

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: P701718 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-LS-08-0680R-57-70-5S-VHE-S**

Issue Date: 8/29/2023

Test Information

Test Method: LM-79-08
Report Number: P701718 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2009-976-5)
Test Lab: INNOVATION CENTER
Issue Date: 8/29/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHESUS
Catalog Number: EPH-LS-08-0680R-57-70-5S-VHE-S
Description: EPHESUS LUMASPORT 8 LUMINAIRE
(8) 5700K, 70 CRI LEDS AND 5S BEAM SHAPE WITH ANODIZED CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

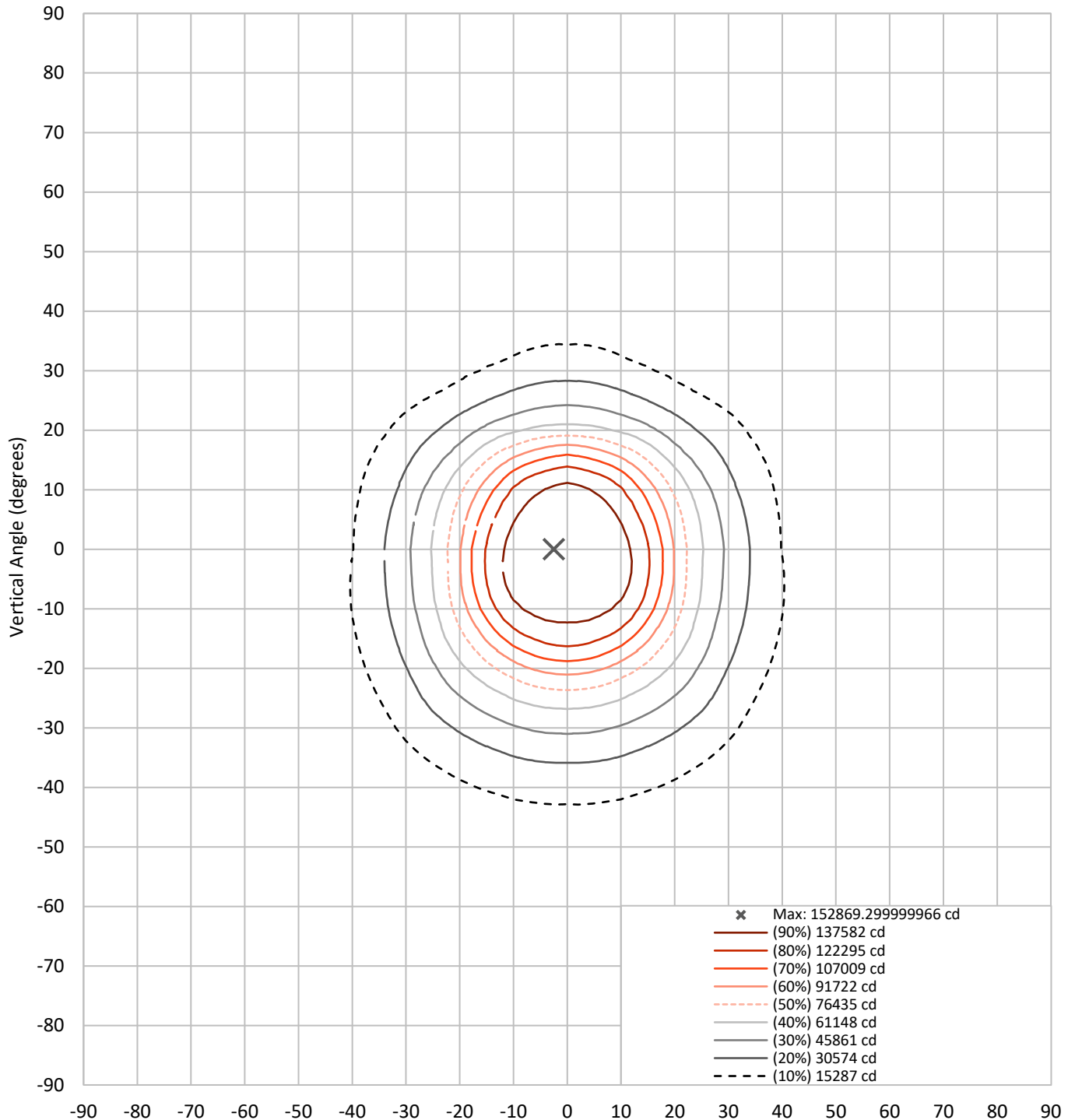
Summary

| | | | |
|-------------------|--------------------------------------|----------------------|------------------|
| Lumens per Lamp: | N/A | NEMA Type: | 5H x 5V |
| Luminaire Lumens: | 99538.6 lumens | Max Intensity: | 152869.3 candela |
| Efficiency: | N/A | Max Intensity Angle: | -2.5°H x 0°V |
| Efficacy: | 142.7 lumens/watt | | |
| Luminous Opening: | Rectangular (W 1.5' x L: 1' x H: 0') | | |
| Beam Angle (50%): | 44.5°H x 42.5°V | Field Angle (10%): | 79.6°H x 77.3°V |
| Beam Lumens: | 54656.1 lumens | Field Lumens: | 91463.8 lumens |
| Beam Efficiency: | 54.9% | Field Efficiency: | 91.9% |

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: P701718 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-LS-08-0680R-57-70-5S-VHE-S

Iso-Candela Plot





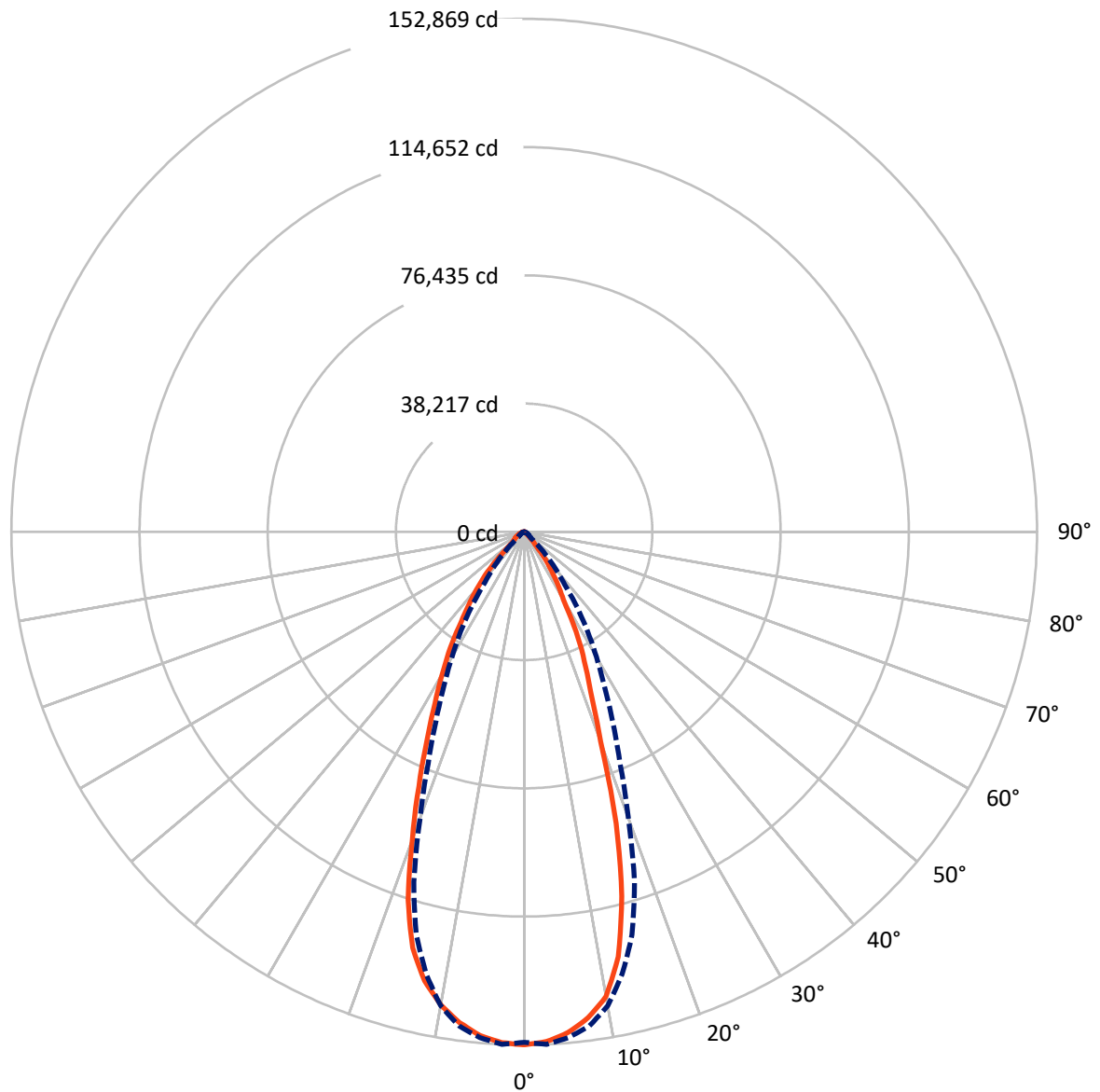
REPORT NUMBER: P701718 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

| | | | | | | | | | | | | | | | | | | | |
|-----|-----|------|------|-------|-------|--------|--------|--------|--------|--------|--------|-------|-------|------|------|-----|--|--|--|
| 90 | 0.4 | 1.5 | 2.5 | 3.4 | 3.9 | 3.4 | 2.5 | 1.5 | 0.4 | | | | | | | | | | |
| 80 | 0.4 | 0.2 | 0.3 | 0.6 | 0.8 | 0.8 | 1.0 | 1.0 | 0.8 | 0.8 | 0.8 | 0.6 | 0.3 | 0.2 | 0.4 | | | | |
| 70 | | | | | | | | | | | | | | | | | | | |
| 60 | 0.4 | 0.5 | 0.9 | 1.4 | 1.4 | 1.1 | 1.3 | 1.4 | 1.4 | 1.3 | 1.1 | 1.4 | 1.4 | 0.9 | 0.5 | 0.4 | | | |
| 50 | | | | | | | | | | | | | | | | | | | |
| 40 | 1.1 | 1.4 | 3.0 | 6.0 | 10.7 | 21.9 | 48.3 | 65.1 | 65.1 | 48.3 | 21.9 | 10.7 | 6.0 | 3.0 | 1.4 | 1.1 | | | |
| 30 | | | | | | | | | | | | | | | | | | | |
| 20 | 2.4 | 5.1 | 17.2 | 43.8 | 210.7 | 498.1 | 915.8 | 1257.3 | 1257.3 | 915.8 | 498.1 | 210.7 | 43.8 | 17.2 | 5.1 | 2.4 | | | |
| 10 | | | | | | | | | | | | | | | | | | | |
| 0 | 3.6 | 8.8 | 27.0 | 150.4 | 648.0 | 1652.1 | 3314.5 | 4396.8 | 4396.8 | 3314.5 | 1652.1 | 648.0 | 150.4 | 27.0 | 8.8 | 3.6 | | | |
| -10 | | | | | | | | | | | | | | | | | | | |
| -20 | 4.3 | 10.1 | 31.7 | 132.2 | 594.4 | 1447.9 | 2727.6 | 3682.9 | 3682.9 | 2727.6 | 1447.9 | 594.4 | 132.2 | 31.7 | 10.1 | 4.3 | | | |
| -30 | | | | | | | | | | | | | | | | | | | |
| -40 | 4.3 | 8.6 | 27.8 | 59.1 | 156.9 | 466.4 | 784.7 | 996.9 | 996.9 | 784.7 | 466.4 | 156.9 | 59.1 | 27.8 | 8.6 | 4.3 | | | |
| -50 | | | | | | | | | | | | | | | | | | | |
| -60 | 3.9 | 5.9 | 13.6 | 28.0 | 49.6 | 69.4 | 85.4 | 97.7 | 97.7 | 85.4 | 69.4 | 49.6 | 28.0 | 13.6 | 5.9 | 3.9 | | | |
| -70 | | | | | | | | | | | | | | | | | | | |
| -80 | 2.9 | 17.4 | 38.5 | 60.5 | 74.1 | 60.5 | 38.5 | 17.4 | 2.9 | | | | | | | | | | |
| -90 | | | | | | | | | | | | | | | | | | | |

REPORT NUMBER: P701718 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-LS-08-0680R-57-70-5S-VHE-S

