6 | 58.7 |
| 50° | 95.5 | 91.7 | 115.9 | 115.9 | 140.3 | 161.3 | 155.3 | 167.4 | 188.5 | 206.9 | 218.2 |
| 47.5° | 223.1 | 240.6 | 276.9 | 309.4 | 346.1 | 392.5 | 413.1 | 427.7 | 446.1 | 471.0 | 487.6 |
| 45° | 415.5 | 459.0 | 506.1 | 558.8 | 620.2 | 674.6 | 706.2 | 736.7 | 756.9 | 778.9 | 805.0 |
| 42.5° | 617.0 | 668.9 | 738.7 | 801.6 | 868.2 | 931.6 | 981.7 | 1025.8 | 1111.8 | 1234.4 | 1331.9 |
| 40° | 789.5 | 848.5 | 929.6 | 1013.5 | 1091.9 | 1172.2 | 1393.1 | 1581.4 | 1816.0 | 2166.4 | 2476.8 |
| 37.5° | 960.8 | 1029.0 | 1119.4 | 1222.3 | 1458.7 | 1698.0 | 2180.5 | 2701.8 | 3153.4 | 3659.9 | 4171.4 |
| 35° | 1147.5 | 1237.0 | 1358.0 | 1704.0 | 2141.5 | 2779.4 | 3471.4 | 4245.6 | 4902.8 | 5610.0 | 6646.1 |
| 32.5° | 1367.8 | 1524.3 | 1915.4 | 2544.4 | 3329.0 | 4235.0 | 5093.4 | 6066.6 | 6887.4 | 8186.7 | 9769.2 |
| 30° | 1651.9 | 2142.6 | 2893.4 | 3761.9 | 4820.6 | 5967.5 | 7043.7 | 8620.0 | 10461.5 | 12091.8 | 13438.0 |
| 27.5° | 2337.1 | 3285.0 | 4333.2 | 5433.9 | 6759.6 | 8149.3 | 10405.9 | 12446.1 | 14427.4 | 16187.7 | 18232.7 |
| 25° | 3360.3 | 4880.8 | 6672.4 | 8148.0 | 9949.3 | 12460.9 | 15012.6 | 17259.5 | 20270.9 | 22919.6 | 25890.7 |
| 22.5° | 4807.5 | 6972.7 | 9280.2 | 11434.6 | 14201.0 | 17346.7 | 20779.8 | 24919.8 | 29103.2 | 33750.0 | 37884.0 |
| 20° | 6220.1 | 8959.4 | 11881.7 | 14983.1 | 18526.0 | 22459.0 | 28071.0 | 34789.8 | 41236.1 | 48557.1 | 54730.3 |
| 17.5° | 8101.2 | 11412.7 | 14868.7 | 18811.1 | 23366.1 | 29417.0 | 37700.3 | 46887.3 | 56855.7 | 67787.8 | 77897.1 |
| 15° | 10014.0 | 13581.5 | 17597.4 | 22643.1 | 29085.9 | 37309.7 | 47877.2 | 60383.6 | 74961.6 | 91032.2 | 110569.9 |
| 12.5° | 11581.7 | 15482.7 | 20178.5 | 26537.3 | 34963.8 | 45961.8 | 58765.2 | 73819.9 | 93805.9 | 118044.9 | 140744.0 |
| 10° | 12921.1 | 17598.7 | 23532.5 | 31058.2 | 40969.7 | 53385.4 | 67930.0 | 86568.8 | 113491.0 | 141570.9 | 166481.1 |
| 7.5° | 14300.8 | 19834.5 | 26118.6 | 34278.2 | 45547.8 | 59640.7 | 77550.8 | 101890.5 | 131511.9 | 160312.6 | 183156.4 |
| 5° | 15602.1 | 21359.1 | 27750.4 | 36468.1 | 48655.1 | 63791.0 | 84112.0 | 113757.8 | 145992.4 | 174200.8 | 195662.4 |
| 2.5° | 16621.4 | 22125.9 | 28609.8 | 38098.9 | 50335.0 | 66046.6 | 88225.1 | 121096.3 | 154910.4 | 182711.1 | 204718.3 |
| 0° | 17150.3 | 22541.7 | 29086.7 | 39118.9 | 51728.2 | 68116.8 | 90583.1 | 124334.8 | 158538.0 | 185610.9 | 208042.0 |
| -2.5° | 17033.2 | 22341.0 | 28791.5 | 38331.7 | 51409.8 | 68491.2 | 92543.7 | 126022.5 | 159162.8 | 186600.0 | 207740.0 |
| -5° | 16787.1 | 22024.7 | 28386.2 | 37364.5 | 50269.6 | 67549.7 | 90414.8 | 121194.2 | 153200.4 | 181344.7 | 201896.2 |
| -7.5° | 16328.4 | 21495.3 | 27577.9 | 35949.7 | 48379.8 | 64743.5 | 85377.0 | 112123.2 | 142827.7 | 171026.3 | 190921.8 |
| -10° | 15653.6 | 20677.5 | 26417.9 | 34031.9 | 45195.2 | 60224.9 | 77766.9 | 98653.9 | 127376.6 | 153740.8 | 175847.2 |
| -12.5° | 14694.5 | 19520.4 | 24808.5 | 31351.4 | 41348.7 | 54593.9 | 69716.9 | 87071.4 | 107599.8 | 133026.2 | 153747.6 |
| -15° | 13474.0 | 18012.6 | 22926.5 | 29099.9 | 37459.2 | 48311.8 | 61062.4 | 74525.4 | 90259.8 | 107811.1 | 128009.0 |
| -17.5° | 11976.3 | 16239.5 | 20815.5 | 26137.6 | 32898.1 | 42003.5 | 52089.7 | 62594.7 | 73952.1 | 86868.2 | 98734.5 |
| -20° | 10190.2 | 14089.8 | 18402.1 | 23352.4 | 29145.2 | 35722.2 | 43054.2 | 51546.6 | 60350.0 | 69568.5 | 77724.7 |



REPORT NUMBER: P735989 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680R-57-70-4S-VHE-S

