

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



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: P687830 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-VN-06-E-PRO-5700K-LAM**

Issue Date: 5/17/2023



Test Information

Test Method: LM-79-08
Report Number: P687830 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-765-34)
Test Lab: INNOVATION CENTER
Issue Date: 5/17/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHESUS
Catalog Number: EPH-VN-06-E-PRO-5700K-LAM
Description: EPHESUS LUMAVISION CCT TUNING FLOOD
3000K AND LAMBERTIAN OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 35250.2 lumens
Efficiency: N/A
Efficacy: 124.3 lumens/watt
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')

NEMA Type: 7H x 7V
Max Intensity: 11445.7 candela
Max Intensity Angle: -22.5°H x 0°V

Beam Angle (50%): 117.5°H x 111.6°V
Beam Lumens: 28848.9 lumens
Beam Efficiency: 81.8%

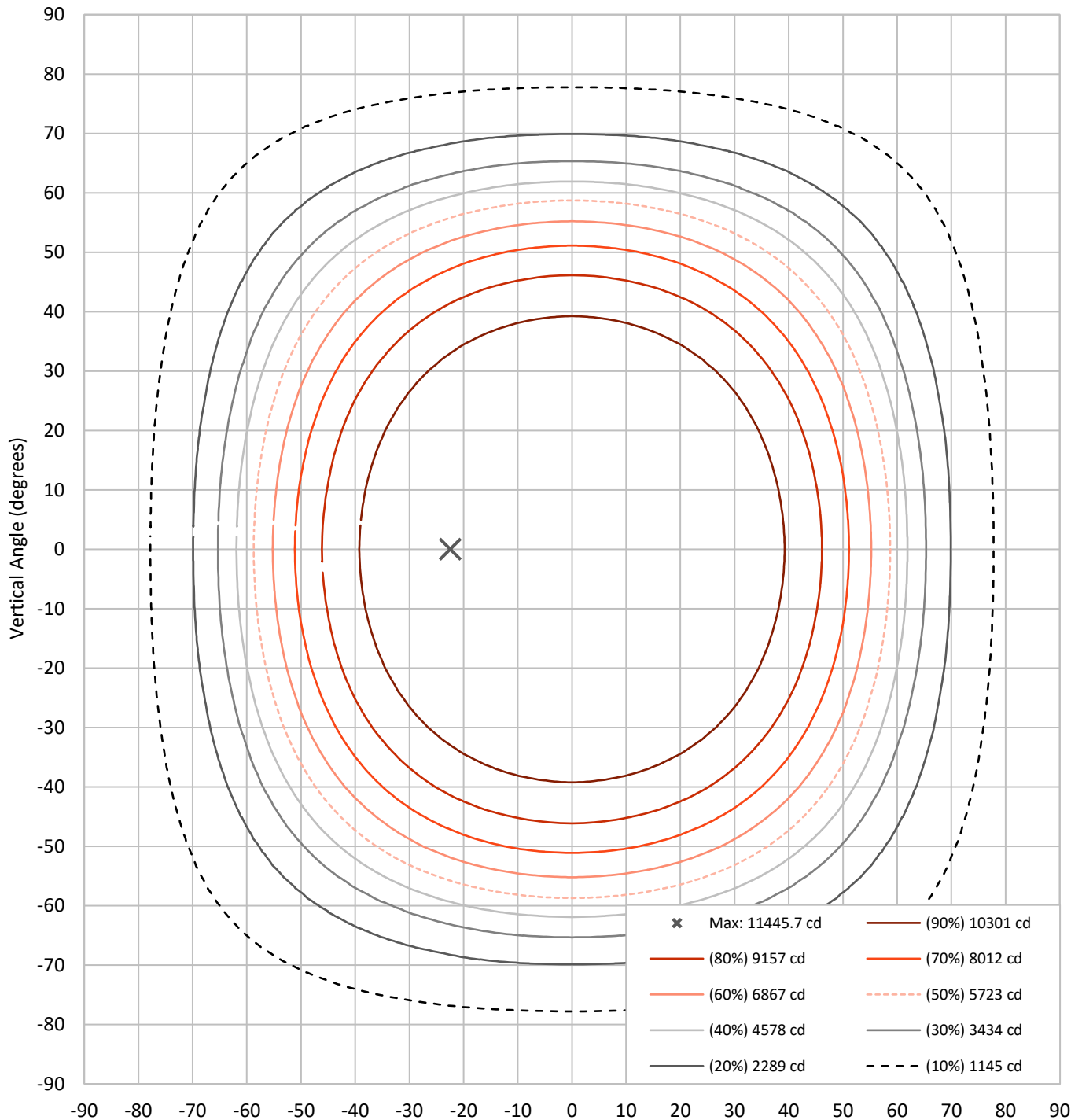
Field Angle (10%): 155.5°H x 153.7°V
Field Lumens: 34574.1 lumens
Field Efficiency: 98.1%

Input Watts (W): 283.5
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

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CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-LAM