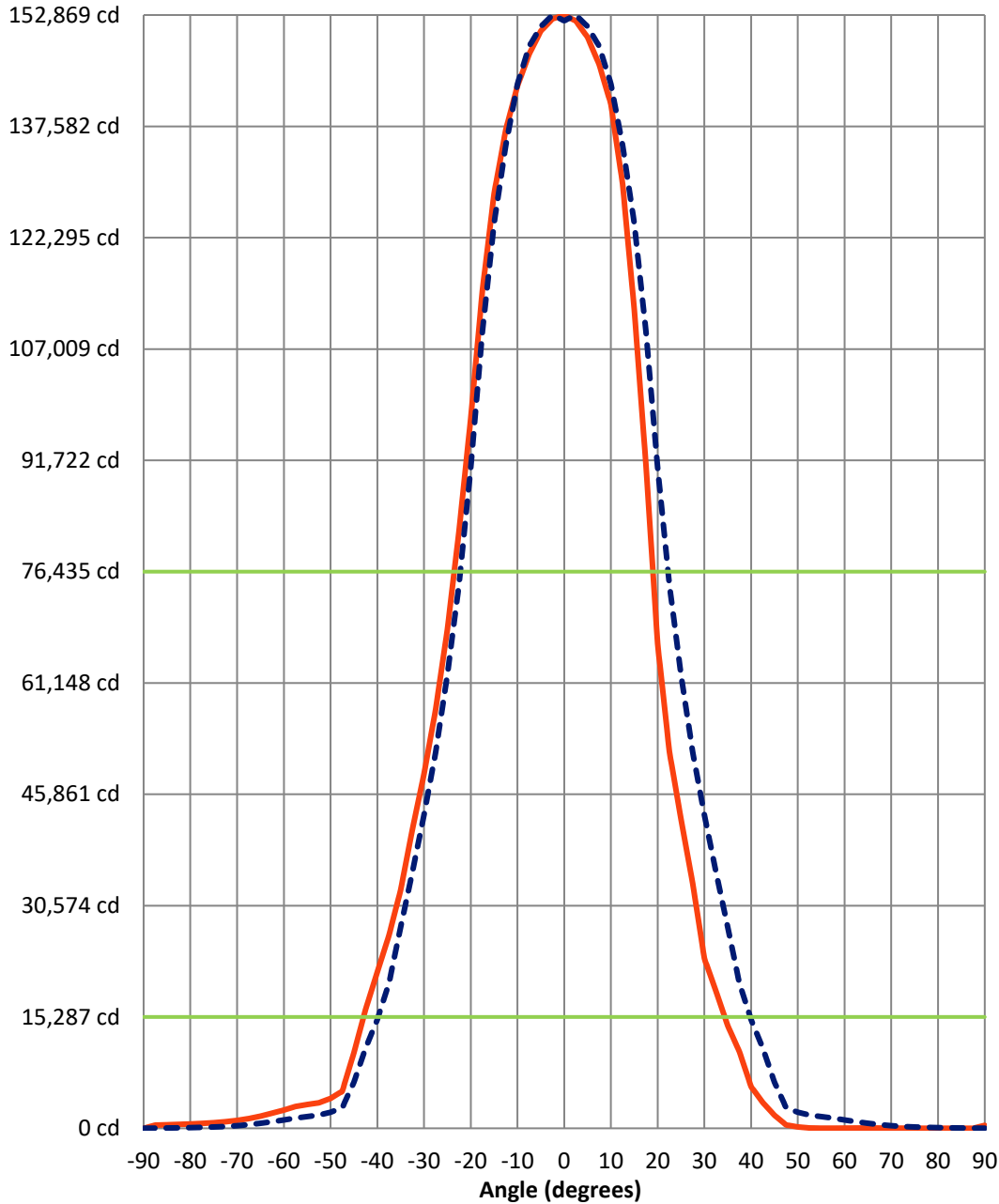
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 44.5°
 V Angle: 42.5°
 Lumens: 54656.1
 Efficiency: 54.9%

Field:
 H Angle: 79.6°
 V Angle: 77.3°
 Lumens: 91463.8
 Efficiency: 91.9%

Spill:
 Lumens: 8074.8
 Efficiency: 8.1%

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



REPORT NUMBER: P701718 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680R-57-70-5S-VHE-S

FIELD
 BEAM

CANDELA DISTRIBUTION:

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|------|--------|-------|--------|-------|--------|-------|--------|-------|
| 90° | 13.2 | 25.8 | 38.4 | 63.6 | 88.9 | 112.3 | 135.8 | 155.0 | 174.2 | 188.0 | 201.8 |
| 87.5° | 13.2 | 12.3 | 11.1 | 11.2 | 11.2 | 11.3 | 11.4 | 10.9 | 10.4 | 10.3 | 10.1 |
| 85° | 13.2 | 12.5 | 11.4 | 11.6 | 11.6 | 11.8 | 12.0 | 11.7 | 11.3 | 11.0 | 10.6 |
| 82.5° | 13.2 | 12.8 | 11.8 | 12.0 | 12.1 | 12.4 | 12.7 | 12.4 | 12.1 | 11.7 | 11.2 |
| 80° | 13.2 | 13.1 | 12.1 | 12.4 | 12.5 | 12.9 | 13.3 | 13.1 | 12.9 | 12.5 | 11.8 |
| 77.5° | 13.2 | 13.3 | 12.5 | 12.8 | 12.9 | 13.5 | 13.9 | 13.9 | 13.8 | 13.2 | 12.4 |
| 75° | 13.2 | 13.6 | 12.8 | 13.2 | 13.4 | 14.3 | 14.6 | 14.6 | 14.6 | 13.9 | 13.0 |
| 72.5° | 13.2 | 13.9 | 13.2 | 13.6 | 14.3 | 15.1 | 15.3 | 15.4 | 15.2 | 14.4 | 13.6 |
| 70° | 13.2 | 14.2 | 13.6 | 14.0 | 15.1 | 16.0 | 16.1 | 16.3 | 15.9 | 15.0 | 14.7 |
| 67.5° | 13.2 | 14.5 | 14.0 | 14.7 | 16.0 | 16.8 | 17.2 | 17.2 | 16.7 | 16.4 | 16.0 |
| 65° | 13.2 | 14.7 | 14.4 | 15.4 | 16.9 | 17.8 | 18.3 | 18.3 | 18.3 | 17.8 | 17.8 |
| 62.5° | 13.2 | 15.0 | 14.9 | 16.1 | 17.7 | 18.8 | 19.4 | 19.8 | 20.0 | 19.7 | 20.7 |
| 60° | 13.2 | 15.3 | 15.4 | 16.8 | 18.6 | 19.8 | 20.5 | 21.7 | 21.9 | 23.8 | 24.1 |
| 57.5° | 13.2 | 15.6 | 16.1 | 17.5 | 19.8 | 20.8 | 22.8 | 23.7 | 27.0 | 28.9 | 30.7 |
| 55° | 13.2 | 15.9 | 17.0 | 18.2 | 21.1 | 21.9 | 25.4 | 26.3 | 33.5 | 35.8 | 39.6 |
| 52.5° | 13.2 | 16.2 | 17.8 | 18.9 | 22.5 | 23.3 | 28.3 | 33.0 | 40.7 | 46.6 | 49.5 |
| 50° | 13.2 | 16.5 | 18.7 | 19.6 | 24.0 | 26.6 | 31.4 | 40.4 | 49.5 | 58.1 | 63.9 |
| 47.5° | 13.2 | 16.8 | 19.7 | 20.4 | 25.6 | 30.1 | 35.2 | 48.0 | 60.8 | 70.3 | 80.1 |
| 45° | 13.2 | 17.1 | 20.7 | 21.7 | 27.3 | 33.8 | 41.8 | 55.6 | 72.2 | 85.9 | 97.2 |
| 42.5° | 13.2 | 17.4 | 21.8 | 23.1 | 29.1 | 37.6 | 48.5 | 65.0 | 84.0 | 102.2 | 123.0 |
| 40° | 13.2 | 17.7 | 22.9 | 25.1 | 31.7 | 41.7 | 55.6 | 75.6 | 97.1 | 119.0 | 151.7 |
| 37.5° | 13.2 | 18.0 | 24.0 | 27.5 | 34.8 | 45.8 | 63.3 | 86.3 | 112.4 | 139.2 | 182.0 |
| 35° | 13.2 | 18.3 | 25.2 | 30.0 | 38.1 | 51.4 | 71.0 | 97.3 | 128.1 | 166.6 | 217.1 |
| 32.5° | 13.2 | 18.6 | 26.4 | 32.5 | 41.3 | 57.5 | 79.3 | 108.8 | 144.1 | 194.5 | 257.0 |
| 30° | 13.2 | 18.8 | 27.6 | 35.0 | 44.6 | 63.6 | 88.9 | 120.9 | 160.5 | 222.9 | 296.1 |
| 27.5° | 13.2 | 19.1 | 28.9 | 37.6 | 49.0 | 69.6 | 98.4 | 134.2 | 178.9 | 251.6 | 334.4 |
| 25° | 13.2 | 19.4 | 30.2 | 40.2 | 53.4 | 75.5 | 107.6 | 146.9 | 200.2 | 282.4 | 372.0 |
| 22.5° | 13.2 | 19.7 | 31.4 | 42.9 | 57.8 | 81.6 | 116.6 | 159.1 | 220.3 | 308.9 | 411.7 |
| 20° | 13.2 | 19.9 | 32.7 | 45.5 | 62.1 | 88.1 | 125.3 | 170.7 | 239.1 | 334.0 | 444.9 |
| 17.5° | 13.2 | 20.2 | 34.0 | 48.1 | 66.2 | 94.3 | 133.9 | 181.7 | 256.7 | 357.6 | 476.3 |
| 15° | 13.2 | 20.4 | 35.3 | 50.7 | 70.3 | 100.3 | 142.2 | 192.4 | 272.9 | 379.6 | 506.0 |
| 12.5° | 13.2 | 20.6 | 36.5 | 53.3 | 74.2 | 106.0 | 150.1 | 202.9 | 289.2 | 399.8 | 533.9 |
| 10° | 13.2 | 20.9 | 37.7 | 55.8 | 77.9 | 111.4 | 157.5 | 212.8 | 305.5 | 423.7 | 563.4 |
| 7.5° | 13.2 | 21.1 | 38.9 | 58.2 | 81.5 | 116.5 | 164.3 | 222.0 | 320.5 | 446.9 | 598.6 |
| 5° | 13.2 | 21.3 | 40.0 | 60.5 | 85.0 | 121.3 | 170.6 | 230.5 | 334.2 | 468.3 | 631.8 |
| 2.5° | 13.2 | 21.4 | 41.0 | 62.8 | 88.2 | 125.7 | 176.3 | 238.2 | 346.3 | 487.6 | 662.3 |
| 0° | 13.2 | 21.6 | 42.0 | 64.9 | 91.3 | 129.7 | 181.4 | 245.1 | 356.8 | 504.6 | 689.6 |
| -2.5° | 13.2 | 22.4 | 43.8 | 67.8 | 95.5 | 135.6 | 189.1 | 255.1 | 369.0 | 518.9 | 703.7 |
| -5° | 13.2 | 23.2 | 45.5 | 70.5 | 99.6 | 141.2 | 196.2 | 264.1 | 379.4 | 530.5 | 714.1 |
| -7.5° | 13.2 | 24.0 | 47.2 | 73.0 | 103.3 | 146.3 | 202.7 | 272.1 | 387.8 | 539.2 | 720.8 |
| -10° | 13.2 | 24.8 | 48.7 | 75.5 | 106.9 | 150.9 | 208.4 | 279.1 | 394.2 | 545.1 | 724.0 |
| -12.5° | 13.2 | 25.5 | 50.1 | 77.7 | 110.1 | 155.1 | 213.3 | 284.9 | 398.6 | 548.2 | 729.1 |
| -15° | 13.2 | 26.2 | 51.5 | 79.8 | 113.1 | 158.7 | 217.5 | 289.7 | 401.0 | 549.1 | 731.7 |
| -17.5° | 13.2 | 26.9 | 52.7 | 81.7 | 115.7 | 161.8 | 220.8 | 293.8 | 401.6 | 546.8 | 728.7 |
| -20° | 13.2 | 27.5 | 53.8 | 83.4 | 118.1 | 164.3 | 223.9 | 297.2 | 400.1 | 541.1 | 719.6 |



REPORT NUMBER: P701718 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680R-57-70-5S-VHE-S

CANDELA DISTRIBUTION (continued):