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| -22.5° | 8376.6 | 11933.9 | 16043.2 | 20371.7 | 25406.6 | 30426.8 | 35351.4 | 41665.9 | 48464.2 | 55138.0 | 61209.0 |
| -25° | 6554.2 | 9694.6 | 13515.3 | 17575.2 | 21616.4 | 25717.0 | 29715.5 | 33636.5 | 38528.6 | 42824.3 | 47280.1 |
| -27.5° | 5205.9 | 7555.1 | 10763.3 | 14306.3 | 17827.7 | 21249.3 | 24706.4 | 27981.7 | 31066.8 | 33661.0 | 36665.1 |
| -30° | 4094.1 | 5679.9 | 8158.2 | 10946.3 | 14027.4 | 17042.2 | 20021.2 | 22787.9 | 25217.4 | 27353.5 | 29439.5 |
| -32.5° | 3701.6 | 4349.1 | 5821.9 | 7940.6 | 10371.4 | 13016.3 | 15506.3 | 17882.8 | 19885.7 | 21870.7 | 23740.0 |
| -35° | 3424.1 | 3780.7 | 4262.2 | 5585.7 | 7168.7 | 9273.5 | 11225.4 | 13197.6 | 14879.8 | 16862.3 | 18395.2 |
| -37.5° | 3196.7 | 3471.3 | 3775.8 | 4087.9 | 5050.6 | 6104.4 | 7509.7 | 8988.1 | 10287.7 | 11950.7 | 13304.0 |
| -40° | 2976.6 | 3219.7 | 3457.6 | 3695.0 | 3950.9 | 4186.1 | 5022.6 | 5785.0 | 6666.5 | 7804.1 | 8777.5 |
| -42.5° | 2763.8 | 2977.8 | 3183.9 | 3376.8 | 3555.7 | 3710.1 | 3878.3 | 4039.7 | 4515.7 | 5095.5 | 5540.9 |
| -45° | 2572.6 | 2754.7 | 2927.2 | 3090.3 | 3226.5 | 3350.1 | 3479.8 | 3614.8 | 3791.8 | 3952.7 | 4085.5 |
| -47.5° | 2410.2 | 2554.1 | 2695.5 | 2828.3 | 2933.0 | 3038.5 | 3141.7 | 3258.3 | 3396.1 | 3531.1 | 3644.1 |
| -50° | 2263.3 | 2387.8 | 2495.1 | 2589.2 | 2676.3 | 2765.5 | 2847.7 | 2951.2 | 3062.2 | 3173.8 | 3267.3 |
| -52.5° | 2122.6 | 2233.4 | 2322.9 | 2394.6 | 2460.9 | 2533.7 | 2604.5 | 2687.0 | 2777.1 | 2871.0 | 2945.2 |
| -55° | 1886.0 | 2026.8 | 2157.0 | 2224.3 | 2276.3 | 2336.3 | 2396.3 | 2463.1 | 2539.1 | 2618.0 | 2676.9 |
| -57.5° | 1624.7 | 1763.6 | 1886.3 | 1973.6 | 2059.8 | 2147.9 | 2213.8 | 2266.2 | 2334.9 | 2402.3 | 2453.1 |
| -60° | 1362.2 | 1478.7 | 1587.0 | 1675.3 | 1765.2 | 1853.4 | 1927.5 | 1995.8 | 2080.8 | 2158.1 | 2221.0 |
| -62.5° | 1117.9 | 1219.7 | 1303.3 | 1374.8 | 1451.5 | 1528.1 | 1598.7 | 1666.0 | 1743.3 | 1812.7 | 1871.6 |
| -65° | 895.8 | 981.2 | 1043.1 | 1099.2 | 1160.2 | 1223.7 | 1279.7 | 1335.4 | 1397.5 | 1453.0 | 1501.4 |
| -67.5° | 724.3 | 781.0 | 819.5 | 855.4 | 903.7 | 953.0 | 996.9 | 1041.3 | 1088.7 | 1130.8 | 1167.4 |
| -70° | 593.0 | 628.3 | 652.1 | 679.5 | 713.9 | 745.5 | 774.3 | 806.8 | 841.7 | 873.9 | 903.1 |
| -72.5° | 491.6 | 515.9 | 533.6 | 555.5 | 577.4 | 597.4 | 615.6 | 639.0 | 664.4 | 689.3 | 712.9 |
| -75° | 411.8 | 427.5 | 444.6 | 460.3 | 475.3 | 489.9 | 503.3 | 522.0 | 541.6 | 560.3 | 578.2 |
| -77.5° | 369.5 | 381.2 | 390.8 | 399.5 | 407.7 | 417.1 | 426.4 | 442.2 | 459.3 | 473.8 | 487.3 |
| -80° | 336.7 | 345.8 | 353.7 | 360.4 | 366.6 | 374.2 | 382.0 | 394.9 | 408.4 | 420.5 | 432.4 |
| -82.5° | 307.3 | 315.1 | 322.4 | 328.6 | 334.4 | 341.0 | 347.6 | 358.9 | 370.5 | 380.9 | 391.0 |
| -85° | 279.8 | 286.6 | 293.1 | 298.6 | 304.0 | 310.1 | 316.0 | 325.9 | 335.9 | 345.1 | 354.1 |
| -87.5° | 255.2 | 261.2 | 267.1 | 271.2 | 275.3 | 281.2 | 287.0 | 295.8 | 304.6 | 312.7 | 320.8 |
| -90° | 3.7 | 3.7 | 3.7 | 3.1 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 1.8 | 1.2 |



REPORT NUMBER: P735989 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680R-57-70-4S-VHE-S