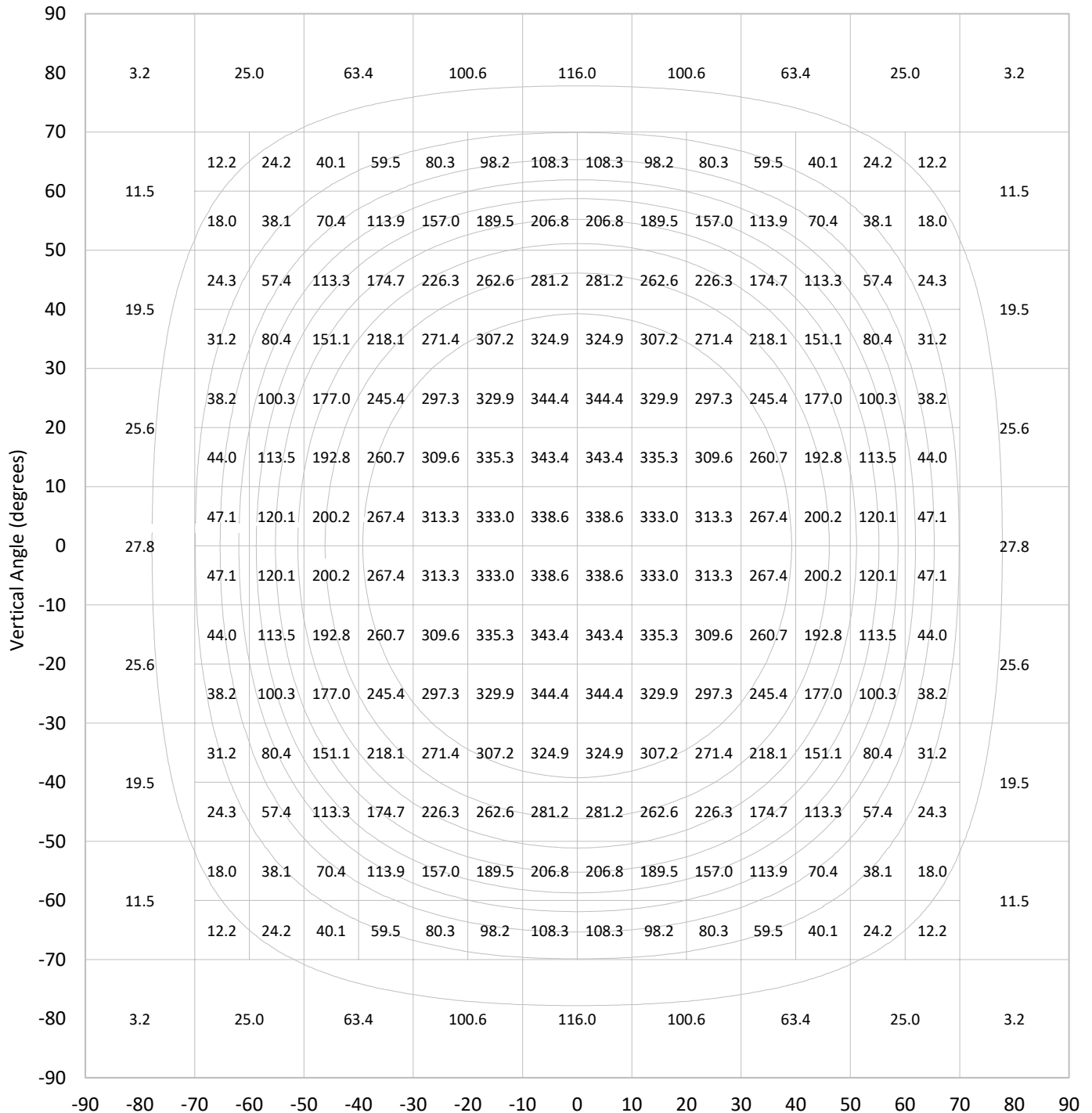
Iso-Candela Plot





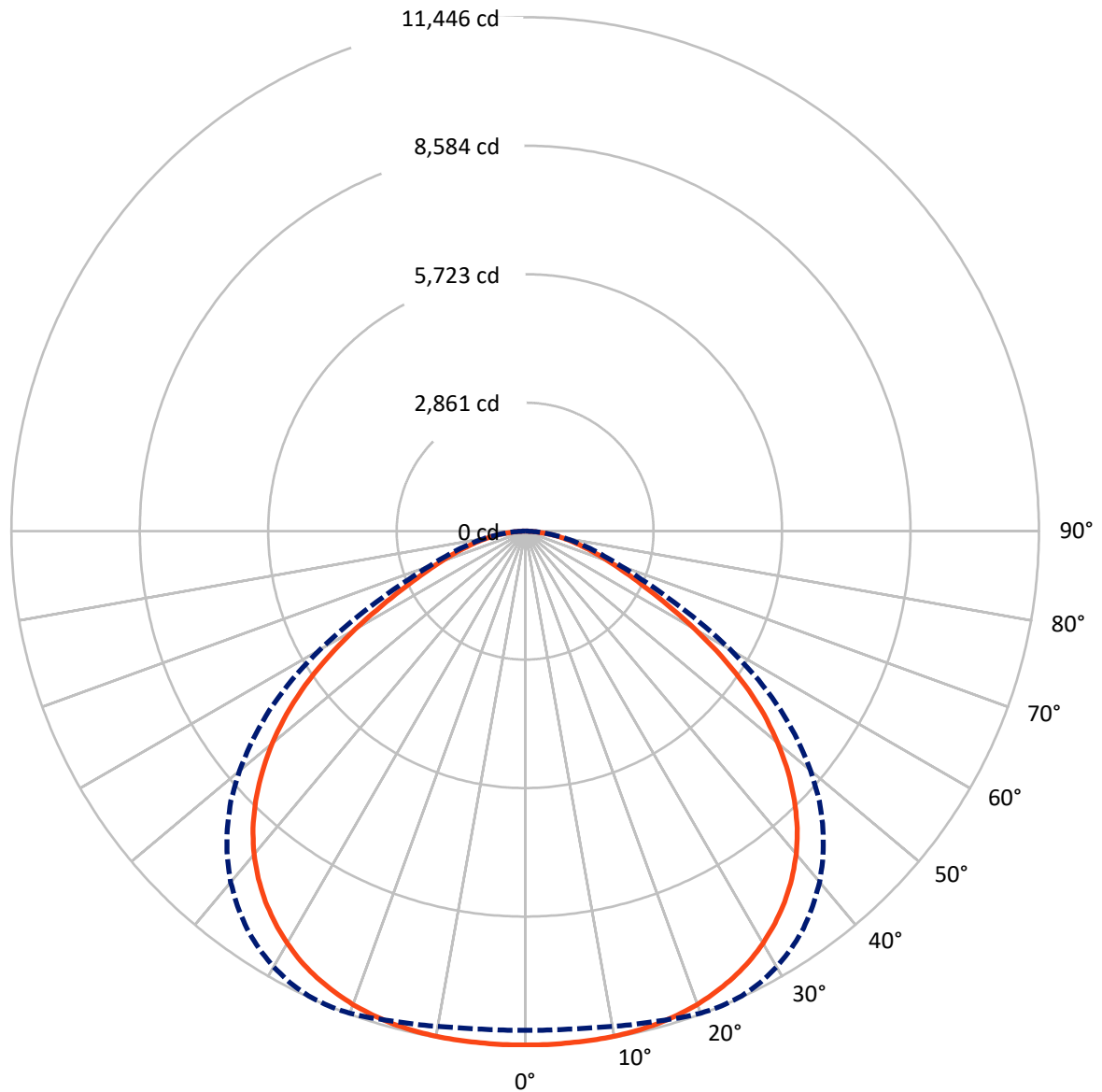
REPORT NUMBER: P687830 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table