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|------|--------|-------|--------|-------|--------|-------|--------|-------|
| -22.5° | 13.2 | 28.1 | 54.8 | 85.0 | 120.1 | 166.3 | 227.0 | 299.6 | 396.5 | 532.2 | 705.2 |
| -25° | 13.2 | 28.7 | 55.7 | 86.3 | 121.8 | 168.6 | 229.2 | 300.9 | 390.9 | 519.9 | 692.6 |
| -27.5° | 13.2 | 29.2 | 56.5 | 87.4 | 123.1 | 170.8 | 230.5 | 301.1 | 383.2 | 511.6 | 683.4 |
| -30° | 13.2 | 29.7 | 57.1 | 88.4 | 124.2 | 172.5 | 231.0 | 300.2 | 379.9 | 504.9 | 669.0 |
| -32.5° | 13.2 | 30.1 | 57.7 | 89.1 | 126.3 | 173.6 | 230.5 | 299.5 | 379.6 | 494.8 | 649.1 |
| -35° | 13.2 | 30.4 | 58.0 | 89.7 | 128.0 | 174.1 | 230.6 | 298.4 | 377.5 | 481.2 | 623.5 |
| -37.5° | 13.2 | 30.7 | 58.3 | 90.0 | 129.4 | 174.7 | 230.5 | 296.6 | 373.4 | 464.1 | 600.4 |
| -40° | 13.2 | 31.0 | 58.5 | 90.2 | 130.5 | 176.0 | 229.8 | 293.5 | 367.5 | 453.8 | 578.0 |
| -42.5° | 13.2 | 31.2 | 58.5 | 90.4 | 131.4 | 176.8 | 228.5 | 289.2 | 361.7 | 445.2 | 551.8 |
| -45° | 13.2 | 31.4 | 58.3 | 90.9 | 132.1 | 177.3 | 226.5 | 285.0 | 355.3 | 434.2 | 524.3 |
| -47.5° | 13.2 | 31.5 | 58.1 | 91.1 | 132.4 | 177.3 | 223.7 | 281.7 | 347.4 | 420.9 | 508.9 |
| -50° | 13.2 | 31.5 | 57.7 | 91.2 | 132.2 | 176.8 | 222.7 | 277.3 | 337.3 | 408.9 | 490.8 |
| -52.5° | 13.2 | 31.5 | 57.2 | 91.0 | 131.6 | 176.0 | 221.5 | 271.9 | 328.7 | 394.7 | 468.8 |
| -55° | 13.2 | 31.5 | 56.6 | 90.6 | 130.6 | 174.4 | 219.7 | 266.0 | 320.3 | 378.4 | 446.8 |
| -57.5° | 13.2 | 31.4 | 55.8 | 89.9 | 129.1 | 172.3 | 217.3 | 263.0 | 310.7 | 365.5 | 422.8 |
| -60° | 13.2 | 31.2 | 54.9 | 89.0 | 127.3 | 169.7 | 214.3 | 258.8 | 301.1 | 352.8 | 399.8 |
| -62.5° | 13.2 | 31.0 | 54.2 | 87.8 | 125.5 | 166.6 | 210.3 | 253.8 | 294.9 | 338.2 | 381.6 |
| -65° | 13.2 | 30.7 | 53.3 | 86.4 | 123.3 | 163.0 | 205.6 | 247.8 | 287.9 | 326.7 | 362.1 |
| -67.5° | 13.2 | 30.4 | 52.3 | 84.8 | 120.8 | 159.1 | 200.4 | 240.7 | 280.2 | 315.9 | 347.0 |
| -70° | 13.2 | 30.0 | 51.2 | 82.9 | 118.0 | 154.8 | 194.7 | 232.9 | 270.7 | 304.4 | 333.4 |
| -72.5° | 13.2 | 29.6 | 49.9 | 81.1 | 114.8 | 150.0 | 187.9 | 224.6 | 260.5 | 291.3 | 319.0 |
| -75° | 13.2 | 29.2 | 48.5 | 79.1 | 111.4 | 144.7 | 180.3 | 214.8 | 249.6 | 277.7 | 303.7 |
| -77.5° | 13.2 | 28.7 | 47.1 | 77.0 | 108.1 | 138.9 | 172.2 | 204.1 | 236.6 | 263.1 | 287.9 |
| -80° | 13.2 | 28.2 | 45.5 | 74.7 | 104.7 | 133.8 | 163.6 | 192.9 | 222.9 | 246.4 | 269.4 |
| -82.5° | 13.2 | 27.6 | 43.8 | 72.1 | 101.1 | 128.8 | 156.9 | 182.4 | 208.7 | 229.3 | 249.8 |
| -85° | 13.2 | 27.1 | 42.1 | 69.5 | 97.3 | 123.6 | 150.2 | 173.6 | 197.4 | 214.7 | 231.8 |
| -87.5° | 13.2 | 26.4 | 40.3 | 66.6 | 93.2 | 118.1 | 143.1 | 164.4 | 186.0 | 201.5 | 216.9 |
| -90° | 13.2 | 12.0 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.2 | 9.6 | 9.6 | 9.6 |



REPORT NUMBER: P701718 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680R-57-70-5S-VHE-S

CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|
| 90° | 210.2 | 218.6 | 226.5 | 234.3 | 243.9 | 253.5 | 263.7 | 273.9 | 284.7 | 295.5 | 305.7 |
| 87.5° | 9.6 | 9.0 | 9.0 | 9.1 | 8.5 | 8.0 | 7.6 | 7.2 | 6.6 | 6.0 | 5.9 |
| 85° | 10.1 | 9.6 | 9.7 | 9.6 | 9.1 | 8.8 | 8.2 | 7.7 | 7.2 | 6.7 | 6.7 |
| 82.5° | 10.9 | 10.8 | 10.4 | 9.7 | 9.5 | 9.5 | 9.1 | 8.5 | 8.0 | 7.6 | 7.4 |
| 80° | 11.7 | 12.0 | 11.1 | 10.1 | 9.9 | 9.7 | 9.1 | 8.5 | 8.4 | 8.4 | 8.0 |
| 77.5° | 12.2 | 12.1 | 11.4 | 10.8 | 10.4 | 10.0 | 9.6 | 9.2 | 8.9 | 8.5 | 8.4 |
| 75° | 12.6 | 12.2 | 11.8 | 11.1 | 10.7 | 10.6 | 10.5 | 10.1 | 9.9 | 9.9 | 9.9 |
| 72.5° | 13.3 | 13.0 | 12.3 | 11.4 | 11.1 | 11.3 | 11.4 | 11.0 | 11.3 | 11.8 | 11.8 |
| 70° | 14.3 | 13.8 | 13.0 | 12.2 | 11.8 | 12.2 | 12.8 | 13.6 | 14.6 | 14.7 | 15.9 |
| 67.5° | 15.5 | 15.0 | 13.9 | 13.2 | 12.9 | 13.7 | 14.4 | 17.4 | 20.2 | 21.7 | 23.4 |
| 65° | 17.2 | 16.4 | 15.3 | 15.1 | 14.4 | 17.4 | 19.8 | 22.9 | 28.6 | 31.4 | 31.2 |
| 62.5° | 19.3 | 19.6 | 18.1 | 18.4 | 20.9 | 23.5 | 27.8 | 34.4 | 41.1 | 43.7 | 41.4 |
| 60° | 24.5 | 23.8 | 23.9 | 25.5 | 28.1 | 31.3 | 38.0 | 46.2 | 54.0 | 58.1 | 51.8 |
| 57.5° | 31.4 | 31.2 | 33.0 | 34.0 | 37.6 | 38.6 | 47.6 | 57.7 | 64.4 | 69.3 | 61.1 |
| 55° | 41.1 | 41.5 | 45.0 | 46.1 | 48.7 | 48.6 | 56.4 | 65.8 | 72.6 | 74.9 | 66.4 |
| 52.5° | 54.6 | 55.2 | 61.6 | 62.5 | 61.7 | 62.5 | 65.3 | 75.5 | 81.2 | 81.3 | 73.8 |
| 50° | 69.3 | 77.1 | 81.0 | 83.6 | 79.0 | 81.8 | 79.2 | 90.5 | 99.1 | 98.3 | 101.0 |
| 47.5° | 91.3 | 101.6 | 107.3 | 111.5 | 108.0 | 116.9 | 115.0 | 132.4 | 138.4 | 171.4 | 176.6 |
| 45° | 117.3 | 133.7 | 141.3 | 150.6 | 161.0 | 171.8 | 199.7 | 199.8 | 277.9 | 308.7 | 389.6 |
| 42.5° | 146.4 | 171.0 | 192.3 | 196.1 | 247.9 | 278.0 | 316.1 | 394.3 | 470.5 | 566.3 | 602.8 |
| 40° | 185.0 | 212.4 | 255.6 | 304.5 | 362.0 | 427.6 | 498.5 | 593.4 | 693.5 | 743.1 | 749.3 |
| 37.5° | 227.8 | 279.3 | 339.6 | 428.3 | 516.6 | 602.7 | 692.6 | 785.4 | 857.5 | 875.9 | 943.2 |
| 35° | 273.7 | 349.3 | 461.9 | 563.8 | 666.5 | 785.4 | 865.4 | 950.9 | 994.2 | 1070.1 | 1199.5 |
| 32.5° | 331.6 | 421.1 | 561.2 | 693.6 | 807.8 | 937.2 | 1013.8 | 1079.3 | 1181.0 | 1312.5 | 1598.3 |
| 30° | 392.0 | 502.3 | 643.8 | 796.7 | 937.3 | 1045.9 | 1133.1 | 1215.3 | 1374.5 | 1692.2 | 2672.2 |
| 27.5° | 442.2 | 571.9 | 720.8 | 891.2 | 1051.6 | 1150.6 | 1249.5 | 1393.0 | 1677.5 | 2332.3 | 4190.8 |
| 25° | 487.3 | 628.1 | 796.2 | 994.0 | 1151.0 | 1260.1 | 1388.8 | 1591.4 | 2037.8 | 3814.8 | 6196.5 |
| 22.5° | 531.4 | 683.5 | 882.3 | 1102.1 | 1251.9 | 1367.7 | 1562.5 | 1928.5 | 2864.1 | 5362.2 | 8224.7 |
| 20° | 576.8 | 754.3 | 975.7 | 1202.5 | 1348.5 | 1463.1 | 1714.4 | 2256.0 | 4171.0 | 7028.0 | 10014.4 |
| 17.5° | 624.5 | 825.7 | 1066.7 | 1273.9 | 1410.5 | 1563.0 | 1874.5 | 2524.5 | 5262.0 | 8583.8 | 11926.8 |
| 15° | 671.0 | 894.3 | 1144.5 | 1335.4 | 1467.3 | 1670.9 | 2089.6 | 3316.7 | 6415.7 | 10321.0 | 13971.4 |
| 12.5° | 715.6 | 956.5 | 1204.8 | 1383.8 | 1523.2 | 1771.4 | 2266.2 | 4189.3 | 7802.9 | 11934.0 | 15749.0 |
| 10° | 757.6 | 1012.3 | 1255.6 | 1429.5 | 1584.1 | 1878.7 | 2436.4 | 5043.6 | 9017.2 | 12982.2 | 16846.1 |
| 7.5° | 800.8 | 1058.7 | 1298.4 | 1473.1 | 1642.8 | 1979.8 | 2623.7 | 5707.3 | 9923.9 | 13788.5 | 17693.8 |
| 5° | 839.9 | 1094.4 | 1339.7 | 1521.8 | 1703.2 | 2069.5 | 2775.1 | 6214.6 | 10604.2 | 14454.7 | 18448.7 |
| 2.5° | 874.1 | 1122.5 | 1374.8 | 1567.8 | 1762.2 | 2144.6 | 2818.8 | 6355.7 | 10923.9 | 14813.1 | 19191.4 |
| 0° | 903.4 | 1143.7 | 1403.2 | 1608.6 | 1815.2 | 2205.6 | 2830.3 | 6331.0 | 11003.0 | 14921.7 | 19914.5 |
| -2.5° | 920.0 | 1171.1 | 1454.0 | 1667.2 | 1862.7 | 2254.9 | 2890.2 | 6340.3 | 11069.9 | 15682.3 | 20844.3 |
| -5° | 931.7 | 1191.6 | 1495.6 | 1719.2 | 1904.8 | 2289.5 | 2923.5 | 6196.3 | 10979.5 | 16082.7 | 21116.1 |
| -7.5° | 938.2 | 1204.5 | 1526.3 | 1762.4 | 1943.0 | 2314.6 | 2942.3 | 5961.9 | 10984.5 | 16100.9 | 20774.3 |
| -10° | 941.6 | 1216.8 | 1540.7 | 1786.7 | 1975.7 | 2326.7 | 2933.3 | 5559.3 | 10548.4 | 15665.1 | 20211.1 |
| -12.5° | 953.0 | 1228.1 | 1545.8 | 1804.6 | 2001.9 | 2329.5 | 2946.7 | 5165.4 | 9730.4 | 14871.6 | 19406.0 |
| -15° | 957.4 | 1231.0 | 1543.0 | 1819.5 | 2044.2 | 2357.9 | 2947.1 | 4553.5 | 8668.5 | 13864.9 | 18393.7 |
| -17.5° | 954.4 | 1225.4 | 1534.2 | 1840.9 | 2083.2 | 2360.2 | 2880.2 | 3750.9 | 7455.7 | 12432.7 | 17060.8 |
| -20° | 944.0 | 1212.7 | 1515.0 | 1851.5 | 2105.6 | 2379.8 | 2860.6 | 3620.6 | 6267.0 | 10641.9 | 15442.2 |



REPORT NUMBER: P701718 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680R-57-70-5S-VHE-S

CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| -22.5° | 929.0 | 1193.1 | 1487.5 | 1828.2 | 2131.0 | 2422.6 | 2833.8 | 3447.3 | 4869.3 | 8596.2 | 13438.6 |
| -25° | 910.9 | 1171.3 | 1458.0 | 1801.2 | 2142.8 | 2450.0 | 2750.7 | 3215.9 | 4048.6 | 6845.9 | 10958.7 |
| -27.5° | 892.1 | 1140.4 | 1426.6 | 1756.6 | 2135.7 | 2436.9 | 2701.8 | 3087.6 | 3676.1 | 4901.4 | 8374.8 |
| -30° | 868.2 | 1103.3 | 1380.5 | 1698.7 | 2072.4 | 2396.7 | 2672.0 | 2921.6 | 3323.5 | 4059.9 | 6144.9 |
| -32.5° | 839.0 | 1059.8 | 1329.0 | 1632.8 | 1977.0 | 2348.5 | 2603.1 | 2820.0 | 3126.1 | 3577.4 | 4432.9 |
| -35° | 806.1 | 1021.4 | 1271.9 | 1549.6 | 1863.9 | 2227.5 | 2499.4 | 2728.9 | 2935.7 | 3283.0 | 3830.1 |
| -37.5° | 772.5 | 973.9 | 1198.3 | 1461.6 | 1760.9 | 2057.7 | 2378.6 | 2607.3 | 2815.7 | 3033.6 | 3423.3 |
| -40° | 733.2 | 915.0 | 1125.1 | 1368.7 | 1622.4 | 1891.8 | 2189.4 | 2475.9 | 2681.8 | 2909.0 | 3142.6 |
| -42.5° | 690.2 | 859.1 | 1046.8 | 1258.0 | 1485.8 | 1727.9 | 1992.0 | 2279.1 | 2554.9 | 2772.2 | 2986.9 |
| -45° | 655.5 | 798.6 | 963.4 | 1151.5 | 1347.5 | 1563.0 | 1803.9 | 2055.3 | 2348.2 | 2629.5 | 2828.1 |
| -47.5° | 613.6 | 738.4 | 890.4 | 1039.5 | 1216.9 | 1409.1 | 1614.9 | 1853.0 | 2098.7 | 2375.7 | 2647.3 |
| -50° | 573.5 | 687.9 | 804.8 | 939.3 | 1089.8 | 1258.8 | 1442.2 | 1651.9 | 1879.1 | 2106.0 | 2352.4 |
| -52.5° | 546.1 | 633.6 | 733.2 | 839.3 | 970.8 | 1115.7 | 1278.2 | 1456.2 | 1655.3 | 1853.6 | 2067.2 |
| -55° | 516.0 | 591.7 | 663.3 | 753.2 | 856.6 | 982.3 | 1123.3 | 1278.9 | 1430.8 | 1611.7 | 1793.2 |
| -57.5° | 486.6 | 549.4 | 606.9 | 675.9 | 762.2 | 854.5 | 982.8 | 1112.2 | 1244.1 | 1384.3 | 1537.6 |
| -60° | 456.9 | 508.3 | 558.5 | 614.2 | 677.2 | 759.0 | 848.1 | 956.4 | 1064.1 | 1176.1 | 1311.8 |
| -62.5° | 427.1 | 469.0 | 512.1 | 560.1 | 613.7 | 668.8 | 741.8 | 820.6 | 896.1 | 998.1 | 1106.3 |
| -65° | 403.1 | 432.0 | 467.6 | 509.9 | 553.1 | 603.5 | 654.4 | 703.8 | 770.1 | 847.4 | 925.8 |
| -67.5° | 377.4 | 404.5 | 430.7 | 460.4 | 499.4 | 541.0 | 583.0 | 627.3 | 672.3 | 725.4 | 782.7 |
| -70° | 358.7 | 377.8 | 401.1 | 425.6 | 451.3 | 481.4 | 518.8 | 555.5 | 593.4 | 637.7 | 683.3 |
| -72.5° | 341.0 | 358.6 | 376.0 | 393.1 | 416.2 | 441.2 | 466.0 | 490.6 | 522.1 | 559.9 | 596.2 |
| -75° | 322.9 | 339.0 | 354.9 | 370.6 | 387.9 | 406.6 | 426.0 | 448.3 | 472.8 | 498.9 | 524.2 |
| -77.5° | 304.3 | 318.6 | 333.1 | 347.5 | 363.4 | 380.0 | 396.9 | 413.9 | 433.2 | 453.5 | 473.0 |
| -80° | 284.4 | 297.8 | 310.8 | 323.6 | 338.0 | 352.7 | 367.8 | 383.0 | 400.0 | 417.6 | 433.9 |
| -82.5° | 262.6 | 274.4 | 286.5 | 298.5 | 311.8 | 325.0 | 338.4 | 351.7 | 366.7 | 381.9 | 395.9 |
| -85° | 241.6 | 250.8 | 261.5 | 272.0 | 284.1 | 296.1 | 308.1 | 320.0 | 333.8 | 347.5 | 359.6 |
| -87.5° | 226.0 | 234.8 | 243.5 | 252.1 | 262.4 | 272.7 | 283.1 | 293.3 | 305.4 | 317.5 | 328.0 |
| -90° | 9.0 | 8.4 | 8.4 | 8.4 | 7.8 | 7.2 | 7.2 | 7.2 | 6.6 | 6.0 | 5.4 |



REPORT NUMBER: P701718 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680R-57-70-5S-VHE-S

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|----------|
| 90° | 315.9 | 322.6 | 329.2 | 334.6 | 340.0 | 347.2 | 354.4 | 364.0 | 373.6 | 383.2 | 392.8 |
| 87.5° | 5.8 | 5.3 | 4.8 | 4.7 | 4.7 | 4.7 | 4.7 | 4.1 | 3.6 | 3.6 | 3.6 |
| 85° | 6.8 | 6.6 | 6.6 | 6.2 | 5.8 | 5.8 | 5.9 | 5.8 | 5.8 | 5.3 | 4.8 |
| 82.5° | 7.2 | 7.2 | 7.2 | 6.6 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 5.4 | 4.8 |
| 80° | 7.6 | 7.5 | 7.2 | 7.0 | 6.8 | 6.5 | 6.1 | 5.6 | 5.0 | 4.9 | 4.8 |
| 77.5° | 8.5 | 8.2 | 7.7 | 7.5 | 7.3 | 6.7 | 6.1 | 5.5 | 4.9 | 4.8 | 4.8 |
| 75° | 9.7 | 9.3 | 9.0 | 8.6 | 8.0 | 7.6 | 7.6 | 7.3 | 6.8 | 6.9 | 7.0 |
| 72.5° | 11.6 | 11.4 | 11.4 | 11.7 | 11.6 | 12.0 | 12.6 | 13.1 | 13.6 | 14.5 | 15.6 |
| 70° | 17.3 | 18.4 | 19.0 | 19.4 | 19.3 | 19.1 | 19.0 | 19.3 | 19.9 | 20.5 | 21.0 |
| 67.5° | 25.3 | 27.1 | 28.2 | 28.6 | 26.7 | 25.7 | 25.8 | 26.3 | 27.3 | 29.0 | 31.4 |
| 65° | 33.0 | 32.5 | 31.6 | 30.9 | 31.2 | 31.3 | 31.2 | 31.5 | 33.1 | 35.6 | 38.7 |
| 62.5° | 38.7 | 33.5 | 30.4 | 28.9 | 29.9 | 31.8 | 30.5 | 29.5 | 30.9 | 32.5 | 34.0 |
| 60° | 44.3 | 34.6 | 27.7 | 25.6 | 25.2 | 25.9 | 23.8 | 21.9 | 22.5 | 23.0 | 23.9 |
| 57.5° | 49.6 | 37.1 | 25.7 | 21.9 | 18.3 | 16.5 | 16.0 | 15.3 | 14.9 | 14.6 | 14.7 |
| 55° | 54.3 | 40.4 | 25.2 | 22.3 | 19.8 | 19.3 | 17.7 | 16.8 | 16.1 | 15.8 | 16.2 |
| 52.5° | 60.2 | 51.9 | 41.3 | 38.4 | 43.3 | 43.6 | 38.6 | 45.9 | 51.4 | 54.0 | 55.0 |
| 50° | 98.6 | 88.3 | 105.9 | 104.2 | 125.0 | 139.7 | 134.5 | 150.8 | 175.0 | 190.3 | 196.6 |
| 47.5° | 216.5 | 216.9 | 251.8 | 282.8 | 308.5 | 342.0 | 367.7 | 392.6 | 427.2 | 448.7 | 458.4 |
| 45° | 410.7 | 445.7 | 482.2 | 535.3 | 586.4 | 648.4 | 723.1 | 781.8 | 1017.4 | 1252.2 | 1465.7 |
| 42.5° | 628.7 | 667.1 | 720.5 | 836.3 | 973.9 | 1292.4 | 1861.9 | 2179.8 | 2576.6 | 3008.4 | 3174.3 |
| 40° | 810.1 | 865.8 | 1012.6 | 1338.5 | 2132.6 | 2888.6 | 3719.1 | 4421.2 | 5042.8 | 5400.5 | 5699.4 |
| 37.5° | 1034.3 | 1167.2 | 1835.5 | 2758.3 | 3745.4 | 4692.9 | 5548.2 | 6290.3 | 6934.4 | 7456.8 | 7973.9 |
| 35° | 1360.8 | 2243.6 | 3231.0 | 4430.8 | 5480.1 | 6357.8 | 7243.9 | 8094.3 | 8824.8 | 9605.1 | 10764.6 |
| 32.5° | 2579.8 | 3733.5 | 5003.6 | 6079.0 | 7104.5 | 8212.1 | 9143.1 | 10503.8 | 11569.4 | 12992.0 | 15166.2 |
| 30° | 4140.7 | 5588.8 | 6740.3 | 7816.0 | 9131.1 | 10621.4 | 12176.1 | 14257.2 | 16431.9 | 18700.4 | 21034.9 |
| 27.5° | 6145.0 | 7607.5 | 8821.5 | 10256.4 | 11992.8 | 13976.1 | 16948.5 | 19881.9 | 23000.6 | 25837.4 | 27993.4 |
| 25° | 8560.8 | 10109.6 | 12184.8 | 14266.7 | 16751.6 | 20140.9 | 23480.4 | 27074.5 | 30201.3 | 32985.3 | 36101.6 |
| 22.5° | 10824.8 | 13363.7 | 16104.2 | 19247.2 | 23293.8 | 27116.3 | 31245.3 | 34882.5 | 38806.5 | 42774.3 | 45843.0 |
| 20° | 12736.2 | 16043.8 | 19975.0 | 24505.9 | 28991.3 | 33321.4 | 38126.3 | 43924.0 | 49765.8 | 54984.9 | 58772.2 |
| 17.5° | 15314.6 | 19503.5 | 24396.8 | 29782.5 | 34611.4 | 39977.4 | 46664.9 | 54197.8 | 62383.6 | 69626.4 | 75369.3 |
| 15° | 18131.8 | 23023.2 | 28556.2 | 34199.3 | 40308.6 | 47498.9 | 56098.0 | 65718.3 | 75731.2 | 85887.2 | 95348.9 |
| 12.5° | 20047.0 | 25777.7 | 31819.8 | 38529.7 | 46149.6 | 55790.2 | 66231.8 | 76896.5 | 88339.1 | 100975.5 | 111951.1 |
| 10° | 21684.4 | 28042.0 | 35331.4 | 43136.3 | 51892.1 | 62255.4 | 73047.2 | 86000.8 | 100283.7 | 112727.7 | 124483.6 |
| 7.5° | 23303.8 | 30774.4 | 38389.0 | 46515.4 | 56135.1 | 67391.2 | 80163.3 | 94094.5 | 108630.1 | 122155.8 | 131769.4 |
| 5° | 25220.1 | 32970.5 | 40584.6 | 49168.9 | 59242.9 | 70951.2 | 84423.0 | 100420.6 | 115735.4 | 128168.2 | 136839.3 |
| 2.5° | 26804.6 | 34288.0 | 42084.4 | 50580.7 | 60934.2 | 73158.7 | 87780.1 | 105558.2 | 121272.7 | 132897.7 | 140743.9 |
| 0° | 27611.4 | 35131.7 | 43028.1 | 51662.0 | 62275.8 | 74749.2 | 90701.6 | 109377.5 | 124229.6 | 134968.8 | 143371.6 |
| -2.5° | 27709.7 | 34863.5 | 42614.3 | 51129.9 | 61503.3 | 74224.0 | 90577.9 | 109474.4 | 124999.2 | 136161.2 | 144451.5 |
| -5° | 27423.3 | 34510.1 | 42246.1 | 50766.9 | 60999.9 | 74250.2 | 90670.6 | 108841.0 | 123842.4 | 135404.2 | 143211.7 |
| -7.5° | 26732.7 | 33861.2 | 41611.5 | 50006.8 | 60079.0 | 72929.8 | 88244.7 | 104715.0 | 120145.4 | 132637.8 | 139840.2 |
| -10° | 25720.9 | 32725.1 | 40355.9 | 48392.5 | 57891.3 | 69772.6 | 83469.0 | 98547.7 | 114140.2 | 126084.6 | 134390.6 |
| -12.5° | 24441.2 | 31070.1 | 38364.6 | 45962.6 | 54930.7 | 66000.2 | 78209.1 | 90835.3 | 103906.0 | 117523.4 | 126174.5 |
| -15° | 22972.1 | 29029.4 | 35857.5 | 43496.3 | 52362.6 | 61587.8 | 71285.7 | 81572.5 | 93521.3 | 104659.9 | 114730.0 |
| -17.5° | 21578.1 | 26795.0 | 33165.9 | 40608.4 | 48158.5 | 56174.3 | 64485.7 | 72884.2 | 82465.9 | 91209.4 | 99031.2 |
| -20° | 19826.2 | 24268.3 | 30138.4 | 36751.4 | 43767.0 | 50712.5 | 57851.5 | 64655.7 | 71611.8 | 78728.6 | 84940.7 |



REPORT NUMBER: P701718 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680R-57-70-5S-VHE-S