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 90° | 299.4 | 303.0 | 303.6 | 304.2 | 303.6 | 303.0 | 299.4 | 295.7 | 289.0 | 282.3 | 274.4 |
| 87.5° | 1.8 | 1.2 | 1.8 | 2.4 | 1.8 | 1.2 | 1.8 | 2.4 | 2.4 | 2.4 | 3.0 |
| 85° | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 | 3.6 | 3.6 | 3.6 |
| 82.5° | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 | 4.2 |
| 80° | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 | 3.8 | 4.4 |
| 77.5° | 3.1 | 2.5 | 3.0 | 3.7 | 3.0 | 2.5 | 3.1 | 3.7 | 3.7 | 3.8 | 4.4 |
| 75° | 5.4 | 4.9 | 4.3 | 3.7 | 4.3 | 4.9 | 5.4 | 6.0 | 6.4 | 6.7 | 7.0 |
| 72.5° | 16.3 | 16.7 | 17.5 | 18.3 | 17.5 | 16.7 | 16.3 | 15.7 | 14.6 | 13.8 | 13.2 |
| 70° | 19.5 | 18.4 | 18.3 | 18.3 | 18.3 | 18.4 | 19.5 | 20.2 | 19.8 | 19.5 | 19.3 |
| 67.5° | 34.9 | 36.8 | 37.5 | 37.7 | 37.5 | 36.8 | 34.9 | 32.5 | 29.4 | 27.2 | 26.0 |
| 65° | 34.0 | 35.2 | 35.3 | 35.3 | 35.3 | 35.2 | 34.0 | 32.7 | 31.2 | 29.8 | 28.9 |
| 62.5° | 22.7 | 23.3 | 23.8 | 24.3 | 23.8 | 23.3 | 22.7 | 22.3 | 22.2 | 22.6 | 23.2 |
| 60° | 12.7 | 13.5 | 14.0 | 14.6 | 14.0 | 13.5 | 12.7 | 12.2 | 11.9 | 12.1 | 12.7 |
| 57.5° | 6.0 | 6.3 | 6.7 | 7.3 | 6.7 | 6.3 | 6.0 | 6.0 | 6.2 | 6.4 | 6.4 |
| 55° | 12.3 | 12.9 | 13.3 | 13.4 | 13.3 | 12.9 | 12.3 | 11.7 | 11.0 | 11.1 | 11.8 |
| 52.5° | 57.7 | 55.0 | 52.8 | 51.1 | 52.8 | 55.0 | 57.7 | 58.7 | 56.6 | 52.0 | 46.2 |
| 50° | 222.9 | 217.5 | 211.4 | 205.6 | 211.4 | 217.5 | 222.9 | 218.2 | 206.9 | 188.5 | 167.4 |
| 47.5° | 497.5 | 493.1 | 484.0 | 472.1 | 484.0 | 493.1 | 497.5 | 487.6 | 471.0 | 446.1 | 427.7 |
| 45° | 840.8 | 865.1 | 876.0 | 870.0 | 876.0 | 865.1 | 840.8 | 805.0 | 778.9 | 756.9 | 736.7 |
| 42.5° | 1365.1 | 1386.6 | 1388.5 | 1356.7 | 1388.5 | 1386.6 | 1365.1 | 1331.9 | 1234.4 | 1111.8 | 1025.8 |
| 40° | 2701.4 | 2888.6 | 2952.8 | 2759.6 | 2952.8 | 2888.6 | 2701.4 | 2476.8 | 2166.4 | 1816.0 | 1581.4 |
| 37.5° | 4787.8 | 5523.3 | 6136.9 | 6160.5 | 6136.9 | 5523.3 | 4787.8 | 4171.4 | 3659.9 | 3153.4 | 2701.8 |
| 35° | 7759.5 | 8516.2 | 8882.0 | 8866.5 | 8882.0 | 8516.2 | 7759.5 | 6646.1 | 5610.0 | 4902.8 | 4245.6 |
| 32.5° | 10906.2 | 11479.4 | 11845.8 | 11757.6 | 11845.8 | 11479.4 | 10906.2 | 9769.2 | 8186.7 | 6887.4 | 6066.6 |
| 30° | 14399.5 | 14931.3 | 15358.4 | 15351.9 | 15358.4 | 14931.3 | 14399.5 | 13438.0 | 12091.8 | 10461.5 | 8620.0 |
| 27.5° | 19897.3 | 20993.4 | 21864.5 | 21716.8 | 21864.5 | 20993.4 | 19897.3 | 18232.7 | 16187.7 | 14427.4 | 12446.1 |
| 25° | 28396.9 | 30401.8 | 31819.2 | 31527.5 | 31819.2 | 30401.8 | 28396.9 | 25890.7 | 22919.6 | 20270.9 | 17259.5 |
| 22.5° | 40953.1 | 43524.9 | 44600.3 | 43747.5 | 44600.3 | 43524.9 | 40953.1 | 37884.0 | 33750.0 | 29103.2 | 24919.8 |
| 20° | 60611.4 | 65379.7 | 68344.1 | 66576.4 | 68344.1 | 65379.7 | 60611.4 | 54730.3 | 48557.1 | 41236.1 | 34789.8 |
| 17.5° | 90981.5 | 101325.8 | 109499.0 | 109273.7 | 109499.0 | 101325.8 | 90981.5 | 77897.1 | 67787.8 | 56855.7 | 46887.3 |
| 15° | 127580.4 | 139354.2 | 148420.0 | 149468.3 | 148420.0 | 139354.2 | 127580.4 | 110569.9 | 91032.2 | 74961.6 | 60383.6 |
| 12.5° | 160350.9 | 172324.9 | 181196.6 | 183749.3 | 181196.6 | 172324.9 | 160350.9 | 140744.0 | 118044.9 | 93805.9 | 73819.9 |
| 10° | 183706.2 | 195655.5 | 204242.5 | 207270.5 | 204242.5 | 195655.5 | 183706.2 | 166481.1 | 141570.9 | 113491.0 | 86568.8 |
| 7.5° | 200839.5 | 213803.4 | 220240.2 | 223530.1 | 220240.2 | 213803.4 | 200839.5 | 183156.4 | 160312.6 | 131511.9 | 101890.5 |
| 5° | 213168.0 | 225216.3 | 231443.4 | 235430.1 | 231443.4 | 225216.3 | 213168.0 | 195662.4 | 174200.8 | 145992.4 | 113757.8 |
| 2.5° | 220939.6 | 232314.4 | 239792.3 | 243368.3 | 239792.3 | 232314.4 | 220939.6 | 204718.3 | 182711.1 | 154910.4 | 121096.3 |
| 0° | 223448.0 | 234367.8 | 242749.5 | 245955.1 | 242749.5 | 234367.8 | 223448.0 | 208042.0 | 185610.9 | 158538.0 | 124334.8 |
| -2.5° | 222281.3 | 232978.2 | 239663.2 | 240959.0 | 239663.2 | 232978.2 | 222281.3 | 207740.0 | 186600.0 | 159162.8 | 126022.5 |
| -5° | 216209.5 | 226068.6 | 232241.4 | 233255.7 | 232241.4 | 226068.6 | 216209.5 | 201896.2 | 181344.7 | 153200.4 | 121194.2 |
| -7.5° | 205742.0 | 215576.8 | 220679.1 | 222181.3 | 220679.1 | 215576.8 | 205742.0 | 190921.8 | 171026.3 | 142827.7 | 112123.2 |
| -10° | 190565.1 | 200066.5 | 205519.7 | 206813.0 | 205519.7 | 200066.5 | 190565.1 | 175847.2 | 153740.8 | 127376.6 | 98653.9 |
| -12.5° | 169855.8 | 179992.0 | 186095.1 | 187439.8 | 186095.1 | 179992.0 | 169855.8 | 153747.6 | 133026.2 | 107599.8 | 87071.4 |
| -15° | 143002.0 | 153428.4 | 161219.7 | 163104.5 | 161219.7 | 153428.4 | 143002.0 | 128009.0 | 107811.1 | 90259.8 | 74525.4 |
| -17.5° | 112047.6 | 122481.2 | 129482.4 | 130819.0 | 129482.4 | 122481.2 | 112047.6 | 98734.5 | 86868.2 | 73952.1 | 62594.7 |
| -20° | 85387.7 | 92097.9 | 96049.3 | 96737.4 | 96049.3 | 92097.9 | 85387.7 | 77724.7 | 69568.5 | 60350.0 | 51546.6 |



REPORT NUMBER: P735989 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680R-57-70-4S-VHE-S

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| -22.5° | 66170.2 | 70680.3 | 73086.0 | 73425.5 | 73086.0 | 70680.3 | 66170.2 | 61209.0 | 55138.0 | 48464.2 | 41665.9 |
| -25° | 51275.6 | 54552.5 | 56344.4 | 56642.7 | 56344.4 | 54552.5 | 51275.6 | 47280.1 | 42824.3 | 38528.6 | 33636.5 |
| -27.5° | 39370.9 | 41406.5 | 43073.7 | 42726.6 | 43073.7 | 41406.5 | 39370.9 | 36665.1 | 33661.0 | 31066.8 | 27981.7 |
| -30° | 31153.6 | 32459.2 | 33443.9 | 33186.0 | 33443.9 | 32459.2 | 31153.6 | 29439.5 | 27353.5 | 25217.4 | 22787.9 |
| -32.5° | 25214.7 | 26237.5 | 26929.9 | 27114.3 | 26929.9 | 26237.5 | 25214.7 | 23740.0 | 21870.7 | 19885.7 | 17882.8 |
| -35° | 19598.1 | 20433.9 | 20913.6 | 21099.9 | 20913.6 | 20433.9 | 19598.1 | 18395.2 | 16862.3 | 14879.8 | 13197.6 |
| -37.5° | 14308.6 | 15041.7 | 15499.4 | 15658.5 | 15499.4 | 15041.7 | 14308.6 | 13304.0 | 11950.7 | 10287.7 | 8988.1 |
| -40° | 9522.7 | 10087.7 | 10462.6 | 10607.7 | 10462.6 | 10087.7 | 9522.7 | 8777.5 | 7804.1 | 6666.5 | 5785.0 |
| -42.5° | 5887.8 | 6152.3 | 6319.7 | 6372.2 | 6319.7 | 6152.3 | 5887.8 | 5540.9 | 5095.5 | 4515.7 | 4039.7 |
| -45° | 4188.1 | 4261.1 | 4302.9 | 4311.0 | 4302.9 | 4261.1 | 4188.1 | 4085.5 | 3952.7 | 3791.8 | 3614.8 |
| -47.5° | 3732.3 | 3789.9 | 3819.3 | 3820.6 | 3819.3 | 3789.9 | 3732.3 | 3644.1 | 3531.1 | 3396.1 | 3258.3 |
| -50° | 3344.3 | 3397.7 | 3424.6 | 3426.4 | 3424.6 | 3397.7 | 3344.3 | 3267.3 | 3173.8 | 3062.2 | 2951.2 |
| -52.5° | 3006.1 | 3048.6 | 3068.3 | 3068.7 | 3068.3 | 3048.6 | 3006.1 | 2945.2 | 2871.0 | 2777.1 | 2687.0 |
| -55° | 2725.2 | 2758.3 | 2770.5 | 2768.1 | 2770.5 | 2758.3 | 2725.2 | 2676.9 | 2618.0 | 2539.1 | 2463.1 |
| -57.5° | 2495.4 | 2527.8 | 2538.0 | 2534.5 | 2538.0 | 2527.8 | 2495.4 | 2453.1 | 2402.3 | 2334.9 | 2266.2 |
| -60° | 2270.0 | 2304.6 | 2317.7 | 2316.7 | 2317.7 | 2304.6 | 2270.0 | 2221.0 | 2158.1 | 2080.8 | 1995.8 |
| -62.5° | 1913.7 | 1940.3 | 1954.6 | 1959.0 | 1954.6 | 1940.3 | 1913.7 | 1871.6 | 1812.7 | 1743.3 | 1666.0 |
| -65° | 1534.6 | 1555.8 | 1567.2 | 1570.8 | 1567.2 | 1555.8 | 1534.6 | 1501.4 | 1453.0 | 1397.5 | 1335.4 |
| -67.5° | 1191.2 | 1206.4 | 1213.7 | 1215.5 | 1213.7 | 1206.4 | 1191.2 | 1167.4 | 1130.8 | 1088.7 | 1041.3 |
| -70° | 921.2 | 933.7 | 939.6 | 941.8 | 939.6 | 933.7 | 921.2 | 903.1 | 873.9 | 841.7 | 806.8 |
| -72.5° | 726.6 | 736.5 | 740.6 | 742.2 | 740.6 | 736.5 | 726.6 | 712.9 | 689.3 | 664.4 | 639.0 |
| -75° | 586.7 | 592.6 | 595.0 | 596.2 | 595.0 | 592.6 | 586.7 | 578.2 | 560.3 | 541.6 | 522.0 |
| -77.5° | 494.8 | 501.1 | 503.4 | 505.0 | 503.4 | 501.1 | 494.8 | 487.3 | 473.8 | 459.3 | 442.2 |
| -80° | 437.7 | 442.2 | 443.9 | 445.3 | 443.9 | 442.2 | 437.7 | 432.4 | 420.5 | 408.4 | 394.9 |
| -82.5° | 397.4 | 403.4 | 403.9 | 404.0 | 403.9 | 403.4 | 397.4 | 391.0 | 380.9 | 370.5 | 358.9 |
| -85° | 358.9 | 363.5 | 364.3 | 365.0 | 364.3 | 363.5 | 358.9 | 354.1 | 345.1 | 335.9 | 325.9 |
| -87.5° | 325.2 | 329.6 | 329.7 | 329.7 | 329.7 | 329.6 | 325.2 | 320.8 | 312.7 | 304.6 | 295.8 |
| -90° | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.8 | 2.4 | 2.4 |