REPORT NUMBER: P687830 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-LAM

Luminous Intensity Polar Plot

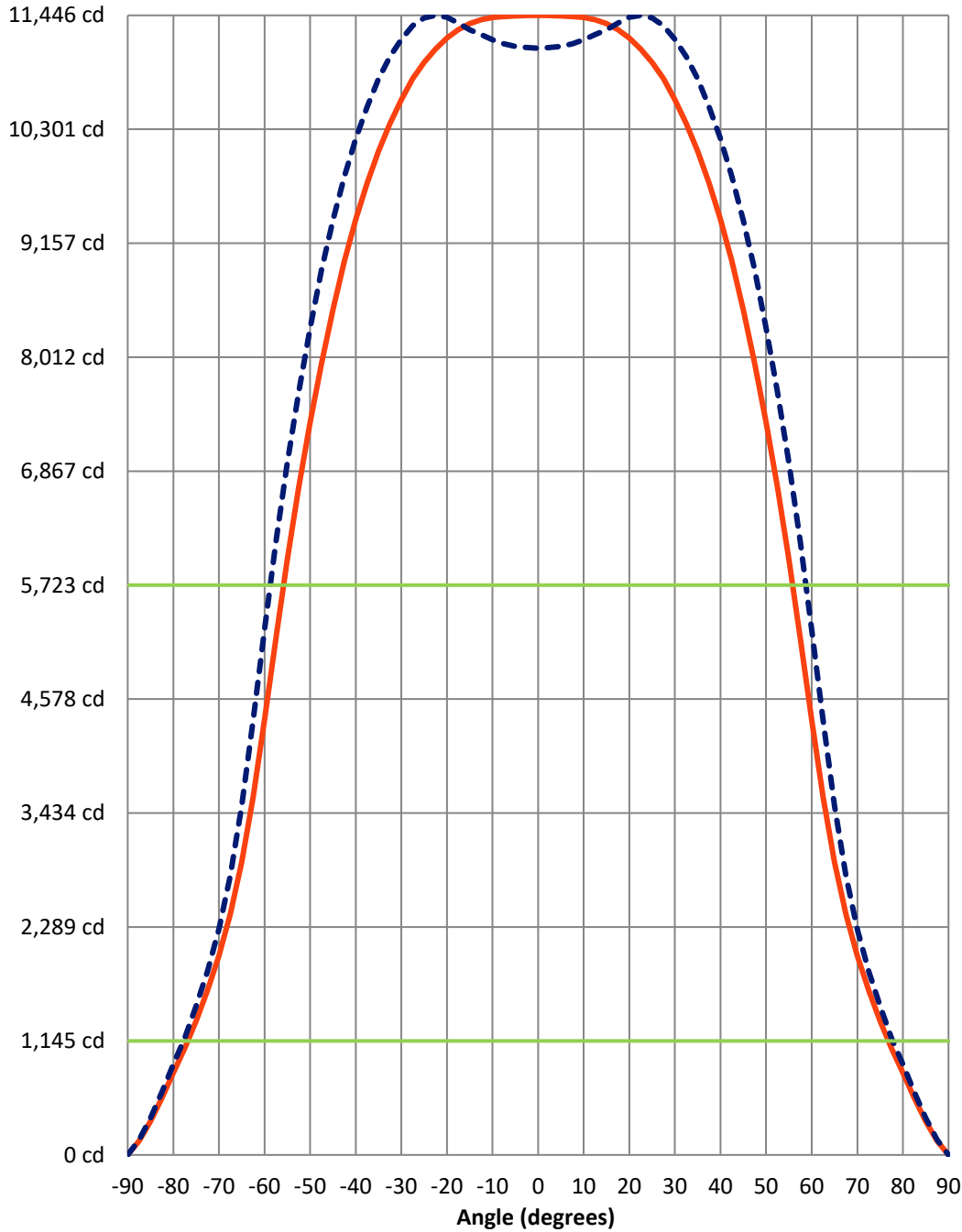


— Vertical Distribution Through -22.5-Deg - - - Horizontal Distribution Through 0-Deg



REPORT NUMBER: P687830 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-LAM

Luminous Intensity Plot



Beam:
 H Angle: 117.5°
 V Angle: 111.6°
 Lumens: 28848.9
 Efficiency: 81.8%

Field:
 H Angle: 155.5°
 V Angle: 153.7°
 Lumens: 34574.1
 Efficiency: 98.1%

Spill:
 Lumens: 676.2
 Efficiency: 1.9%

— Vertical Distribution through -22.5-Deg
 - - - Horizontal Distribution through 0-Deg



REPORT NUMBER: P687830 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-LAM

FIELD
 BEAM

CANDELA DISTRIBUTION:

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|-------|--------|-------|--------|--------|--------|--------|--------|--------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 6.6 | 13.3 | 19.9 | 26.4 | 32.9 | 39.4 | 45.8 | 52.0 | 58.2 | 64.3 |
| 85° | 0.0 | 13.3 | 26.5 | 39.7 | 52.8 | 65.8 | 78.7 | 91.4 | 104.0 | 116.4 | 128.5 |
| 82.5° | 0.0 | 19.9 | 39.7 | 59.4 | 79.1 | 98.6 | 117.9 | 136.9 | 157.3 | 184.0 | 210.2 |
| 80° | 0.0 | 26.4 | 52.8 | 79.1 | 105.2 | 131.1 | 158.8 | 195.4 | 231.4 | 266.9 | 301.8 |
| 77.5° | 0.0 | 32.9 | 65.8 | 98.6 | 131.1 | 168.4 | 214.5 | 260.0 | 305.0 | 349.3 | 396.9 |
| 75° | 0.0 | 39.4 | 78.7 | 117.9 | 158.8 | 214.5 | 269.6 | 324.1 | 379.3 | 442.2 | 504.1 |
| 72.5° | 0.0 | 45.8 | 91.4 | 136.9 | 195.4 | 260.0 | 324.1 | 390.6 | 465.0 | 538.2 | 610.2 |
| 70° | 0.0 | 52.0 | 104.0 | 157.3 | 231.4 | 305.0 | 379.3 | 465.0 | 549.6 | 633.2 | 721.2 |
| 67.5° | 0.0 | 58.2 | 116.4 | 184.0 | 266.9 | 349.3 | 442.2 | 538.2 | 633.2 | 733.5 | 832.2 |
| 65° | 0.0 | 64.3 | 128.5 | 210.2 | 301.8 | 396.9 | 504.1 | 610.2 | 721.2 | 832.2 | 939.7 |
| 62.5° | 0.0 | 70.3 | 140.4 | 235.8 | 336.0 | 447.6 | 564.8 | 684.5 | 807.6 | 928.0 | 1041.4 |
| 60° | 0.0 | 76.1 | 152.1 | 260.9 | 369.4 | 497.1 | 624.2 | 758.7 | 892.2 | 1018.0 | 1141.1 |
| 57.5° | 0.0 | 81.8 | 168.3 | 285.4 | 407.8 | 545.5 | 685.9 | 831.1 | 971.4 | 1105.9 | 1253.5 |
| 55° | 0.0 | 87.3 | 184.2 | 309.2 | 445.5 | 592.6 | 746.4 | 901.7 | 1047.7 | 1196.0 | 1370.2 |
| 52.5° | 0.0 | 92.6 | 199.6 | 332.4 | 482.1 | 638.8 | 805.2 | 967.1 | 1121.9 | 1298.3 | 1483.9 |
| 50° | 0.0 | 97.8 | 214.5 | 354.7 | 517.5 | 686.3 | 862.1 | 1030.0 | 1198.6 | 1397.5 | 1602.1 |
| 47.5° | 0.0 | 102.8 | 228.9 | 377.2 | 551.6 | 732.0 | 916.7 | 1090.7 | 1283.9 | 1493.5 | 1717.5 |
| 45° | 0.0 | 107.6 | 242.7 | 401.8 | 584.5 | 776.1 | 966.8 | 1149.3 | 1366.0 | 1593.3 | 1828.8 |
| 42.5° | 0.0 | 112.2 | 255.9 | 425.4 | 615.9 | 818.2 | 1014.8 | 1212.7 | 1444.8 | 1689.4 | 1955.3 |
| 40° | 0.0 | 116.6 | 268.5 | 447.8 | 647.0 | 858.5 | 1060.6 | 1278.4 | 1522.1 | 1781.3 | 2079.7 |
| 37.5° | 0.0 | 120.7 | 280.5 | 469.2 | 677.5 | 896.8 | 1104.2 | 1341.0 | 1599.5 | 1874.0 | 2198.2 |
| 35° | 0.0 | 124.7 | 291.8 | 489.3 | 706.4 | 931.7 | 1145.4 | 1400.1 | 1672.9 | 1974.6 | 2322.4 |
| 32.5° | 0.0 | 128.4 | 302.4 | 508.3 | 733.5 | 963.9 | 1186.8 | 1455.8 | 1742.0 | 2069.5 | 2457.3 |
| 30° | 0.0 | 131.8 | 312.3 | 526.0 | 758.9 | 994.0 | 1231.3 | 1508.9 | 1806.7 | 2158.4 | 2583.8 |
| 27.5° | 0.0 | 135.0 | 321.5 | 542.4 | 782.4 | 1021.9 | 1272.5 | 1561.2 | 1871.7 | 2241.0 | 2701.5 |
| 25° | 0.0 | 137.9 | 330.0 | 557.5 | 804.0 | 1047.6 | 1310.5 | 1609.4 | 1938.9 | 2330.8 | 2811.6 |
| 22.5° | 0.0 | 140.6 | 337.7 | 571.3 | 823.8 | 1071.1 | 1345.2 | 1653.3 | 2000.3 | 2419.3 | 2941.1 |
| 20° | 0.0 | 143.0 | 344.6 | 583.7 | 841.5 | 1092.2 | 1376.4 | 1692.9 | 2055.6 | 2499.2 | 3057.9 |
| 17.5° | 0.0 | 145.2 | 350.8 | 594.6 | 857.3 | 1110.9 | 1404.1 | 1728.1 | 2104.7 | 2570.2 | 3161.9 |
| 15° | 0.0 | 147.0 | 356.1 | 604.2 | 871.0 | 1127.2 | 1428.2 | 1758.8 | 2147.6 | 2632.1 | 3252.7 |
| 12.5° | 0.0 | 148.6 | 360.7 | 612.3 | 882.6 | 1141.1 | 1448.7 | 1784.8 | 2184.1 | 2684.9 | 3329.9 |
| 10° | 0.0 | 149.9 | 364.4 | 619.0 | 892.2 | 1152.5 | 1465.6 | 1806.2 | 2214.0 | 2728.2 | 3393.5 |
| 7.5° | 0.0 | 150.9 | 367.3 | 624.2 | 899.7 | 1161.3 | 1478.7 | 1822.9 | 2237.4 | 2762.0 | 3443.1 |
| 5° | 0.0 | 151.6 | 369.4 | 627.9 | 905.0 | 1167.7 | 1488.2 | 1834.9 | 2254.2 | 2786.3 | 3478.7 |
| 2.5° | 0.0 | 152.1 | 370.7 | 630.2 | 908.2 | 1171.5 | 1493.8 | 1842.1 | 2264.2 | 2800.8 | 3500.1 |
| 0° | 0.0 | 152.2 | 371.1 | 630.9 | 909.3 | 1172.8 | 1495.7 | 1844.5 | 2267.6 | 2805.7 | 3507.2 |
| -2.5° | 0.0 | 152.1 | 370.7 | 630.2 | 908.2 | 1171.5 | 1493.8 | 1842.1 | 2264.2 | 2800.8 | 3500.1 |
| -5° | 0.0 | 151.6 | 369.4 | 627.9 | 905.0 | 1167.7 | 1488.2 | 1834.9 | 2254.2 | 2786.3 | 3478.7 |
| -7.5° | 0.0 | 150.9 | 367.3 | 624.2 | 899.7 | 1161.3 | 1478.7 | 1822.9 | 2237.4 | 2762.0 | 3443.1 |
| -10° | 0.0 | 149.9 | 364.4 | 619.0 | 892.2 | 1152.5 | 1465.6 | 1806.2 | 2214.0 | 2728.2 | 3393.5 |
| -12.5° | 0.0 | 148.6 | 360.7 | 612.3 | 882.6 | 1141.1 | 1448.7 | 1784.8 | 2184.1 | 2684.9 | 3329.9 |
| -15° | 0.0 | 147.0 | 356.1 | 604.2 | 871.0 | 1127.2 | 1428.2 | 1758.8 | 2147.6 | 2632.1 | 3252.7 |



REPORT NUMBER: P687830 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-LAM

CANDELA DISTRIBUTION (continued):