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| -22.5° | 17761.4 | 22081.3 | 26978.8 | 32736.8 | 39472.1 | 45653.7 | 51371.4 | 56688.9 | 62264.4 | 67188.8 | 72301.2 |
| -25° | 15511.9 | 19665.4 | 24166.1 | 29415.2 | 34586.5 | 40190.5 | 44936.0 | 49458.1 | 53782.8 | 57649.6 | 61625.0 |
| -27.5° | 12749.7 | 17134.5 | 21570.9 | 25771.9 | 30039.3 | 34063.0 | 38487.7 | 42659.9 | 46266.5 | 49456.5 | 52607.3 |
| -30° | 9637.8 | 14291.8 | 18488.4 | 22092.1 | 25475.3 | 28831.3 | 32218.7 | 35719.6 | 39133.9 | 42038.7 | 44619.4 |
| -32.5° | 7111.0 | 10993.4 | 14872.5 | 18404.0 | 21364.9 | 24138.6 | 26772.9 | 29519.7 | 31907.7 | 34359.8 | 36746.2 |
| -35° | 4704.7 | 7448.8 | 10669.1 | 14259.2 | 17343.1 | 19676.5 | 22065.1 | 24255.0 | 26055.2 | 27956.2 | 29757.8 |
| -37.5° | 3959.4 | 4689.7 | 6843.9 | 9758.7 | 12614.8 | 15298.0 | 17680.1 | 19583.9 | 21240.8 | 22759.3 | 24315.3 |
| -40° | 3492.7 | 3909.2 | 4522.2 | 5581.1 | 7983.1 | 10343.6 | 12797.7 | 14821.4 | 16586.6 | 18042.1 | 19474.7 |
| -42.5° | 3186.3 | 3472.2 | 3777.5 | 4194.6 | 4605.6 | 5761.7 | 7776.2 | 9522.9 | 11178.5 | 12818.4 | 14294.4 |
| -45° | 3027.6 | 3188.0 | 3362.7 | 3589.4 | 3765.2 | 4078.5 | 4428.5 | 4757.2 | 6074.8 | 7498.7 | 8690.5 |
| -47.5° | 2837.2 | 3008.3 | 3138.8 | 3245.6 | 3331.1 | 3468.7 | 3614.2 | 3804.3 | 4109.4 | 4469.0 | 4743.5 |
| -50° | 2593.8 | 2801.5 | 2931.7 | 3038.8 | 3100.2 | 3153.4 | 3205.9 | 3325.0 | 3490.2 | 3686.4 | 3842.0 |
| -52.5° | 2279.2 | 2484.6 | 2669.1 | 2808.3 | 2876.2 | 2942.4 | 3008.2 | 3090.1 | 3184.1 | 3297.4 | 3378.6 |
| -55° | 1982.6 | 2154.2 | 2313.8 | 2443.7 | 2560.8 | 2667.4 | 2770.0 | 2856.7 | 2958.2 | 3065.9 | 3141.6 |
| -57.5° | 1701.1 | 1839.7 | 1970.6 | 2083.1 | 2184.5 | 2274.2 | 2379.1 | 2493.0 | 2622.7 | 2746.2 | 2833.1 |
| -60° | 1438.1 | 1548.2 | 1657.1 | 1748.5 | 1831.0 | 1904.5 | 2001.5 | 2097.1 | 2210.8 | 2312.0 | 2385.7 |
| -62.5° | 1202.8 | 1299.1 | 1379.5 | 1448.5 | 1510.6 | 1572.2 | 1653.7 | 1733.7 | 1827.2 | 1908.0 | 1969.3 |
| -65° | 999.4 | 1079.7 | 1136.3 | 1187.5 | 1232.6 | 1285.0 | 1348.1 | 1412.2 | 1485.7 | 1548.5 | 1598.7 |
| -67.5° | 842.5 | 896.9 | 932.5 | 964.1 | 1001.5 | 1043.2 | 1090.9 | 1142.0 | 1199.2 | 1246.7 | 1285.2 |
| -70° | 723.9 | 757.8 | 779.4 | 803.0 | 830.3 | 859.2 | 891.5 | 930.0 | 973.4 | 1010.5 | 1042.4 |
| -72.5° | 630.0 | 655.9 | 673.8 | 692.0 | 708.5 | 728.2 | 749.9 | 778.7 | 810.8 | 839.8 | 866.7 |
| -75° | 548.6 | 567.1 | 583.8 | 599.7 | 613.9 | 630.7 | 648.1 | 672.3 | 698.6 | 722.5 | 745.0 |
| -77.5° | 493.9 | 508.3 | 519.4 | 530.0 | 540.4 | 554.3 | 568.6 | 588.2 | 608.6 | 628.4 | 647.5 |
| -80° | 450.1 | 461.2 | 470.6 | 478.4 | 485.5 | 497.3 | 509.6 | 525.6 | 541.9 | 558.9 | 575.8 |
| -82.5° | 409.5 | 419.2 | 428.2 | 435.6 | 442.4 | 453.1 | 464.0 | 478.4 | 492.8 | 507.0 | 521.0 |
| -85° | 371.5 | 380.4 | 388.8 | 395.9 | 402.8 | 411.5 | 420.0 | 432.4 | 444.8 | 457.7 | 470.5 |
| -87.5° | 338.5 | 346.8 | 355.1 | 360.6 | 366.1 | 373.8 | 381.4 | 392.0 | 402.5 | 413.7 | 424.8 |
| -90° | 4.8 | 4.8 | 4.8 | 4.2 | 3.6 | 3.6 | 3.6 | 3.0 | 2.4 | 2.4 | 2.4 |



REPORT NUMBER: P701718 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680R-57-70-5S-VHE-S

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 90° | 397.6 | 402.4 | 404.9 | 407.3 | 404.9 | 402.4 | 397.6 | 392.8 | 383.2 | 373.6 | 364.0 |
| 87.5° | 3.0 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 3.0 | 3.6 | 3.6 | 3.6 | 4.1 |
| 85° | 4.2 | 3.6 | 4.2 | 4.8 | 4.2 | 3.6 | 4.2 | 4.8 | 5.3 | 5.8 | 5.8 |
| 82.5° | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 5.4 | 6.0 | 6.0 |
| 80° | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.9 | 5.0 | 5.6 |
| 77.5° | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.9 | 5.5 |
| 75° | 6.6 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.6 | 7.0 | 6.9 | 6.8 | 7.3 |
| 72.5° | 16.2 | 16.5 | 17.3 | 18.0 | 17.3 | 16.5 | 16.2 | 15.6 | 14.5 | 13.6 | 13.1 |
| 70° | 21.3 | 21.4 | 21.6 | 21.6 | 21.6 | 21.4 | 21.3 | 21.0 | 20.5 | 19.9 | 19.3 |
| 67.5° | 32.6 | 33.2 | 34.6 | 36.0 | 34.6 | 33.2 | 32.6 | 31.4 | 29.0 | 27.3 | 26.3 |
| 65° | 40.9 | 42.6 | 43.1 | 43.2 | 43.1 | 42.6 | 40.9 | 38.7 | 35.6 | 33.1 | 31.5 |
| 62.5° | 35.4 | 37.0 | 37.3 | 37.2 | 37.3 | 37.0 | 35.4 | 34.0 | 32.5 | 30.9 | 29.5 |
| 60° | 24.7 | 25.4 | 25.9 | 26.4 | 25.9 | 25.4 | 24.7 | 23.9 | 23.0 | 22.5 | 21.9 |
| 57.5° | 14.9 | 15.7 | 15.7 | 15.6 | 15.7 | 15.7 | 14.9 | 14.7 | 14.6 | 14.9 | 15.3 |
| 55° | 16.4 | 16.7 | 16.3 | 15.6 | 16.3 | 16.7 | 16.4 | 16.2 | 15.8 | 16.1 | 16.8 |
| 52.5° | 53.6 | 50.9 | 48.2 | 45.7 | 48.2 | 50.9 | 53.6 | 55.0 | 54.0 | 51.4 | 45.9 |
| 50° | 194.5 | 191.3 | 186.7 | 181.4 | 186.7 | 191.3 | 194.5 | 196.6 | 190.3 | 175.0 | 150.8 |
| 47.5° | 467.1 | 468.1 | 463.5 | 455.3 | 463.5 | 468.1 | 467.1 | 458.4 | 448.7 | 427.2 | 392.6 |
| 45° | 1651.7 | 1741.5 | 1789.9 | 1823.6 | 1789.9 | 1741.5 | 1651.7 | 1465.7 | 1252.2 | 1017.4 | 781.8 |
| 42.5° | 3319.2 | 3445.2 | 3541.0 | 3560.7 | 3541.0 | 3445.2 | 3319.2 | 3174.3 | 3008.4 | 2576.6 | 2179.8 |
| 40° | 6053.7 | 6074.8 | 5723.6 | 5193.4 | 5723.6 | 6074.8 | 6053.7 | 5699.4 | 5400.5 | 5042.8 | 4421.2 |
| 37.5° | 8590.2 | 9476.5 | 10506.3 | 11031.8 | 10506.3 | 9476.5 | 8590.2 | 7973.9 | 7456.8 | 6934.4 | 6290.3 |
| 35° | 12329.0 | 13662.3 | 14094.8 | 14106.0 | 14094.8 | 13662.3 | 12329.0 | 10764.6 | 9605.1 | 8824.8 | 8094.3 |
| 32.5° | 17126.9 | 18210.9 | 18789.8 | 18632.6 | 18789.8 | 18210.9 | 17126.9 | 15166.2 | 12992.0 | 11569.4 | 10503.8 |
| 30° | 22395.4 | 23338.6 | 23346.1 | 23030.7 | 23346.1 | 23338.6 | 22395.4 | 21034.9 | 18700.4 | 16431.9 | 14257.2 |
| 27.5° | 30225.1 | 32218.1 | 33620.8 | 33998.9 | 33620.8 | 32218.1 | 30225.1 | 27993.4 | 25837.4 | 23000.6 | 19881.9 |
| 25° | 38909.6 | 41099.7 | 42446.3 | 42936.8 | 42446.3 | 41099.7 | 38909.6 | 36101.6 | 32985.3 | 30201.3 | 27074.5 |
| 22.5° | 48699.0 | 50828.3 | 51800.2 | 52308.3 | 51800.2 | 50828.3 | 48699.0 | 45843.0 | 42774.3 | 38806.5 | 34882.5 |
| 20° | 62382.4 | 65410.0 | 66551.3 | 67039.0 | 66551.3 | 65410.0 | 62382.4 | 58772.2 | 54984.9 | 49765.8 | 43924.0 |
| 17.5° | 81336.3 | 87315.8 | 91054.5 | 92974.6 | 91054.5 | 87315.8 | 81336.3 | 75369.3 | 69626.4 | 62383.6 | 54197.8 |
| 15° | 102351.4 | 108421.7 | 112413.8 | 114807.5 | 112413.8 | 108421.7 | 102351.4 | 95348.9 | 85887.2 | 75731.2 | 65718.3 |
| 12.5° | 120379.7 | 125791.1 | 129647.0 | 131939.2 | 129647.0 | 125791.1 | 120379.7 | 111951.1 | 100975.5 | 88339.1 | 76896.5 |
| 10° | 131945.4 | 136586.2 | 140586.6 | 142540.3 | 140586.6 | 136586.2 | 131945.4 | 124483.6 | 112727.7 | 100283.7 | 86000.8 |
| 7.5° | 138482.1 | 143878.2 | 146046.7 | 147382.8 | 146046.7 | 143878.2 | 138482.1 | 131769.4 | 122155.8 | 108630.1 | 94094.5 |
| 5° | 143548.0 | 147812.3 | 149814.1 | 150791.0 | 149814.1 | 147812.3 | 143548.0 | 136839.3 | 128168.2 | 115735.4 | 100420.6 |
| 2.5° | 146929.9 | 150631.9 | 152047.5 | 152835.7 | 152047.5 | 150631.9 | 146929.9 | 140743.9 | 132897.7 | 121272.7 | 105558.2 |
| 0° | 148552.9 | 151282.3 | 152869.3 | 152095.6 | 152869.3 | 151282.3 | 148552.9 | 143371.6 | 134968.8 | 124229.6 | 109377.5 |
| -2.5° | 148564.2 | 151158.7 | 152338.4 | 151764.1 | 152338.4 | 151158.7 | 148564.2 | 144451.5 | 136161.2 | 124999.2 | 109474.4 |
| -5° | 147293.2 | 149229.4 | 150666.3 | 150205.9 | 150666.3 | 149229.4 | 147293.2 | 143211.7 | 135404.2 | 123842.4 | 108841.0 |
| -7.5° | 143865.5 | 146438.9 | 147491.3 | 147542.6 | 147491.3 | 146438.9 | 143865.5 | 139840.2 | 132637.8 | 120145.4 | 104715.0 |
| -10° | 139150.3 | 142003.3 | 143123.8 | 143238.2 | 143123.8 | 142003.3 | 139150.3 | 134390.6 | 126084.6 | 114140.2 | 98547.7 |
| -12.5° | 132142.2 | 135489.1 | 137101.6 | 137389.0 | 137101.6 | 135489.1 | 132142.2 | 126174.5 | 117523.4 | 103906.0 | 90835.3 |
| -15° | 121263.0 | 125774.1 | 128320.4 | 129213.9 | 128320.4 | 125774.1 | 121263.0 | 114730.0 | 104659.9 | 93521.3 | 81572.5 |
| -17.5° | 106473.2 | 111863.1 | 115038.2 | 116157.8 | 115038.2 | 111863.1 | 106473.2 | 99031.2 | 91209.4 | 82465.9 | 72884.2 |
| -20° | 91046.2 | 95042.0 | 97489.6 | 98498.3 | 97489.6 | 95042.0 | 91046.2 | 84940.7 | 78728.6 | 71611.8 | 64655.7 |



REPORT NUMBER: P701718 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680R-57-70-5S-VHE-S