REPORT NUMBER: P735989 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680R-57-70-4S-VHE-S

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|--------|--------|--------|
| 90° | 266.5 | 261.0 | 255.5 | 251.9 | 248.2 | 242.8 | 237.3 | 229.4 | 221.5 | 213.6 | 205.6 |
| 87.5° | 3.6 | 3.6 | 3.6 | 3.6 | 3.7 | 4.2 | 4.7 | 4.8 | 4.9 | 4.9 | 4.9 |
| 85° | 3.7 | 4.2 | 4.7 | 4.6 | 4.6 | 4.7 | 4.9 | 5.3 | 5.5 | 5.5 | 5.4 |
| 82.5° | 4.7 | 4.8 | 4.9 | 4.9 | 4.9 | 5.2 | 5.5 | 5.8 | 6.1 | 6.2 | 6.3 |
| 80° | 4.9 | 4.9 | 5.0 | 5.3 | 5.5 | 5.8 | 6.1 | 6.2 | 6.3 | 6.8 | 7.1 |
| 77.5° | 4.9 | 4.9 | 5.0 | 5.6 | 6.1 | 6.3 | 6.3 | 6.8 | 7.1 | 7.2 | 7.3 |
| 75° | 7.2 | 6.8 | 6.6 | 6.8 | 7.0 | 7.1 | 7.2 | 7.2 | 7.4 | 7.6 | 7.6 |
| 72.5° | 12.9 | 12.6 | 12.0 | 11.4 | 10.7 | 11.0 | 11.0 | 10.3 | 9.7 | 9.1 | 8.4 |
| 70° | 19.6 | 20.3 | 20.9 | 20.9 | 21.0 | 20.9 | 19.4 | 17.2 | 15.2 | 14.3 | 12.4 |
| 67.5° | 26.0 | 26.7 | 28.5 | 31.3 | 31.0 | 30.5 | 29.3 | 27.5 | 24.6 | 21.9 | 17.9 |
| 65° | 29.5 | 30.9 | 31.0 | 30.9 | 33.0 | 35.0 | 37.3 | 36.4 | 36.3 | 32.4 | 25.6 |
| 62.5° | 25.2 | 27.9 | 27.0 | 26.5 | 29.4 | 35.3 | 44.4 | 48.5 | 50.7 | 47.2 | 38.5 |
| 60° | 14.9 | 16.7 | 17.8 | 19.8 | 23.4 | 33.2 | 47.6 | 58.1 | 67.1 | 61.0 | 51.0 |
| 57.5° | 7.3 | 8.7 | 11.2 | 14.7 | 18.6 | 31.6 | 48.1 | 62.4 | 72.6 | 68.7 | 62.3 |
| 55° | 12.1 | 13.9 | 15.1 | 16.5 | 18.0 | 32.0 | 46.6 | 61.3 | 72.3 | 71.2 | 65.7 |
| 52.5° | 37.6 | 43.6 | 43.4 | 35.5 | 36.7 | 44.8 | 48.3 | 63.7 | 73.8 | 75.0 | 70.6 |
| 50° | 155.3 | 161.3 | 140.3 | 115.9 | 115.9 | 91.7 | 95.5 | 91.6 | 88.7 | 91.0 | 82.3 |
| 47.5° | 413.1 | 392.5 | 346.1 | 309.4 | 276.9 | 240.6 | 223.1 | 180.8 | 172.0 | 132.7 | 125.9 |
| 45° | 706.2 | 674.6 | 620.2 | 558.8 | 506.1 | 459.0 | 415.5 | 381.3 | 316.1 | 281.5 | 198.5 |
| 42.5° | 981.7 | 931.6 | 868.2 | 801.6 | 738.7 | 668.9 | 617.0 | 577.0 | 532.6 | 465.9 | 393.2 |
| 40° | 1393.1 | 1172.2 | 1091.9 | 1013.5 | 929.6 | 848.5 | 789.5 | 728.9 | 697.6 | 645.2 | 574.7 |
| 37.5° | 2180.5 | 1698.0 | 1458.7 | 1222.3 | 1119.4 | 1029.0 | 960.8 | 898.6 | 838.6 | 792.6 | 726.2 |
| 35° | 3471.4 | 2779.4 | 2141.5 | 1704.0 | 1358.0 | 1237.0 | 1147.5 | 1076.4 | 1002.3 | 928.0 | 865.3 |
| 32.5° | 5093.4 | 4235.0 | 3329.0 | 2544.4 | 1915.4 | 1524.3 | 1367.8 | 1266.7 | 1171.9 | 1080.4 | 990.6 |
| 30° | 7043.7 | 5967.5 | 4820.6 | 3761.9 | 2893.4 | 2142.6 | 1651.9 | 1481.7 | 1353.6 | 1238.3 | 1120.6 |
| 27.5° | 10405.9 | 8149.3 | 6759.6 | 5433.9 | 4333.2 | 3285.0 | 2337.1 | 1721.2 | 1550.9 | 1409.8 | 1270.0 |
| 25° | 15012.6 | 12460.9 | 9949.3 | 8148.0 | 6672.4 | 4880.8 | 3360.3 | 2324.0 | 1788.7 | 1590.3 | 1423.8 |
| 22.5° | 20779.8 | 17346.7 | 14201.0 | 11434.6 | 9280.2 | 6972.7 | 4807.5 | 2991.7 | 2044.8 | 1781.2 | 1585.3 |
| 20° | 28071.0 | 22459.0 | 18526.0 | 14983.1 | 11881.7 | 8959.4 | 6220.1 | 4004.6 | 2608.0 | 1985.2 | 1742.4 |
| 17.5° | 37700.3 | 29417.0 | 23366.1 | 18811.1 | 14868.7 | 11412.7 | 8101.2 | 5273.3 | 3135.4 | 2192.8 | 1896.8 |
| 15° | 47877.2 | 37309.7 | 29085.9 | 22643.1 | 17597.4 | 13581.5 | 10014.0 | 6544.3 | 3871.4 | 2560.3 | 2069.1 |
| 12.5° | 58765.2 | 45961.8 | 34963.8 | 26537.3 | 20178.5 | 15482.7 | 11581.7 | 7930.8 | 4864.6 | 2992.1 | 2215.6 |
| 10° | 67930.0 | 53385.4 | 40969.7 | 31058.2 | 23532.5 | 17598.7 | 12921.1 | 9028.4 | 5658.3 | 3369.2 | 2344.4 |
| 7.5° | 77550.8 | 59640.7 | 45547.8 | 34278.2 | 26118.6 | 19834.5 | 14300.8 | 9843.7 | 6266.9 | 3650.1 | 2443.6 |
| 5° | 84112.0 | 63791.0 | 48655.1 | 36468.1 | 27750.4 | 21359.1 | 15602.1 | 10409.6 | 6652.7 | 3841.8 | 2526.7 |
| 2.5° | 88225.1 | 66046.6 | 50335.0 | 38098.9 | 28609.8 | 22125.9 | 16621.4 | 11125.6 | 6978.8 | 4012.9 | 2609.9 |
| 0° | 90583.1 | 68116.8 | 51728.2 | 39118.9 | 29086.7 | 22541.7 | 17150.3 | 11955.9 | 7198.4 | 4127.3 | 2676.9 |
| -2.5° | 92543.7 | 68491.2 | 51409.8 | 38331.7 | 28791.5 | 22341.0 | 17033.2 | 12272.2 | 7673.1 | 4243.1 | 2748.5 |
| -5° | 90414.8 | 67549.7 | 50269.6 | 37364.5 | 28386.2 | 22024.7 | 16787.1 | 12180.1 | 7803.6 | 4292.9 | 2799.1 |
| -7.5° | 85377.0 | 64743.5 | 48379.8 | 35949.7 | 27577.9 | 21495.3 | 16328.4 | 11658.1 | 7481.8 | 4315.5 | 2866.9 |
| -10° | 77766.9 | 60224.9 | 45195.2 | 34031.9 | 26417.9 | 20677.5 | 15653.6 | 11057.6 | 7047.6 | 4222.8 | 2910.7 |
| -12.5° | 69716.9 | 54593.9 | 41348.7 | 31351.4 | 24808.5 | 19520.4 | 14694.5 | 10232.2 | 6451.0 | 4011.7 | 2943.7 |
| -15° | 61062.4 | 48311.8 | 37459.2 | 29099.9 | 22926.5 | 18012.6 | 13474.0 | 9178.4 | 5679.9 | 3706.8 | 2949.3 |
| -17.5° | 52089.7 | 42003.5 | 32898.1 | 26137.6 | 20815.5 | 16239.5 | 11976.3 | 8118.1 | 5119.7 | 3478.9 | 2933.1 |
| -20° | 43054.2 | 35722.2 | 29145.2 | 23352.4 | 18402.1 | 14089.8 | 10190.2 | 6832.3 | 4546.9 | 3423.3 | 2926.1 |