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|-------|--------|-------|--------|--------|--------|--------|--------|--------|
| -22.5° | 0.0 | 140.6 | 337.7 | 571.3 | 823.8 | 1071.1 | 1345.2 | 1653.3 | 2000.3 | 2419.3 | 2941.1 |
| -25° | 0.0 | 137.9 | 330.0 | 557.5 | 804.0 | 1047.6 | 1310.5 | 1609.4 | 1938.9 | 2330.8 | 2811.6 |
| -27.5° | 0.0 | 135.0 | 321.5 | 542.4 | 782.4 | 1021.9 | 1272.5 | 1561.2 | 1871.7 | 2241.0 | 2701.5 |
| -30° | 0.0 | 131.8 | 312.3 | 526.0 | 758.9 | 994.0 | 1231.3 | 1508.9 | 1806.7 | 2158.4 | 2583.8 |
| -32.5° | 0.0 | 128.4 | 302.4 | 508.3 | 733.5 | 963.9 | 1186.8 | 1455.8 | 1742.0 | 2069.5 | 2457.3 |
| -35° | 0.0 | 124.7 | 291.8 | 489.3 | 706.4 | 931.7 | 1145.4 | 1400.1 | 1672.9 | 1974.6 | 2322.4 |
| -37.5° | 0.0 | 120.7 | 280.5 | 469.2 | 677.5 | 896.8 | 1104.2 | 1341.0 | 1599.5 | 1874.0 | 2198.2 |
| -40° | 0.0 | 116.6 | 268.5 | 447.8 | 647.0 | 858.5 | 1060.6 | 1278.4 | 1522.1 | 1781.3 | 2079.7 |
| -42.5° | 0.0 | 112.2 | 255.9 | 425.4 | 615.9 | 818.2 | 1014.8 | 1212.7 | 1444.8 | 1689.4 | 1955.3 |
| -45° | 0.0 | 107.6 | 242.7 | 401.8 | 584.5 | 776.1 | 966.8 | 1149.3 | 1366.0 | 1593.3 | 1828.8 |
| -47.5° | 0.0 | 102.8 | 228.9 | 377.2 | 551.6 | 732.0 | 916.7 | 1090.7 | 1283.9 | 1493.5 | 1717.5 |
| -50° | 0.0 | 97.8 | 214.5 | 354.7 | 517.5 | 686.3 | 862.1 | 1030.0 | 1198.6 | 1397.5 | 1602.1 |
| -52.5° | 0.0 | 92.6 | 199.6 | 332.4 | 482.1 | 638.8 | 805.2 | 967.1 | 1121.9 | 1298.3 | 1483.9 |
| -55° | 0.0 | 87.3 | 184.2 | 309.2 | 445.5 | 592.6 | 746.4 | 901.7 | 1047.7 | 1196.0 | 1370.2 |
| -57.5° | 0.0 | 81.8 | 168.3 | 285.4 | 407.8 | 545.5 | 685.9 | 831.1 | 971.4 | 1105.9 | 1253.5 |
| -60° | 0.0 | 76.1 | 152.1 | 260.9 | 369.4 | 497.1 | 624.2 | 758.7 | 892.2 | 1018.0 | 1141.1 |
| -62.5° | 0.0 | 70.3 | 140.4 | 235.8 | 336.0 | 447.6 | 564.8 | 684.5 | 807.6 | 928.0 | 1041.4 |
| -65° | 0.0 | 64.3 | 128.5 | 210.2 | 301.8 | 396.9 | 504.1 | 610.2 | 721.2 | 832.2 | 939.7 |
| -67.5° | 0.0 | 58.2 | 116.4 | 184.0 | 266.9 | 349.3 | 442.2 | 538.2 | 633.2 | 733.5 | 832.2 |
| -70° | 0.0 | 52.0 | 104.0 | 157.3 | 231.4 | 305.0 | 379.3 | 465.0 | 549.6 | 633.2 | 721.2 |
| -72.5° | 0.0 | 45.8 | 91.4 | 136.9 | 195.4 | 260.0 | 324.1 | 390.6 | 465.0 | 538.2 | 610.2 |
| -75° | 0.0 | 39.4 | 78.7 | 117.9 | 158.8 | 214.5 | 269.6 | 324.1 | 379.3 | 442.2 | 504.1 |
| -77.5° | 0.0 | 32.9 | 65.8 | 98.6 | 131.1 | 168.4 | 214.5 | 260.0 | 305.0 | 349.3 | 396.9 |
| -80° | 0.0 | 26.4 | 52.8 | 79.1 | 105.2 | 131.1 | 158.8 | 195.4 | 231.4 | 266.9 | 301.8 |
| -82.5° | 0.0 | 19.9 | 39.7 | 59.4 | 79.1 | 98.6 | 117.9 | 136.9 | 157.3 | 184.0 | 210.2 |
| -85° | 0.0 | 13.3 | 26.5 | 39.7 | 52.8 | 65.8 | 78.7 | 91.4 | 104.0 | 116.4 | 128.5 |
| -87.5° | 0.0 | 6.6 | 13.3 | 19.9 | 26.4 | 32.9 | 39.4 | 45.8 | 52.0 | 58.2 | 64.3 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P687830 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-LAM

CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 70.3 | 76.1 | 81.8 | 87.3 | 92.6 | 97.8 | 102.8 | 107.6 | 112.2 | 116.6 | 120.7 |
| 85° | 140.4 | 152.1 | 168.3 | 184.2 | 199.6 | 214.5 | 228.9 | 242.7 | 255.9 | 268.5 | 280.5 |
| 82.5° | 235.8 | 260.9 | 285.4 | 309.2 | 332.4 | 354.7 | 377.2 | 401.8 | 425.4 | 447.8 | 469.2 |
| 80° | 336.0 | 369.4 | 407.8 | 445.5 | 482.1 | 517.5 | 551.6 | 584.5 | 615.9 | 647.0 | 677.5 |
| 77.5° | 447.6 | 497.1 | 545.5 | 592.6 | 638.8 | 686.3 | 732.0 | 776.1 | 818.2 | 858.5 | 896.8 |
| 75° | 564.8 | 624.2 | 685.9 | 746.4 | 805.2 | 862.1 | 916.7 | 966.8 | 1014.8 | 1060.6 | 1104.2 |
| 72.5° | 684.5 | 758.7 | 831.1 | 901.7 | 967.1 | 1030.0 | 1090.7 | 1149.3 | 1212.7 | 1278.4 | 1341.0 |
| 70° | 807.6 | 892.2 | 971.4 | 1047.7 | 1121.9 | 1198.6 | 1283.9 | 1366.0 | 1444.8 | 1522.1 | 1599.5 |
| 67.5° | 928.0 | 1018.0 | 1105.9 | 1196.0 | 1298.3 | 1397.5 | 1493.5 | 1593.3 | 1689.4 | 1781.3 | 1874.0 |
| 65° | 1041.4 | 1141.1 | 1253.5 | 1370.2 | 1483.9 | 1602.1 | 1717.5 | 1828.8 | 1955.3 | 2079.7 | 2198.2 |
| 62.5° | 1152.8 | 1282.4 | 1413.7 | 1545.6 | 1680.6 | 1811.8 | 1959.1 | 2108.0 | 2251.3 | 2421.5 | 2588.2 |
| 60° | 1282.4 | 1428.2 | 1577.2 | 1728.1 | 1881.9 | 2055.6 | 2224.0 | 2419.3 | 2618.8 | 2811.6 | 3050.0 |
| 57.5° | 1413.7 | 1577.2 | 1744.0 | 1920.6 | 2113.9 | 2311.6 | 2544.0 | 2768.9 | 3040.6 | 3312.2 | 3586.4 |
| 55° | 1545.6 | 1728.1 | 1920.6 | 2133.5 | 2361.6 | 2619.5 | 2889.7 | 3206.2 | 3513.0 | 3872.3 | 4216.4 |
| 52.5° | 1680.6 | 1881.9 | 2113.9 | 2361.6 | 2644.7 | 2956.0 | 3306.5 | 3677.5 | 4079.3 | 4472.5 | 4866.1 |
| 50° | 1811.8 | 2055.6 | 2311.6 | 2619.5 | 2956.0 | 3340.1 | 3760.4 | 4204.7 | 4651.3 | 5091.5 | 5507.3 |
| 47.5° | 1959.1 | 2224.0 | 2544.0 | 2889.7 | 3306.5 | 3760.4 | 4246.7 | 4741.4 | 5228.0 | 5686.1 | 6125.5 |
| 45° | 2108.0 | 2419.3 | 2768.9 | 3206.2 | 3677.5 | 4204.7 | 4741.4 | 5273.8 | 5776.1 | 6251.7 | 6673.0 |
| 42.5° | 2251.3 | 2618.8 | 3040.6 | 3513.0 | 4079.3 | 4651.3 | 5228.0 | 5776.1 | 6292.9 | 6756.7 | 7177.4 |
| 40° | 2421.5 | 2811.6 | 3312.2 | 3872.3 | 4472.5 | 5091.5 | 5686.1 | 6251.7 | 6756.7 | 7215.5 | 7639.3 |
| 37.5° | 2588.2 | 3050.0 | 3586.4 | 4216.4 | 4866.1 | 5507.3 | 6125.5 | 6673.0 | 7177.4 | 7639.3 | 8047.0 |