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| -22.5° | 77013.7 | 80235.3 | 82054.0 | 82861.8 | 82054.0 | 80235.3 | 77013.7 | 72301.2 | 67188.8 | 62264.4 | 56688.9 |
| -25° | 64843.3 | 67556.7 | 68489.3 | 69015.2 | 68489.3 | 67556.7 | 64843.3 | 61625.0 | 57649.6 | 53782.8 | 49458.1 |
| -27.5° | 54899.2 | 57051.7 | 57554.0 | 58018.3 | 57554.0 | 57051.7 | 54899.2 | 52607.3 | 49456.5 | 46266.5 | 42659.9 |
| -30° | 46520.0 | 48393.2 | 48649.3 | 49163.2 | 48649.3 | 48393.2 | 46520.0 | 44619.4 | 42038.7 | 39133.9 | 35719.6 |
| -32.5° | 38683.9 | 40351.9 | 40990.8 | 41089.1 | 40990.8 | 40351.9 | 38683.9 | 36746.2 | 34359.8 | 31907.7 | 29519.7 |
| -35° | 31180.3 | 32279.6 | 32714.5 | 32741.1 | 32714.5 | 32279.6 | 31180.3 | 29757.8 | 27956.2 | 26055.2 | 24255.0 |
| -37.5° | 25280.6 | 25981.4 | 26485.2 | 26346.4 | 26485.2 | 25981.4 | 25280.6 | 24315.3 | 22759.3 | 21240.8 | 19583.9 |
| -40° | 20277.5 | 20982.5 | 21442.9 | 21330.8 | 21442.9 | 20982.5 | 20277.5 | 19474.7 | 18042.1 | 16586.6 | 14821.4 |
| -42.5° | 15108.6 | 15883.9 | 16319.1 | 16198.7 | 16319.1 | 15883.9 | 15108.6 | 14294.4 | 12818.4 | 11178.5 | 9522.9 |
| -45° | 9370.0 | 10053.5 | 10374.1 | 10178.9 | 10374.1 | 10053.5 | 9370.0 | 8690.5 | 7498.7 | 6074.8 | 4757.2 |
| -47.5° | 4888.3 | 5043.8 | 5093.6 | 5024.0 | 5093.6 | 5043.8 | 4888.3 | 4743.5 | 4469.0 | 4109.4 | 3804.3 |
| -50° | 3963.4 | 4061.0 | 4102.9 | 4090.5 | 4102.9 | 4061.0 | 3963.4 | 3842.0 | 3686.4 | 3490.2 | 3325.0 |
| -52.5° | 3442.4 | 3487.5 | 3502.4 | 3493.5 | 3502.4 | 3487.5 | 3442.4 | 3378.6 | 3297.4 | 3184.1 | 3090.1 |
| -55° | 3205.6 | 3250.4 | 3265.8 | 3260.4 | 3265.8 | 3250.4 | 3205.6 | 3141.6 | 3065.9 | 2958.2 | 2856.7 |
| -57.5° | 2905.3 | 2960.2 | 2994.2 | 3011.7 | 2994.2 | 2960.2 | 2905.3 | 2833.1 | 2746.2 | 2622.7 | 2493.0 |
| -60° | 2445.1 | 2489.0 | 2501.7 | 2495.2 | 2501.7 | 2489.0 | 2445.1 | 2385.7 | 2312.0 | 2210.8 | 2097.1 |
| -62.5° | 2017.4 | 2053.5 | 2080.5 | 2098.7 | 2080.5 | 2053.5 | 2017.4 | 1969.3 | 1908.0 | 1827.2 | 1733.7 |
| -65° | 1635.6 | 1661.7 | 1667.2 | 1662.6 | 1667.2 | 1661.7 | 1635.6 | 1598.7 | 1548.5 | 1485.7 | 1412.2 |
| -67.5° | 1312.2 | 1331.5 | 1334.1 | 1329.9 | 1334.1 | 1331.5 | 1312.2 | 1285.2 | 1246.7 | 1199.2 | 1142.0 |
| -70° | 1063.9 | 1080.1 | 1082.4 | 1080.0 | 1082.4 | 1080.1 | 1063.9 | 1042.4 | 1010.5 | 973.4 | 930.0 |
| -72.5° | 882.4 | 894.3 | 903.4 | 910.6 | 903.4 | 894.3 | 882.4 | 866.7 | 839.8 | 810.8 | 778.7 |
| -75° | 756.4 | 765.0 | 767.1 | 767.7 | 767.1 | 765.0 | 756.4 | 745.0 | 722.5 | 698.6 | 672.3 |
| -77.5° | 657.5 | 666.1 | 672.3 | 677.6 | 672.3 | 666.1 | 657.5 | 647.5 | 628.4 | 608.6 | 588.2 |
| -80° | 583.5 | 590.1 | 595.0 | 599.5 | 595.0 | 590.1 | 583.5 | 575.8 | 558.9 | 541.9 | 525.6 |
| -82.5° | 528.3 | 535.1 | 539.2 | 543.0 | 539.2 | 535.1 | 528.3 | 521.0 | 507.0 | 492.8 | 478.4 |
| -85° | 476.0 | 481.3 | 485.2 | 488.9 | 485.2 | 481.3 | 476.0 | 470.5 | 457.7 | 444.8 | 432.4 |
| -87.5° | 429.8 | 434.8 | 437.3 | 439.7 | 437.3 | 434.8 | 429.8 | 424.8 | 413.7 | 402.5 | 392.0 |
| -90° | 1.8 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.8 | 2.4 | 2.4 | 2.4 | 3.0 |



REPORT NUMBER: P701718 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680R-57-70-5S-VHE-S

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|
| 90° | 354.4 | 347.2 | 340.0 | 334.6 | 329.2 | 322.6 | 315.9 | 305.7 | 295.5 | 284.7 | 273.9 |
| 87.5° | 4.7 | 4.7 | 4.7 | 4.7 | 4.8 | 5.3 | 5.8 | 5.9 | 6.0 | 6.6 | 7.2 |
| 85° | 5.9 | 5.8 | 5.8 | 6.2 | 6.6 | 6.6 | 6.8 | 6.7 | 6.7 | 7.2 | 7.7 |
| 82.5° | 6.0 | 6.0 | 6.0 | 6.6 | 7.2 | 7.2 | 7.2 | 7.4 | 7.6 | 8.0 | 8.5 |
| 80° | 6.1 | 6.5 | 6.8 | 7.0 | 7.2 | 7.5 | 7.6 | 8.0 | 8.4 | 8.4 | 8.5 |
| 77.5° | 6.1 | 6.7 | 7.3 | 7.5 | 7.7 | 8.2 | 8.5 | 8.4 | 8.5 | 8.9 | 9.2 |
| 75° | 7.6 | 7.6 | 8.0 | 8.6 | 9.0 | 9.3 | 9.7 | 9.9 | 9.9 | 9.9 | 10.1 |
| 72.5° | 12.6 | 12.0 | 11.6 | 11.7 | 11.4 | 11.4 | 11.6 | 11.8 | 11.8 | 11.3 | 11.0 |
| 70° | 19.0 | 19.1 | 19.3 | 19.4 | 19.0 | 18.4 | 17.3 | 15.9 | 14.7 | 14.6 | 13.6 |
| 67.5° | 25.8 | 25.7 | 26.7 | 28.6 | 28.2 | 27.1 | 25.3 | 23.4 | 21.7 | 20.2 | 17.4 |
| 65° | 31.2 | 31.3 | 31.2 | 30.9 | 31.6 | 32.5 | 33.0 | 31.2 | 31.4 | 28.6 | 22.9 |
| 62.5° | 30.5 | 31.8 | 29.9 | 28.9 | 30.4 | 33.5 | 38.7 | 41.4 | 43.7 | 41.1 | 34.4 |
| 60° | 23.8 | 25.9 | 25.2 | 25.6 | 27.7 | 34.6 | 44.3 | 51.8 | 58.1 | 54.0 | 46.2 |
| 57.5° | 16.0 | 16.5 | 18.3 | 21.9 | 25.7 | 37.1 | 49.6 | 61.1 | 69.3 | 64.4 | 57.7 |
| 55° | 17.7 | 19.3 | 19.8 | 22.3 | 25.2 | 40.4 | 54.3 | 66.4 | 74.9 | 72.6 | 65.8 |
| 52.5° | 38.6 | 43.6 | 43.3 | 38.4 | 41.3 | 51.9 | 60.2 | 73.8 | 81.3 | 81.2 | 75.5 |
| 50° | 134.5 | 139.7 | 125.0 | 104.2 | 105.9 | 88.3 | 98.6 | 101.0 | 98.3 | 99.1 | 90.5 |
| 47.5° | 367.7 | 342.0 | 308.5 | 282.8 | 251.8 | 216.9 | 216.5 | 176.6 | 171.4 | 138.4 | 132.4 |
| 45° | 723.1 | 648.4 | 586.4 | 535.3 | 482.2 | 445.7 | 410.7 | 389.6 | 308.7 | 277.9 | 199.8 |
| 42.5° | 1861.9 | 1292.4 | 973.9 | 836.3 | 720.5 | 667.1 | 628.7 | 602.8 | 566.3 | 470.5 | 394.3 |
| 40° | 3719.1 | 2888.6 | 2132.6 | 1338.5 | 1012.6 | 865.8 | 810.1 | 749.3 | 743.1 | 693.5 | 593.4 |
| 37.5° | 5548.2 | 4692.9 | 3745.4 | 2758.3 | 1835.5 | 1167.2 | 1034.3 | 943.2 | 875.9 | 857.5 | 785.4 |
| 35° | 7243.9 | 6357.8 | 5480.1 | 4430.8 | 3231.0 | 2243.6 | 1360.8 | 1199.5 | 1070.1 | 994.2 | 950.9 |
| 32.5° | 9143.1 | 8212.1 | 7104.5 | 6079.0 | 5003.6 | 3733.5 | 2579.8 | 1598.3 | 1312.5 | 1181.0 | 1079.3 |
| 30° | 12176.1 | 10621.4 | 9131.1 | 7816.0 | 6740.3 | 5588.8 | 4140.7 | 2672.2 | 1692.2 | 1374.5 | 1215.3 |
| 27.5° | 16948.5 | 13976.1 | 11992.8 | 10256.4 | 8821.5 | 7607.5 | 6145.0 | 4190.8 | 2332.3 | 1677.5 | 1393.0 |
| 25° | 23480.4 | 20140.9 | 16751.6 | 14266.7 | 12184.8 | 10109.6 | 8560.8 | 6196.5 | 3814.8 | 2037.8 | 1591.4 |
| 22.5° | 31245.3 | 27116.3 | 23293.8 | 19247.2 | 16104.2 | 13363.7 | 10824.8 | 8224.7 | 5362.2 | 2864.1 | 1928.5 |
| 20° | 38126.3 | 33321.4 | 28991.3 | 24505.9 | 19975.0 | 16043.8 | 12736.2 | 10014.4 | 7028.0 | 4171.0 | 2256.0 |
| 17.5° | 46664.9 | 39977.4 | 34611.4 | 29782.5 | 24396.8 | 19503.5 | 15314.6 | 11926.8 | 8583.8 | 5262.0 | 2524.5 |
| 15° | 56098.0 | 47498.9 | 40308.6 | 34199.3 | 28556.2 | 23023.2 | 18131.8 | 13971.4 | 10321.0 | 6415.7 | 3316.7 |
| 12.5° | 66231.8 | 55790.2 | 46149.6 | 38529.7 | 31819.8 | 25777.7 | 20047.0 | 15749.0 | 11934.0 | 7802.9 | 4189.3 |
| 10° | 73047.2 | 62255.4 | 51892.1 | 43136.3 | 35331.4 | 28042.0 | 21684.4 | 16846.1 | 12982.2 | 9017.2 | 5043.6 |
| 7.5° | 80163.3 | 67391.2 | 56135.1 | 46515.4 | 38389.0 | 30774.4 | 23303.8 | 17693.8 | 13788.5 | 9923.9 | 5707.3 |
| 5° | 84423.0 | 70951.2 | 59242.9 | 49168.9 | 40584.6 | 32970.5 | 25220.1 | 18448.7 | 14454.7 | 10604.2 | 6214.6 |
| 2.5° | 87780.1 | 73158.7 | 60934.2 | 50580.7 | 42084.4 | 34288.0 | 26804.6 | 19191.4 | 14813.1 | 10923.9 | 6355.7 |
| 0° | 90701.6 | 74749.2 | 62275.8 | 51662.0 | 43028.1 | 35131.7 | 27611.4 | 19914.5 | 14921.7 | 11003.0 | 6331.0 |
| -2.5° | 90577.9 | 74224.0 | 61503.3 | 51129.9 | 42614.3 | 34863.5 | 27709.7 | 20844.3 | 15682.3 | 11069.9 | 6340.3 |
| -5° | 90670.6 | 74250.2 | 60999.9 | 50766.9 | 42246.1 | 34510.1 | 27423.3 | 21116.1 | 16082.7 | 10979.5 | 6196.3 |
| -7.5° | 88244.7 | 72929.8 | 60079.0 | 50006.8 | 41611.5 | 33861.2 | 26732.7 | 20774.3 | 16100.9 | 10984.5 | 5961.9 |
| -10° | 83469.0 | 69772.6 | 57891.3 | 48392.5 | 40355.9 | 32725.1 | 25720.9 | 20211.1 | 15665.1 | 10548.4 | 5559.3 |
| -12.5° | 78209.1 | 66000.2 | 54930.7 | 45962.6 | 38364.6 | 31070.1 | 24441.2 | 19406.0 | 14871.6 | 9730.4 | 5165.4 |
| -15° | 71285.7 | 61587.8 | 52362.6 | 43496.3 | 35857.5 | 29029.4 | 22972.1 | 18393.7 | 13864.9 | 8668.5 | 4553.5 |
| -17.5° | 64485.7 | 56174.3 | 48158.5 | 40608.4 | 33165.9 | 26795.0 | 21578.1 | 17060.8 | 12432.7 | 7455.7 | 3750.9 |
| -20° | 57851.5 | 50712.5 | 43767.0 | 36751.4 | 30138.4 | 24268.3 | 19826.2 | 15442.2 | 10641.9 | 6267.0 | 3620.6 |



REPORT NUMBER: P701718 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680R-57-70-5S-VHE-S