REPORT NUMBER: P735989 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680R-57-70-4S-VHE-S

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|---------|---------|---------|---------|---------|---------|--------|--------|--------|--------|--------|
| -22.5° | 35351.4 | 30426.8 | 25406.6 | 20371.7 | 16043.2 | 11933.9 | 8376.6 | 5552.3 | 3856.0 | 3302.8 | 2882.8 |
| -25° | 29715.5 | 25717.0 | 21616.4 | 17575.2 | 13515.3 | 9694.6 | 6554.2 | 4639.0 | 3623.8 | 3191.2 | 2803.4 |
| -27.5° | 24706.4 | 21249.3 | 17827.7 | 14306.3 | 10763.3 | 7555.1 | 5205.9 | 3824.1 | 3391.7 | 3042.3 | 2722.9 |
| -30° | 20021.2 | 17042.2 | 14027.4 | 10946.3 | 8158.2 | 5679.9 | 4094.1 | 3563.7 | 3197.4 | 2882.9 | 2596.6 |
| -32.5° | 15506.3 | 13016.3 | 10371.4 | 7940.6 | 5821.9 | 4349.1 | 3701.6 | 3313.4 | 3010.5 | 2733.2 | 2477.8 |
| -35° | 11225.4 | 9273.5 | 7168.7 | 5585.7 | 4262.2 | 3780.7 | 3424.1 | 3117.6 | 2836.3 | 2582.9 | 2356.6 |
| -37.5° | 7509.7 | 6104.4 | 5050.6 | 4087.9 | 3775.8 | 3471.3 | 3196.7 | 2925.9 | 2664.2 | 2447.2 | 2248.0 |
| -40° | 5022.6 | 4186.1 | 3950.9 | 3695.0 | 3457.6 | 3219.7 | 2976.6 | 2732.1 | 2518.3 | 2319.8 | 2144.7 |
| -42.5° | 3878.3 | 3710.1 | 3555.7 | 3376.8 | 3183.9 | 2977.8 | 2763.8 | 2563.4 | 2376.1 | 2207.5 | 2050.9 |
| -45° | 3479.8 | 3350.1 | 3226.5 | 3090.3 | 2927.2 | 2754.7 | 2572.6 | 2406.0 | 2246.4 | 2100.5 | 1957.5 |
| -47.5° | 3141.7 | 3038.5 | 2933.0 | 2828.3 | 2695.5 | 2554.1 | 2410.2 | 2263.3 | 2128.9 | 1987.0 | 1783.9 |
| -50° | 2847.7 | 2765.5 | 2676.3 | 2589.2 | 2495.1 | 2387.8 | 2263.3 | 2137.9 | 1984.8 | 1792.5 | 1602.1 |
| -52.5° | 2604.5 | 2533.7 | 2460.9 | 2394.6 | 2322.9 | 2233.4 | 2122.6 | 1951.1 | 1774.5 | 1591.1 | 1412.3 |
| -55° | 2396.3 | 2336.3 | 2276.3 | 2224.3 | 2157.0 | 2026.8 | 1886.0 | 1720.8 | 1548.8 | 1379.6 | 1226.1 |
| -57.5° | 2213.8 | 2147.9 | 2059.8 | 1973.6 | 1886.3 | 1763.6 | 1624.7 | 1469.7 | 1322.4 | 1180.7 | 1041.5 |
| -60° | 1927.5 | 1853.4 | 1765.2 | 1675.3 | 1587.0 | 1478.7 | 1362.2 | 1236.6 | 1105.7 | 989.2 | 873.5 |
| -62.5° | 1598.7 | 1528.1 | 1451.5 | 1374.8 | 1303.3 | 1219.7 | 1117.9 | 1017.4 | 911.3 | 808.1 | 724.7 |
| -65° | 1279.7 | 1223.7 | 1160.2 | 1099.2 | 1043.1 | 981.2 | 895.8 | 819.4 | 744.0 | 667.0 | 594.4 |
| -67.5° | 996.9 | 953.0 | 903.7 | 855.4 | 819.5 | 781.0 | 724.3 | 662.1 | 607.2 | 557.4 | 511.1 |
| -70° | 774.3 | 745.5 | 713.9 | 679.5 | 652.1 | 628.3 | 593.0 | 551.4 | 508.4 | 469.6 | 434.0 |
| -72.5° | 615.6 | 597.4 | 577.4 | 555.5 | 533.6 | 515.9 | 491.6 | 461.1 | 429.1 | 395.0 | 366.9 |
| -75° | 503.3 | 489.9 | 475.3 | 460.3 | 444.6 | 427.5 | 411.8 | 393.6 | 374.0 | 353.1 | 333.8 |
| -77.5° | 426.4 | 417.1 | 407.7 | 399.5 | 390.8 | 381.2 | 369.5 | 353.4 | 338.0 | 321.8 | 306.7 |
| -80° | 382.0 | 374.2 | 366.6 | 360.4 | 353.7 | 345.8 | 336.7 | 323.3 | 309.6 | 295.7 | 282.6 |
| -82.5° | 347.6 | 341.0 | 334.4 | 328.6 | 322.4 | 315.1 | 307.3 | 295.8 | 284.2 | 271.9 | 259.9 |
| -85° | 316.0 | 310.1 | 304.0 | 298.6 | 293.1 | 286.6 | 279.8 | 269.8 | 259.8 | 248.8 | 237.9 |
| -87.5° | 287.0 | 281.2 | 275.3 | 271.2 | 267.1 | 261.2 | 255.2 | 246.7 | 238.2 | 228.7 | 219.3 |
| -90° | 2.4 | 2.4 | 2.4 | 3.1 | 3.7 | 3.7 | 3.7 | 4.3 | 4.9 | 4.9 | 4.9 |