| 35° | 2746.5 | 3276.6 | 3888.6 | 4555.2 | 5241.8 | 5899.9 | 6507.0 | 7063.6 | 7561.7 | 8011.1 | 8427.1 |
| 32.5° | 2923.4 | 3490.8 | 4174.6 | 4884.8 | 5589.0 | 6261.4 | 6867.2 | 7407.8 | 7903.8 | 8360.0 | 8770.9 |
| 30° | 3106.2 | 3733.2 | 4448.4 | 5195.2 | 5915.7 | 6578.3 | 7180.5 | 7727.2 | 8220.0 | 8668.3 | 9067.3 |
| 27.5° | 3276.6 | 3962.5 | 4714.7 | 5479.4 | 6215.0 | 6875.5 | 7466.3 | 8005.5 | 8499.7 | 8949.0 | 9331.3 |
| 25° | 3434.0 | 4174.6 | 4961.3 | 5740.6 | 6470.2 | 7130.2 | 7725.7 | 8265.1 | 8754.5 | 9180.9 | 9556.5 |
| 22.5° | 3593.6 | 4369.0 | 5187.3 | 5980.4 | 6704.6 | 7357.1 | 7948.0 | 8487.4 | 8974.9 | 9394.8 | 9759.9 |
| 20° | 3752.5 | 4555.2 | 5388.4 | 6193.5 | 6917.4 | 7563.3 | 8150.3 | 8687.1 | 9157.8 | 9568.4 | 9931.3 |
| 17.5° | 3894.0 | 4721.1 | 5565.6 | 6367.9 | 7090.7 | 7739.6 | 8329.1 | 8866.6 | 9322.4 | 9725.0 | 10078.9 |
| 15° | 4017.6 | 4866.1 | 5720.6 | 6520.6 | 7239.5 | 7886.3 | 8474.8 | 9003.9 | 9457.8 | 9858.4 | 10209.2 |
| 12.5° | 4122.8 | 4989.7 | 5852.8 | 6650.9 | 7366.7 | 8011.9 | 8599.5 | 9118.8 | 9567.7 | 9962.6 | 10303.7 |
| 10° | 4209.4 | 5091.5 | 5961.8 | 6758.4 | 7471.6 | 8115.6 | 8702.7 | 9214.0 | 9658.9 | 10049.1 | 10382.3 |
| 7.5° | 4277.1 | 5171.0 | 6047.0 | 6842.5 | 7553.7 | 8196.9 | 8783.6 | 9288.8 | 9730.6 | 10117.3 | 10444.3 |
| 5° | 4325.6 | 5228.0 | 6108.1 | 6902.8 | 7612.7 | 8255.3 | 8841.8 | 9342.6 | 9782.2 | 10166.5 | 10489.1 |
| 2.5° | 4354.8 | 5262.4 | 6144.8 | 6939.2 | 7648.2 | 8290.5 | 8876.9 | 9375.1 | 9813.4 | 10196.2 | 10516.2 |
| 0° | 4364.5 | 5273.8 | 6157.1 | 6951.3 | 7660.1 | 8302.2 | 8888.6 | 9385.9 | 9823.8 | 10206.1 | 10525.3 |
| -2.5° | 4354.8 | 5262.4 | 6144.8 | 6939.2 | 7648.2 | 8290.5 | 8876.9 | 9375.1 | 9813.4 | 10196.2 | 10516.2 |
| -5° | 4325.6 | 5228.0 | 6108.1 | 6902.8 | 7612.7 | 8255.3 | 8841.8 | 9342.6 | 9782.2 | 10166.5 | 10489.1 |
| -7.5° | 4277.1 | 5171.0 | 6047.0 | 6842.5 | 7553.7 | 8196.9 | 8783.6 | 9288.8 | 9730.6 | 10117.3 | 10444.3 |
| -10° | 4209.4 | 5091.5 | 5961.8 | 6758.4 | 7471.6 | 8115.6 | 8702.7 | 9214.0 | 9658.9 | 10049.1 | 10382.3 |
| -12.5° | 4122.8 | 4989.7 | 5852.8 | 6650.9 | 7366.7 | 8011.9 | 8599.5 | 9118.8 | 9567.7 | 9962.6 | 10303.7 |
| -15° | 4017.6 | 4866.1 | 5720.6 | 6520.6 | 7239.5 | 7886.3 | 8474.8 | 9003.9 | 9457.8 | 9858.4 | 10209.2 |