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|--------|--------|--------|
| -22.5° | 51371.4 | 45653.7 | 39472.1 | 32736.8 | 26978.8 | 22081.3 | 17761.4 | 13438.6 | 8596.2 | 4869.3 | 3447.3 |
| -25° | 44936.0 | 40190.5 | 34586.5 | 29415.2 | 24166.1 | 19665.4 | 15511.9 | 10958.7 | 6845.9 | 4048.6 | 3215.9 |
| -27.5° | 38487.7 | 34063.0 | 30039.3 | 25771.9 | 21570.9 | 17134.5 | 12749.7 | 8374.8 | 4901.4 | 3676.1 | 3087.6 |
| -30° | 32218.7 | 28831.3 | 25475.3 | 22092.1 | 18488.4 | 14291.8 | 9637.8 | 6144.9 | 4059.9 | 3323.5 | 2921.6 |
| -32.5° | 26772.9 | 24138.6 | 21364.9 | 18404.0 | 14872.5 | 10993.4 | 7111.0 | 4432.9 | 3577.4 | 3126.1 | 2820.0 |
| -35° | 22065.1 | 19676.5 | 17343.1 | 14259.2 | 10669.1 | 7448.8 | 4704.7 | 3830.1 | 3283.0 | 2935.7 | 2728.9 |
| -37.5° | 17680.1 | 15298.0 | 12614.8 | 9758.7 | 6843.9 | 4689.7 | 3959.4 | 3423.3 | 3033.6 | 2815.7 | 2607.3 |
| -40° | 12797.7 | 10343.6 | 7983.1 | 5581.1 | 4522.2 | 3909.2 | 3492.7 | 3142.6 | 2909.0 | 2681.8 | 2475.9 |
| -42.5° | 7776.2 | 5761.7 | 4605.6 | 4194.6 | 3777.5 | 3472.2 | 3186.3 | 2986.9 | 2772.2 | 2554.9 | 2279.1 |
| -45° | 4428.5 | 4078.5 | 3765.2 | 3589.4 | 3362.7 | 3188.0 | 3027.6 | 2828.1 | 2629.5 | 2348.2 | 2055.3 |
| -47.5° | 3614.2 | 3468.7 | 3331.1 | 3245.6 | 3138.8 | 3008.3 | 2837.2 | 2647.3 | 2375.7 | 2098.7 | 1853.0 |
| -50° | 3205.9 | 3153.4 | 3100.2 | 3038.8 | 2931.7 | 2801.5 | 2593.8 | 2352.4 | 2106.0 | 1879.1 | 1651.9 |
| -52.5° | 3008.2 | 2942.4 | 2876.2 | 2808.3 | 2669.1 | 2484.6 | 2279.2 | 2067.2 | 1853.6 | 1655.3 | 1456.2 |
| -55° | 2770.0 | 2667.4 | 2560.8 | 2443.7 | 2313.8 | 2154.2 | 1982.6 | 1793.2 | 1611.7 | 1430.8 | 1278.9 |
| -57.5° | 2379.1 | 2274.2 | 2184.5 | 2083.1 | 1970.6 | 1839.7 | 1701.1 | 1537.6 | 1384.3 | 1244.1 | 1112.2 |
| -60° | 2001.5 | 1904.5 | 1831.0 | 1748.5 | 1657.1 | 1548.2 | 1438.1 | 1311.8 | 1176.1 | 1064.1 | 956.4 |
| -62.5° | 1653.7 | 1572.2 | 1510.6 | 1448.5 | 1379.5 | 1299.1 | 1202.8 | 1106.3 | 998.1 | 896.1 | 820.6 |
| -65° | 1348.1 | 1285.0 | 1232.6 | 1187.5 | 1136.3 | 1079.7 | 999.4 | 925.8 | 847.4 | 770.1 | 703.8 |
| -67.5° | 1090.9 | 1043.2 | 1001.5 | 964.1 | 932.5 | 896.9 | 842.5 | 782.7 | 725.4 | 672.3 | 627.3 |
| -70° | 891.5 | 859.2 | 830.3 | 803.0 | 779.4 | 757.8 | 723.9 | 683.3 | 637.7 | 593.4 | 555.5 |
| -72.5° | 749.9 | 728.2 | 708.5 | 692.0 | 673.8 | 655.9 | 630.0 | 596.2 | 559.9 | 522.1 | 490.6 |
| -75° | 648.1 | 630.7 | 613.9 | 599.7 | 583.8 | 567.1 | 548.6 | 524.2 | 498.9 | 472.8 | 448.3 |
| -77.5° | 568.6 | 554.3 | 540.4 | 530.0 | 519.4 | 508.3 | 493.9 | 473.0 | 453.5 | 433.2 | 413.9 |
| -80° | 509.6 | 497.3 | 485.5 | 478.4 | 470.6 | 461.2 | 450.1 | 433.9 | 417.6 | 400.0 | 383.0 |
| -82.5° | 464.0 | 453.1 | 442.4 | 435.6 | 428.2 | 419.2 | 409.5 | 395.9 | 381.9 | 366.7 | 351.7 |
| -85° | 420.0 | 411.5 | 402.8 | 395.9 | 388.8 | 380.4 | 371.5 | 359.6 | 347.5 | 333.8 | 320.0 |
| -87.5° | 381.4 | 373.8 | 366.1 | 360.6 | 355.1 | 346.8 | 338.5 | 328.0 | 317.5 | 305.4 | 293.3 |
| -90° | 3.6 | 3.6 | 3.6 | 4.2 | 4.8 | 4.8 | 4.8 | 5.4 | 6.0 | 6.6 | 7.2 |



REPORT NUMBER: P701718 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680R-57-70-5S-VHE-S

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|
| 90° | 263.7 | 253.5 | 243.9 | 234.3 | 226.5 | 218.6 | 210.2 | 201.8 | 188.0 | 174.2 | 155.0 |
| 87.5° | 7.6 | 8.0 | 8.5 | 9.1 | 9.0 | 9.0 | 9.6 | 10.1 | 10.3 | 10.4 | 10.9 |
| 85° | 8.2 | 8.8 | 9.1 | 9.6 | 9.7 | 9.6 | 10.1 | 10.6 | 11.0 | 11.3 | 11.7 |
| 82.5° | 9.1 | 9.5 | 9.5 | 9.7 | 10.4 | 10.8 | 10.9 | 11.2 | 11.7 | 12.1 | 12.4 |
| 80° | 9.1 | 9.7 | 9.9 | 10.1 | 11.1 | 12.0 | 11.7 | 11.8 | 12.5 | 12.9 | 13.1 |
| 77.5° | 9.6 | 10.0 | 10.4 | 10.8 | 11.4 | 12.1 | 12.2 | 12.4 | 13.2 | 13.8 | 13.9 |
| 75° | 10.5 | 10.6 | 10.7 | 11.1 | 11.8 | 12.2 | 12.6 | 13.0 | 13.9 | 14.6 | 14.6 |
| 72.5° | 11.4 | 11.3 | 11.1 | 11.4 | 12.3 | 13.0 | 13.3 | 13.6 | 14.4 | 15.2 | 15.4 |
| 70° | 12.8 | 12.2 | 11.8 | 12.2 | 13.0 | 13.8 | 14.3 | 14.7 | 15.0 | 15.9 | 16.3 |
| 67.5° | 14.4 | 13.7 | 12.9 | 13.2 | 13.9 | 15.0 | 15.5 | 16.0 | 16.4 | 16.7 | 17.2 |
| 65° | 19.8 | 17.4 | 14.4 | 15.1 | 15.3 | 16.4 | 17.2 | 17.8 | 17.8 | 18.3 | 18.3 |
| 62.5° | 27.8 | 23.5 | 20.9 | 18.4 | 18.1 | 19.6 | 19.3 | 20.7 | 19.7 | 20.0 | 19.8 |
| 60° | 38.0 | 31.3 | 28.1 | 25.5 | 23.9 | 23.8 | 24.5 | 24.1 | 23.8 | 21.9 | 21.7 |
| 57.5° | 47.6 | 38.6 | 37.6 | 34.0 | 33.0 | 31.2 | 31.4 | 30.7 | 28.9 | 27.0 | 23.7 |
| 55° | 56.4 | 48.6 | 48.7 | 46.1 | 45.0 | 41.5 | 41.1 | 39.6 | 35.8 | 33.5 | 26.3 |
| 52.5° | 65.3 | 62.5 | 61.7 | 62.5 | 61.6 | 55.2 | 54.6 | 49.5 | 46.6 | 40.7 | 33.0 |
| 50° | 79.2 | 81.8 | 79.0 | 83.6 | 81.0 | 77.1 | 69.3 | 63.9 | 58.1 | 49.5 | 40.4 |
| 47.5° | 115.0 | 116.9 | 108.0 | 111.5 | 107.3 | 101.6 | 91.3 | 80.1 | 70.3 | 60.8 | 48.0 |
| 45° | 199.7 | 171.8 | 161.0 | 150.6 | 141.3 | 133.7 | 117.3 | 97.2 | 85.9 | 72.2 | 55.6 |
| 42.5° | 316.1 | 278.0 | 247.9 | 196.1 | 192.3 | 171.0 | 146.4 | 123.0 | 102.2 | 84.0 | 65.0 |
| 40° | 498.5 | 427.6 | 362.0 | 304.5 | 255.6 | 212.4 | 185.0 | 151.7 | 119.0 | 97.1 | 75.6 |
| 37.5° | 692.6 | 602.7 | 516.6 | 428.3 | 339.6 | 279.3 | 227.8 | 182.0 | 139.2 | 112.4 | 86.3 |
| 35° | 865.4 | 785.4 | 666.5 | 563.8 | 461.9 | 349.3 | 273.7 | 217.1 | 166.6 | 128.1 | 97.3 |
| 32.5° | 1013.8 | 937.2 | 807.8 | 693.6 | 561.2 | 421.1 | 331.6 | 257.0 | 194.5 | 144.1 | 108.8 |
| 30° | 1133.1 | 1045.9 | 937.3 | 796.7 | 643.8 | 502.3 | 392.0 | 296.1 | 222.9 | 160.5 | 120.9 |
| 27.5° | 1249.5 | 1150.6 | 1051.6 | 891.2 | 720.8 | 571.9 | 442.2 | 334.4 | 251.6 | 178.9 | 134.2 |
| 25° | 1388.8 | 1260.1 | 1151.0 | 994.0 | 796.2 | 628.1 | 487.3 | 372.0 | 282.4 | 200.2 | 146.9 |
| 22.5° | 1562.5 | 1367.7 | 1251.9 | 1102.1 | 882.3 | 683.5 | 531.4 | 411.7 | 308.9 | 220.3 | 159.1 |
| 20° | 1714.4 | 1463.1 | 1348.5 | 1202.5 | 975.7 | 754.3 | 576.8 | 444.9 | 334.0 | 239.1 | 170.7 |
| 17.5° | 1874.5 | 1563.0 | 1410.5 | 1273.9 | 1066.7 | 825.7 | 624.5 | 476.3 | 357.6 | 256.7 | 181.7 |
| 15° | 2089.6 | 1670.9 | 1467.3 | 1335.4 | 1144.5 | 894.3 | 671.0 | 506.0 | 379.6 | 272.9 | 192.4 |
| 12.5° | 2266.2 | 1771.4 | 1523.2 | 1383.8 | 1204.8 | 956.5 | 715.6 | 533.9 | 399.8 | 289.2 | 202.9 |
| 10° | 2436.4 | 1878.7 | 1584.1 | 1429.5 | 1255.6 | 1012.3 | 757.6 | 563.4 | 423.7 | 305.5 | 212.8 |
| 7.5° | 2623.7 | 1979.8 | 1642.8 | 1473.1 | 1298.4 | 1058.7 | 800.8 | 598.6 | 446.9 | 320.5 | 222.0 |
| 5° | 2775.1 | 2069.5 | 1703.2 | 1521.8 | 1339.7 | 1094.4 | 839.9 | 631.8 | 468.3 | 334.2 | 230.5 |
| 2.5° | 2818.8 | 2144.6 | 1762.2 | 1567.8 | 1374.8 | 1122.5 | 874.1 | 662.3 | 487.6 | 346.3 | 238.2 |
| 0° | 2830.3 | 2205.6 | 1815.2 | 1608.6 | 1403.2 | 1143.7 | 903.4 | 689.6 | 504.6 | 356.8 | 245.1 |
| -2.5° | 2890.2 | 2254.9 | 1862.7 | 1667.2 | 1454.0 | 1171.1 | 920.0 | 703.7 | 518.9 | 369.0 | 255.1 |
| -5° | 2923.5 | 2289.5 | 1904.8 | 1719.2 | 1495.6 | 1191.6 | 931.7 | 714.1 | 530.5 | 379.4 | 264.1 |
| -7.5° | 2942.3 | 2314.6 | 1943.0 | 1762.4 | 1526.3 | 1204.5 | 938.2 | 720.8 | 539.2 | 387.8 | 272.1 |
| -10° | 2933.3 | 2326.7 | 1975.7 | 1786.7 | 1540.7 | 1216.8 | 941.6 | 724.0 | 545.1 | 394.2 | 279.1 |
| -12.5° | 2946.7 | 2329.5 | 2001.9 | 1804.6 | 1545.8 | 1228.1 | 953.0 | 729.1 | 548.2 | 398.6 | 284.9 |
| -15° | 2947.1 | 2357.9 | 2044.2 | 1819.5 | 1543.0 | 1231.0 | 957.4 | 731.7 | 549.1 | 401.0 | 289.7 |
| -17.5° | 2880.2 | 2360.2 | 2083.2 | 1840.9 | 1534.2 | 1225.4 | 954.4 | 728.7 | 546.8 | 401.6 | 293.8 |
| -20° | 2860.6 | 2379.8 | 2105.6 | 1851.5 | 1515.0 | 1212.7 | 944.0 | 719.6 | 541.1 | 400.1 | 297.2 |



REPORT NUMBER: P701718 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680R-57-70-5S-VHE-S