REPORT NUMBER: P735989 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680R-57-70-4S-VHE-S

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|
| 90° | 198.3 | 191.0 | 183.7 | 176.4 | 170.4 | 164.3 | 157.6 | 150.9 | 141.8 | 132.6 | 118.6 |
| 87.5° | 5.3 | 5.7 | 6.2 | 6.8 | 6.7 | 6.7 | 7.3 | 7.8 | 7.8 | 7.7 | 8.3 |
| 85° | 5.9 | 6.5 | 6.8 | 7.3 | 7.3 | 7.3 | 7.8 | 8.3 | 8.2 | 8.1 | 8.6 |
| 82.5° | 6.8 | 7.2 | 7.2 | 7.3 | 7.7 | 7.9 | 8.4 | 8.8 | 8.8 | 8.6 | 9.0 |
| 80° | 7.1 | 7.4 | 7.6 | 7.7 | 8.1 | 8.6 | 9.0 | 9.4 | 9.5 | 9.5 | 9.7 |
| 77.5° | 7.3 | 7.5 | 8.1 | 8.3 | 8.4 | 8.6 | 9.2 | 9.8 | 10.3 | 10.4 | 10.4 |
| 75° | 7.3 | 7.5 | 8.1 | 8.6 | 8.7 | 8.7 | 9.3 | 10.0 | 10.7 | 11.2 | 11.2 |
| 72.5° | 8.1 | 8.2 | 8.5 | 8.8 | 9.1 | 9.5 | 9.8 | 10.2 | 11.1 | 11.7 | 11.9 |
| 70° | 10.3 | 9.3 | 9.3 | 9.8 | 10.0 | 10.4 | 10.9 | 11.2 | 11.6 | 12.3 | 12.6 |
| 67.5° | 13.5 | 12.1 | 11.1 | 11.0 | 11.4 | 11.7 | 12.0 | 12.3 | 12.6 | 12.9 | 13.3 |
| 65° | 21.2 | 17.1 | 13.4 | 13.2 | 13.1 | 13.0 | 13.3 | 13.8 | 13.7 | 14.4 | 14.0 |
| 62.5° | 30.6 | 24.5 | 20.5 | 17.0 | 15.9 | 16.7 | 14.8 | 16.5 | 15.2 | 16.0 | 15.6 |
| 60° | 41.3 | 32.8 | 28.6 | 25.1 | 22.5 | 22.0 | 21.1 | 19.6 | 19.2 | 18.0 | 17.7 |
| 57.5° | 50.4 | 40.4 | 37.9 | 34.1 | 32.5 | 30.3 | 29.0 | 26.5 | 23.9 | 22.4 | 20.0 |
| 55° | 57.6 | 49.2 | 48.1 | 44.9 | 44.2 | 40.8 | 38.9 | 35.6 | 30.2 | 27.7 | 22.7 |
| 52.5° | 61.7 | 60.5 | 59.5 | 59.4 | 58.6 | 53.7 | 51.6 | 45.5 | 40.8 | 33.5 | 28.1 |
| 50° | 71.9 | 76.0 | 74.5 | 78.1 | 75.3 | 72.7 | 65.2 | 58.9 | 52.1 | 41.1 | 34.0 |
| 47.5° | 106.2 | 109.2 | 100.9 | 103.5 | 98.5 | 94.7 | 85.3 | 74.2 | 64.1 | 52.2 | 40.1 |
| 45° | 196.0 | 164.3 | 154.5 | 142.8 | 131.2 | 126.1 | 109.4 | 90.4 | 79.0 | 64.0 | 46.5 |
| 42.5° | 320.7 | 276.7 | 246.6 | 190.1 | 185.8 | 164.6 | 138.4 | 116.6 | 94.7 | 76.3 | 55.6 |
| 40° | 490.5 | 431.8 | 367.0 | 307.1 | 254.0 | 208.6 | 181.5 | 146.8 | 111.1 | 89.8 | 66.6 |
| 37.5° | 653.5 | 586.8 | 520.7 | 439.7 | 344.1 | 282.1 | 230.6 | 179.6 | 132.4 | 105.5 | 77.8 |
| 35° | 788.2 | 723.1 | 660.9 | 573.9 | 474.4 | 359.4 | 284.4 | 219.3 | 162.8 | 121.7 | 89.3 |
| 32.5° | 909.5 | 834.3 | 760.8 | 690.1 | 582.6 | 438.4 | 349.7 | 264.7 | 193.9 | 138.6 | 100.8 |
| 30° | 1025.5 | 934.1 | 848.4 | 780.0 | 668.2 | 527.4 | 414.4 | 308.0 | 225.6 | 156.0 | 112.5 |
| 27.5° | 1145.9 | 1034.4 | 932.9 | 853.2 | 737.7 | 603.7 | 465.2 | 349.0 | 257.8 | 175.2 | 125.3 |
| 25° | 1274.9 | 1143.9 | 1031.4 | 930.1 | 807.7 | 660.5 | 510.6 | 387.9 | 291.3 | 197.2 | 137.6 |
| 22.5° | 1411.5 | 1253.5 | 1126.4 | 1012.5 | 885.0 | 715.8 | 554.9 | 427.8 | 317.3 | 217.8 | 149.2 |
| 20° | 1540.7 | 1355.6 | 1213.2 | 1081.1 | 959.0 | 778.4 | 600.4 | 460.1 | 341.6 | 237.0 | 160.2 |
| 17.5° | 1669.3 | 1454.0 | 1280.4 | 1141.3 | 1022.1 | 843.1 | 647.1 | 490.2 | 364.1 | 254.6 | 170.5 |
| 15° | 1790.4 | 1550.0 | 1347.8 | 1194.5 | 1072.6 | 904.0 | 692.7 | 518.5 | 384.8 | 270.7 | 180.8 |
| 12.5° | 1902.7 | 1640.4 | 1414.5 | 1240.3 | 1110.1 | 958.7 | 736.3 | 544.9 | 403.5 | 286.8 | 191.2 |
| 10° | 2003.3 | 1725.3 | 1479.5 | 1284.0 | 1142.8 | 1007.2 | 777.2 | 573.8 | 427.6 | 302.7 | 201.0 |
| 7.5° | 2086.2 | 1803.0 | 1539.5 | 1325.4 | 1172.3 | 1048.7 | 821.6 | 610.9 | 451.4 | 317.1 | 210.1 |
| 5° | 2157.2 | 1873.1 | 1599.2 | 1374.0 | 1206.4 | 1082.5 | 862.0 | 645.8 | 473.5 | 330.0 | 218.4 |
| 2.5° | 2221.5 | 1934.6 | 1655.2 | 1420.2 | 1238.1 | 1109.4 | 897.1 | 678.1 | 493.5 | 341.1 | 225.8 |
| 0° | 2274.1 | 1985.8 | 1703.5 | 1461.3 | 1266.6 | 1130.4 | 927.2 | 706.9 | 511.0 | 350.4 | 232.4 |
| -2.5° | 2321.6 | 2022.0 | 1743.4 | 1504.4 | 1314.1 | 1161.8 | 945.6 | 721.4 | 525.4 | 362.7 | 240.4 |
| -5° | 2356.4 | 2048.5 | 1775.6 | 1542.2 | 1356.7 | 1187.1 | 958.7 | 731.9 | 536.9 | 373.0 | 247.3 |
| -7.5° | 2411.3 | 2079.3 | 1804.5 | 1575.3 | 1393.3 | 1205.5 | 966.4 | 738.6 | 545.3 | 380.9 | 253.2 |
| -10° | 2454.1 | 2107.6 | 1831.3 | 1602.6 | 1417.1 | 1220.9 | 970.4 | 741.4 | 550.5 | 386.5 | 258.0 |
| -12.5° | 2487.5 | 2127.9 | 1849.1 | 1622.9 | 1436.2 | 1234.1 | 980.8 | 744.7 | 552.5 | 389.4 | 261.6 |
| -15° | 2512.7 | 2157.7 | 1867.7 | 1636.8 | 1452.1 | 1240.9 | 983.6 | 744.6 | 550.1 | 388.9 | 263.9 |
| -17.5° | 2520.7 | 2169.2 | 1877.1 | 1647.7 | 1463.1 | 1241.2 | 978.1 | 738.3 | 544.0 | 385.1 | 265.5 |
| -20° | 2524.7 | 2173.8 | 1873.6 | 1648.8 | 1466.5 | 1226.7 | 963.8 | 725.6 | 534.2 | 379.0 | 266.2 |