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|
| -22.5° | 2833.8 | 2422.6 | 2131.0 | 1828.2 | 1487.5 | 1193.1 | 929.0 | 705.2 | 532.2 | 396.5 | 299.6 |
| -25° | 2750.7 | 2450.0 | 2142.8 | 1801.2 | 1458.0 | 1171.3 | 910.9 | 692.6 | 519.9 | 390.9 | 300.9 |
| -27.5° | 2701.8 | 2436.9 | 2135.7 | 1756.6 | 1426.6 | 1140.4 | 892.1 | 683.4 | 511.6 | 383.2 | 301.1 |
| -30° | 2672.0 | 2396.7 | 2072.4 | 1698.7 | 1380.5 | 1103.3 | 868.2 | 669.0 | 504.9 | 379.9 | 300.2 |
| -32.5° | 2603.1 | 2348.5 | 1977.0 | 1632.8 | 1329.0 | 1059.8 | 839.0 | 649.1 | 494.8 | 379.6 | 299.5 |
| -35° | 2499.4 | 2227.5 | 1863.9 | 1549.6 | 1271.9 | 1021.4 | 806.1 | 623.5 | 481.2 | 377.5 | 298.4 |
| -37.5° | 2378.6 | 2057.7 | 1760.9 | 1461.6 | 1198.3 | 973.9 | 772.5 | 600.4 | 464.1 | 373.4 | 296.6 |
| -40° | 2189.4 | 1891.8 | 1622.4 | 1368.7 | 1125.1 | 915.0 | 733.2 | 578.0 | 453.8 | 367.5 | 293.5 |
| -42.5° | 1992.0 | 1727.9 | 1485.8 | 1258.0 | 1046.8 | 859.1 | 690.2 | 551.8 | 445.2 | 361.7 | 289.2 |
| -45° | 1803.9 | 1563.0 | 1347.5 | 1151.5 | 963.4 | 798.6 | 655.5 | 524.3 | 434.2 | 355.3 | 285.0 |
| -47.5° | 1614.9 | 1409.1 | 1216.9 | 1039.5 | 890.4 | 738.4 | 613.6 | 508.9 | 420.9 | 347.4 | 281.7 |
| -50° | 1442.2 | 1258.8 | 1089.8 | 939.3 | 804.8 | 687.9 | 573.5 | 490.8 | 408.9 | 337.3 | 277.3 |
| -52.5° | 1278.2 | 1115.7 | 970.8 | 839.3 | 733.2 | 633.6 | 546.1 | 468.8 | 394.7 | 328.7 | 271.9 |
| -55° | 1123.3 | 982.3 | 856.6 | 753.2 | 663.3 | 591.7 | 516.0 | 446.8 | 378.4 | 320.3 | 266.0 |
| -57.5° | 982.8 | 854.5 | 762.2 | 675.9 | 606.9 | 549.4 | 486.6 | 422.8 | 365.5 | 310.7 | 263.0 |
| -60° | 848.1 | 759.0 | 677.2 | 614.2 | 558.5 | 508.3 | 456.9 | 399.8 | 352.8 | 301.1 | 258.8 |
| -62.5° | 741.8 | 668.8 | 613.7 | 560.1 | 512.1 | 469.0 | 427.1 | 381.6 | 338.2 | 294.9 | 253.8 |
| -65° | 654.4 | 603.5 | 553.1 | 509.9 | 467.6 | 432.0 | 403.1 | 362.1 | 326.7 | 287.9 | 247.8 |
| -67.5° | 583.0 | 541.0 | 499.4 | 460.4 | 430.7 | 404.5 | 377.4 | 347.0 | 315.9 | 280.2 | 240.7 |
| -70° | 518.8 | 481.4 | 451.3 | 425.6 | 401.1 | 377.8 | 358.7 | 333.4 | 304.4 | 270.7 | 232.9 |
| -72.5° | 466.0 | 441.2 | 416.2 | 393.1 | 376.0 | 358.6 | 341.0 | 319.0 | 291.3 | 260.5 | 224.6 |
| -75° | 426.0 | 406.6 | 387.9 | 370.6 | 354.9 | 339.0 | 322.9 | 303.7 | 277.7 | 249.6 | 214.8 |
| -77.5° | 396.9 | 380.0 | 363.4 | 347.5 | 333.1 | 318.6 | 304.3 | 287.9 | 263.1 | 236.6 | 204.1 |
| -80° | 367.8 | 352.7 | 338.0 | 323.6 | 310.8 | 297.8 | 284.4 | 269.4 | 246.4 | 222.9 | 192.9 |
| -82.5° | 338.4 | 325.0 | 311.8 | 298.5 | 286.5 | 274.4 | 262.6 | 249.8 | 229.3 | 208.7 | 182.4 |
| -85° | 308.1 | 296.1 | 284.1 | 272.0 | 261.5 | 250.8 | 241.6 | 231.8 | 214.7 | 197.4 | 173.6 |
| -87.5° | 283.1 | 272.7 | 262.4 | 252.1 | 243.5 | 234.8 | 226.0 | 216.9 | 201.5 | 186.0 | 164.4 |
| -90° | 7.2 | 7.2 | 7.8 | 8.4 | 8.4 | 8.4 | 9.0 | 9.6 | 9.6 | 9.6 | 10.2 |



REPORT NUMBER: P701718 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680R-57-70-5S-VHE-S

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|-------|-------|-------|-------|------|-------|------|
| 90° | 135.8 | 112.3 | 88.9 | 63.6 | 38.4 | 25.8 | 13.2 |
| 87.5° | 11.4 | 11.3 | 11.2 | 11.2 | 11.1 | 12.3 | 13.2 |
| 85° | 12.0 | 11.8 | 11.6 | 11.6 | 11.4 | 12.5 | 13.2 |
| 82.5° | 12.7 | 12.4 | 12.1 | 12.0 | 11.8 | 12.8 | 13.2 |
| 80° | 13.3 | 12.9 | 12.5 | 12.4 | 12.1 | 13.1 | 13.2 |
| 77.5° | 13.9 | 13.5 | 12.9 | 12.8 | 12.5 | 13.3 | 13.2 |
| 75° | 14.6 | 14.3 | 13.4 | 13.2 | 12.8 | 13.6 | 13.2 |
| 72.5° | 15.3 | 15.1 | 14.3 | 13.6 | 13.2 | 13.9 | 13.2 |
| 70° | 16.1 | 16.0 | 15.1 | 14.0 | 13.6 | 14.2 | 13.2 |
| 67.5° | 17.2 | 16.8 | 16.0 | 14.7 | 14.0 | 14.5 | 13.2 |
| 65° | 18.3 | 17.8 | 16.9 | 15.4 | 14.4 | 14.7 | 13.2 |
| 62.5° | 19.4 | 18.8 | 17.7 | 16.1 | 14.9 | 15.0 | 13.2 |
| 60° | 20.5 | 19.8 | 18.6 | 16.8 | 15.4 | 15.3 | 13.2 |
| 57.5° | 22.8 | 20.8 | 19.8 | 17.5 | 16.1 | 15.6 | 13.2 |
| 55° | 25.4 | 21.9 | 21.1 | 18.2 | 17.0 | 15.9 | 13.2 |
| 52.5° | 28.3 | 23.3 | 22.5 | 18.9 | 17.8 | 16.2 | 13.2 |
| 50° | 31.4 | 26.6 | 24.0 | 19.6 | 18.7 | 16.5 | 13.2 |
| 47.5° | 35.2 | 30.1 | 25.6 | 20.4 | 19.7 | 16.8 | 13.2 |
| 45° | 41.8 | 33.8 | 27.3 | 21.7 | 20.7 | 17.1 | 13.2 |
| 42.5° | 48.5 | 37.6 | 29.1 | 23.1 | 21.8 | 17.4 | 13.2 |
| 40° | 55.6 | 41.7 | 31.7 | 25.1 | 22.9 | 17.7 | 13.2 |
| 37.5° | 63.3 | 45.8 | 34.8 | 27.5 | 24.0 | 18.0 | 13.2 |
| 35° | 71.0 | 51.4 | 38.1 | 30.0 | 25.2 | 18.3 | 13.2 |
| 32.5° | 79.3 | 57.5 | 41.3 | 32.5 | 26.4 | 18.6 | 13.2 |
| 30° | 88.9 | 63.6 | 44.6 | 35.0 | 27.6 | 18.8 | 13.2 |
| 27.5° | 98.4 | 69.6 | 49.0 | 37.6 | 28.9 | 19.1 | 13.2 |
| 25° | 107.6 | 75.5 | 53.4 | 40.2 | 30.2 | 19.4 | 13.2 |
| 22.5° | 116.6 | 81.6 | 57.8 | 42.9 | 31.4 | 19.7 | 13.2 |
| 20° | 125.3 | 88.1 | 62.1 | 45.5 | 32.7 | 19.9 | 13.2 |
| 17.5° | 133.9 | 94.3 | 66.2 | 48.1 | 34.0 | 20.2 | 13.2 |
| 15° | 142.2 | 100.3 | 70.3 | 50.7 | 35.3 | 20.4 | 13.2 |
| 12.5° | 150.1 | 106.0 | 74.2 | 53.3 | 36.5 | 20.6 | 13.2 |
| 10° | 157.5 | 111.4 | 77.9 | 55.8 | 37.7 | 20.9 | 13.2 |
| 7.5° | 164.3 | 116.5 | 81.5 | 58.2 | 38.9 | 21.1 | 13.2 |
| 5° | 170.6 | 121.3 | 85.0 | 60.5 | 40.0 | 21.3 | 13.2 |
| 2.5° | 176.3 | 125.7 | 88.2 | 62.8 | 41.0 | 21.4 | 13.2 |
| 0° | 181.4 | 129.7 | 91.3 | 64.9 | 42.0 | 21.6 | 13.2 |
| -2.5° | 189.1 | 135.6 | 95.5 | 67.8 | 43.8 | 22.4 | 13.2 |
| -5° | 196.2 | 141.2 | 99.6 | 70.5 | 45.5 | 23.2 | 13.2 |
| -7.5° | 202.7 | 146.3 | 103.3 | 73.0 | 47.2 | 24.0 | 13.2 |
| -10° | 208.4 | 150.9 | 106.9 | 75.5 | 48.7 | 24.8 | 13.2 |
| -12.5° | 213.3 | 155.1 | 110.1 | 77.7 | 50.1 | 25.5 | 13.2 |
| -15° | 217.5 | 158.7 | 113.1 | 79.8 | 51.5 | 26.2 | 13.2 |
| -17.5° | 220.8 | 161.8 | 115.7 | 81.7 | 52.7 | 26.9 | 13.2 |
| -20° | 223.9 | 164.3 | 118.1 | 83.4 | 53.8 | 27.5 | 13.2 |



REPORT NUMBER: P701718 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680R-57-70-5S-VHE-S

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|-------|-------|-------|-------|------|-------|------|
| -22.5° | 227.0 | 166.3 | 120.1 | 85.0 | 54.8 | 28.1 | 13.2 |
| -25° | 229.2 | 168.6 | 121.8 | 86.3 | 55.7 | 28.7 | 13.2 |
| -27.5° | 230.5 | 170.8 | 123.1 | 87.4 | 56.5 | 29.2 | 13.2 |
| -30° | 231.0 | 172.5 | 124.2 | 88.4 | 57.1 | 29.7 | 13.2 |
| -32.5° | 230.5 | 173.6 | 126.3 | 89.1 | 57.7 | 30.1 | 13.2 |
| -35° | 230.6 | 174.1 | 128.0 | 89.7 | 58.0 | 30.4 | 13.2 |
| -37.5° | 230.5 | 174.7 | 129.4 | 90.0 | 58.3 | 30.7 | 13.2 |
| -40° | 229.8 | 176.0 | 130.5 | 90.2 | 58.5 | 31.0 | 13.2 |
| -42.5° | 228.5 | 176.8 | 131.4 | 90.4 | 58.5 | 31.2 | 13.2 |
| -45° | 226.5 | 177.3 | 132.1 | 90.9 | 58.3 | 31.4 | 13.2 |
| -47.5° | 223.7 | 177.3 | 132.4 | 91.1 | 58.1 | 31.5 | 13.2 |
| -50° | 222.7 | 176.8 | 132.2 | 91.2 | 57.7 | 31.5 | 13.2 |
| -52.5° | 221.5 | 176.0 | 131.6 | 91.0 | 57.2 | 31.5 | 13.2 |
| -55° | 219.7 | 174.4 | 130.6 | 90.6 | 56.6 | 31.5 | 13.2 |
| -57.5° | 217.3 | 172.3 | 129.1 | 89.9 | 55.8 | 31.4 | 13.2 |
| -60° | 214.3 | 169.7 | 127.3 | 89.0 | 54.9 | 31.2 | 13.2 |
| -62.5° | 210.3 | 166.6 | 125.5 | 87.8 | 54.2 | 31.0 | 13.2 |
| -65° | 205.6 | 163.0 | 123.3 | 86.4 | 53.3 | 30.7 | 13.2 |
| -67.5° | 200.4 | 159.1 | 120.8 | 84.8 | 52.3 | 30.4 | 13.2 |
| -70° | 194.7 | 154.8 | 118.0 | 82.9 | 51.2 | 30.0 | 13.2 |
| -72.5° | 187.9 | 150.0 | 114.8 | 81.1 | 49.9 | 29.6 | 13.2 |
| -75° | 180.3 | 144.7 | 111.4 | 79.1 | 48.5 | 29.2 | 13.2 |
| -77.5° | 172.2 | 138.9 | 108.1 | 77.0 | 47.1 | 28.7 | 13.2 |
| -80° | 163.6 | 133.8 | 104.7 | 74.7 | 45.5 | 28.2 | 13.2 |
| -82.5° | 156.9 | 128.8 | 101.1 | 72.1 | 43.8 | 27.6 | 13.2 |
| -85° | 150.2 | 123.6 | 97.3 | 69.5 | 42.1 | 27.1 | 13.2 |
| -87.5° | 143.1 | 118.1 | 93.2 | 66.6 | 40.3 | 26.4 | 13.2 |
| -90° | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 12.0 | 13.2 |

(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