REPORT NUMBER: P735989 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680R-57-70-4S-VHE-S

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|
| -22.5° | 2513.0 | 2175.8 | 1885.8 | 1647.0 | 1454.7 | 1203.8 | 940.7 | 706.7 | 520.6 | 370.6 | 265.8 |
| -25° | 2463.9 | 2165.7 | 1888.1 | 1652.9 | 1423.8 | 1171.2 | 915.9 | 686.9 | 503.1 | 359.8 | 264.3 |
| -27.5° | 2404.7 | 2127.8 | 1876.6 | 1645.5 | 1392.2 | 1133.2 | 889.1 | 670.1 | 488.0 | 346.8 | 261.6 |
| -30° | 2339.3 | 2084.0 | 1849.3 | 1618.8 | 1349.8 | 1091.8 | 856.7 | 648.0 | 474.1 | 339.0 | 257.7 |
| -32.5° | 2246.7 | 2033.2 | 1813.2 | 1563.0 | 1297.3 | 1043.3 | 817.9 | 620.2 | 456.5 | 334.5 | 254.4 |
| -35° | 2156.8 | 1971.2 | 1769.2 | 1495.1 | 1235.6 | 994.0 | 775.7 | 586.9 | 435.3 | 328.1 | 250.6 |
| -37.5° | 2061.5 | 1894.4 | 1682.9 | 1416.4 | 1163.3 | 937.2 | 732.9 | 555.0 | 410.4 | 319.9 | 245.5 |
| -40° | 1975.7 | 1792.0 | 1563.5 | 1327.1 | 1087.9 | 871.8 | 684.3 | 523.9 | 394.4 | 309.8 | 239.0 |
| -42.5° | 1884.7 | 1654.7 | 1436.8 | 1222.2 | 1005.4 | 808.1 | 632.0 | 489.1 | 381.2 | 299.9 | 231.2 |
| -45° | 1735.4 | 1513.5 | 1302.4 | 1109.0 | 916.2 | 737.7 | 588.3 | 453.7 | 365.6 | 289.4 | 224.6 |
| -47.5° | 1578.0 | 1367.7 | 1168.7 | 990.2 | 829.6 | 666.4 | 537.8 | 433.0 | 347.5 | 277.2 | 220.7 |
| -50° | 1413.8 | 1221.2 | 1037.5 | 878.4 | 730.6 | 606.0 | 489.5 | 409.5 | 331.4 | 263.3 | 216.0 |
| -52.5° | 1244.5 | 1075.7 | 913.3 | 766.2 | 649.4 | 541.3 | 456.3 | 382.3 | 313.3 | 254.1 | 210.6 |
| -55° | 1075.7 | 935.2 | 790.6 | 669.5 | 570.3 | 493.3 | 420.4 | 356.4 | 293.2 | 246.5 | 205.0 |
| -57.5° | 918.0 | 794.8 | 684.3 | 582.4 | 507.1 | 446.7 | 386.3 | 328.5 | 280.4 | 237.9 | 201.6 |
| -60° | 766.0 | 676.8 | 583.6 | 513.4 | 453.3 | 402.0 | 352.5 | 303.7 | 269.1 | 229.3 | 197.5 |
| -62.5° | 641.3 | 567.6 | 512.7 | 454.0 | 403.2 | 360.5 | 320.1 | 288.0 | 256.1 | 223.2 | 192.6 |
| -65° | 543.3 | 495.5 | 446.8 | 401.1 | 357.1 | 323.5 | 301.0 | 271.6 | 245.5 | 216.4 | 187.1 |
| -67.5° | 466.1 | 427.6 | 389.7 | 349.7 | 322.5 | 301.5 | 280.8 | 258.6 | 235.6 | 208.9 | 180.9 |
| -70° | 398.2 | 363.9 | 341.0 | 320.1 | 298.7 | 280.1 | 265.7 | 246.9 | 225.1 | 201.1 | 174.4 |
| -72.5° | 347.6 | 329.6 | 312.1 | 293.8 | 278.7 | 264.8 | 251.3 | 234.7 | 214.6 | 192.8 | 167.4 |
| -75° | 316.5 | 302.3 | 288.9 | 275.2 | 262.0 | 249.4 | 236.9 | 222.2 | 203.8 | 184.1 | 160.2 |
| -77.5° | 294.3 | 282.0 | 269.1 | 256.7 | 245.3 | 233.7 | 222.2 | 209.3 | 192.6 | 174.9 | 152.7 |
| -80° | 272.2 | 261.4 | 250.2 | 239.3 | 228.7 | 217.9 | 207.7 | 196.3 | 181.1 | 165.4 | 144.8 |
| -82.5° | 250.2 | 240.5 | 231.2 | 221.7 | 212.4 | 203.2 | 193.5 | 183.2 | 169.5 | 155.5 | 137.5 |
| -85° | 229.6 | 221.3 | 212.7 | 203.9 | 196.1 | 188.3 | 179.8 | 171.1 | 159.6 | 148.0 | 131.4 |
| -87.5° | 212.2 | 205.0 | 197.3 | 189.6 | 183.0 | 176.4 | 168.8 | 161.1 | 150.7 | 140.4 | 125.1 |
| -90° | 4.9 | 4.9 | 5.5 | 6.1 | 6.1 | 6.1 | 6.7 | 7.3 | 7.3 | 7.3 | 7.9 |



REPORT NUMBER: P735989 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680R-57-70-4S-VHE-S

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|-------|-------|------|-------|------|-------|------|
| 90° | 104.6 | 87.0 | 69.4 | 49.9 | 30.4 | 20.7 | 11.0 |
| 87.5° | 8.8 | 8.9 | 8.9 | 8.8 | 8.7 | 10.0 | 11.0 |
| 85° | 9.1 | 9.3 | 9.4 | 9.2 | 8.9 | 10.2 | 11.0 |
| 82.5° | 9.5 | 9.7 | 9.8 | 9.5 | 9.2 | 10.4 | 11.0 |
| 80° | 9.8 | 10.1 | 10.2 | 9.8 | 9.4 | 10.6 | 11.0 |
| 77.5° | 10.5 | 10.6 | 10.7 | 10.1 | 9.7 | 10.9 | 11.0 |
| 75° | 11.2 | 11.2 | 11.1 | 10.4 | 10.0 | 11.1 | 11.0 |
| 72.5° | 11.8 | 11.7 | 11.5 | 10.7 | 10.2 | 11.3 | 11.0 |
| 70° | 12.5 | 12.2 | 12.0 | 11.1 | 10.6 | 11.6 | 11.0 |
| 67.5° | 13.3 | 12.8 | 12.4 | 11.6 | 10.9 | 11.8 | 11.0 |
| 65° | 14.3 | 13.6 | 12.9 | 12.0 | 11.2 | 12.0 | 11.0 |
| 62.5° | 15.3 | 14.7 | 13.5 | 12.5 | 11.6 | 12.3 | 11.0 |
| 60° | 16.4 | 15.8 | 14.0 | 13.0 | 12.0 | 12.5 | 11.0 |
| 57.5° | 18.7 | 17.1 | 15.3 | 13.5 | 12.6 | 12.8 | 11.0 |
| 55° | 21.2 | 18.3 | 16.6 | 14.0 | 13.3 | 13.0 | 11.0 |
| 52.5° | 23.9 | 19.9 | 18.0 | 14.6 | 14.1 | 13.3 | 11.0 |
| 50° | 26.7 | 22.6 | 19.5 | 15.1 | 14.9 | 13.6 | 11.0 |
| 47.5° | 30.0 | 25.5 | 21.1 | 15.8 | 15.7 | 13.8 | 11.0 |
| 45° | 35.5 | 28.5 | 22.7 | 17.0 | 16.6 | 14.1 | 11.0 |
| 42.5° | 41.2 | 31.6 | 24.4 | 18.3 | 17.5 | 14.3 | 11.0 |
| 40° | 47.1 | 34.9 | 26.5 | 20.1 | 18.5 | 14.6 | 11.0 |
| 37.5° | 53.4 | 38.3 | 29.1 | 22.2 | 19.5 | 14.9 | 11.0 |
| 35° | 59.6 | 42.8 | 31.7 | 24.4 | 20.5 | 15.1 | 11.0 |
| 32.5° | 66.8 | 47.7 | 34.3 | 26.6 | 21.5 | 15.4 | 11.0 |
| 30° | 76.1 | 52.6 | 36.9 | 28.8 | 22.6 | 15.7 | 11.0 |
| 27.5° | 85.1 | 57.5 | 40.4 | 31.0 | 23.7 | 15.9 | 11.0 |
| 25° | 93.9 | 62.2 | 44.0 | 33.2 | 24.8 | 16.2 | 11.0 |
| 22.5° | 102.4 | 67.1 | 47.5 | 35.4 | 25.9 | 16.4 | 11.0 |
| 20° | 110.5 | 72.6 | 50.9 | 37.6 | 27.1 | 16.7 | 11.0 |
| 17.5° | 118.8 | 78.0 | 54.3 | 39.8 | 28.2 | 16.9 | 11.0 |
| 15° | 127.2 | 83.2 | 57.5 | 41.9 | 29.3 | 17.1 | 11.0 |
| 12.5° | 135.0 | 88.2 | 60.6 | 44.0 | 30.4 | 17.3 | 11.0 |
| 10° | 142.2 | 93.0 | 63.6 | 46.1 | 31.5 | 17.6 | 11.0 |
| 7.5° | 149.0 | 97.6 | 66.5 | 48.0 | 32.5 | 17.8 | 11.0 |
| 5° | 155.1 | 101.8 | 69.2 | 49.9 | 33.5 | 18.0 | 11.0 |
| 2.5° | 160.6 | 105.8 | 71.8 | 51.8 | 34.4 | 18.1 | 11.0 |
| 0° | 165.5 | 109.5 | 74.2 | 53.5 | 35.3 | 18.3 | 11.0 |
| -2.5° | 171.2 | 113.9 | 77.7 | 55.8 | 36.6 | 19.0 | 11.0 |
| -5° | 176.2 | 118.0 | 80.9 | 57.9 | 37.9 | 19.6 | 11.0 |
| -7.5° | 180.5 | 121.7 | 84.0 | 60.0 | 39.1 | 20.2 | 11.0 |
| -10° | 184.1 | 125.0 | 86.9 | 61.9 | 40.3 | 20.8 | 11.0 |
| -12.5° | 186.9 | 127.9 | 89.6 | 63.6 | 41.3 | 21.4 | 11.0 |
| -15° | 188.9 | 130.4 | 92.0 | 65.3 | 42.3 | 21.9 | 11.0 |
| -17.5° | 190.1 | 132.6 | 94.2 | 66.7 | 43.2 | 22.5 | 11.0 |
| -20° | 191.1 | 134.3 | 96.1 | 68.0 | 44.0 | 22.9 | 11.0 |



REPORT NUMBER: P735989 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-LS-08-0680R-57-70-4S-VHE-S

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|-------|-------|-------|-------|------|-------|------|
| -22.5° | 192.0 | 135.6 | 97.7 | 69.2 | 44.8 | 23.4 | 11.0 |
| -25° | 192.1 | 137.2 | 99.1 | 70.2 | 45.4 | 23.8 | 11.0 |
| -27.5° | 191.3 | 138.6 | 100.1 | 71.0 | 45.9 | 24.2 | 11.0 |
| -30° | 189.6 | 139.6 | 100.9 | 71.6 | 46.4 | 24.6 | 11.0 |
| -32.5° | 187.0 | 140.0 | 102.3 | 72.1 | 46.8 | 24.9 | 11.0 |
| -35° | 186.0 | 140.0 | 103.3 | 72.3 | 47.0 | 25.1 | 11.0 |
| -37.5° | 185.5 | 140.0 | 104.1 | 72.4 | 47.2 | 25.4 | 11.0 |
| -40° | 184.3 | 140.6 | 104.6 | 72.3 | 47.3 | 25.5 | 11.0 |
| -42.5° | 182.3 | 140.9 | 104.9 | 72.2 | 47.3 | 25.7 | 11.0 |
| -45° | 179.6 | 140.7 | 105.1 | 72.4 | 47.2 | 25.8 | 11.0 |
| -47.5° | 176.3 | 140.2 | 105.0 | 72.3 | 47.0 | 25.8 | 11.0 |
| -50° | 174.5 | 139.3 | 104.6 | 72.3 | 46.7 | 25.8 | 11.0 |
| -52.5° | 172.6 | 138.0 | 103.9 | 72.2 | 46.3 | 25.8 | 11.0 |
| -55° | 170.3 | 136.3 | 102.8 | 71.9 | 45.9 | 25.7 | 11.0 |
| -57.5° | 167.5 | 134.3 | 101.5 | 71.4 | 45.3 | 25.6 | 11.0 |
| -60° | 164.4 | 131.8 | 99.9 | 70.7 | 44.6 | 25.4 | 11.0 |
| -62.5° | 160.7 | 129.0 | 98.5 | 69.8 | 44.0 | 25.2 | 11.0 |
| -65° | 156.6 | 125.8 | 96.9 | 68.8 | 43.2 | 25.0 | 11.0 |
| -67.5° | 152.0 | 122.6 | 95.0 | 67.5 | 42.3 | 24.7 | 11.0 |
| -70° | 147.0 | 119.3 | 92.9 | 66.1 | 41.3 | 24.4 | 11.0 |
| -72.5° | 142.0 | 115.6 | 90.5 | 64.6 | 40.2 | 24.0 | 11.0 |
| -75° | 136.5 | 111.7 | 87.9 | 62.9 | 39.0 | 23.6 | 11.0 |
| -77.5° | 130.7 | 107.4 | 85.2 | 61.1 | 37.7 | 23.2 | 11.0 |
| -80° | 124.6 | 103.5 | 82.4 | 59.1 | 36.4 | 22.8 | 11.0 |
| -82.5° | 119.8 | 99.6 | 79.4 | 57.0 | 35.0 | 22.3 | 11.0 |
| -85° | 114.9 | 95.6 | 76.2 | 54.7 | 33.5 | 21.8 | 11.0 |
| -87.5° | 109.9 | 91.4 | 72.9 | 52.4 | 32.0 | 21.2 | 11.0 |
| -90° | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 9.8 | 11.0 |

(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