REPORT NUMBER: P687830 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-LAM

CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 3593.6 | 4369.0 | 5187.3 | 5980.4 | 6704.6 | 7357.1 | 7948.0 | 8487.4 | 8974.9 | 9394.8 | 9759.9 |
| -25° | 3434.0 | 4174.6 | 4961.3 | 5740.6 | 6470.2 | 7130.2 | 7725.7 | 8265.1 | 8754.5 | 9180.9 | 9556.5 |
| -27.5° | 3276.6 | 3962.5 | 4714.7 | 5479.4 | 6215.0 | 6875.5 | 7466.3 | 8005.5 | 8499.7 | 8949.0 | 9331.3 |
| -30° | 3106.2 | 3733.2 | 4448.4 | 5195.2 | 5915.7 | 6578.3 | 7180.5 | 7727.2 | 8220.0 | 8668.3 | 9067.3 |
| -32.5° | 2923.4 | 3490.8 | 4174.6 | 4884.8 | 5589.0 | 6261.4 | 6867.2 | 7407.8 | 7903.8 | 8360.0 | 8770.9 |
| -35° | 2746.5 | 3276.6 | 3888.6 | 4555.2 | 5241.8 | 5899.9 | 6507.0 | 7063.6 | 7561.7 | 8011.1 | 8427.1 |
| -37.5° | 2588.2 | 3050.0 | 3586.4 | 4216.4 | 4866.1 | 5507.3 | 6125.5 | 6673.0 | 7177.4 | 7639.3 | 8047.0 |
| -40° | 2421.5 | 2811.6 | 3312.2 | 3872.3 | 4472.5 | 5091.5 | 5686.1 | 6251.7 | 6756.7 | 7215.5 | 7639.3 |
| -42.5° | 2251.3 | 2618.8 | 3040.6 | 3513.0 | 4079.3 | 4651.3 | 5228.0 | 5776.1 | 6292.9 | 6756.7 | 7177.4 |
| -45° | 2108.0 | 2419.3 | 2768.9 | 3206.2 | 3677.5 | 4204.7 | 4741.4 | 5273.8 | 5776.1 | 6251.7 | 6673.0 |
| -47.5° | 1959.1 | 2224.0 | 2544.0 | 2889.7 | 3306.5 | 3760.4 | 4246.7 | 4741.4 | 5228.0 | 5686.1 | 6125.5 |
| -50° | 1811.8 | 2055.6 | 2311.6 | 2619.5 | 2956.0 | 3340.1 | 3760.4 | 4204.7 | 4651.3 | 5091.5 | 5507.3 |
| -52.5° | 1680.6 | 1881.9 | 2113.9 | 2361.6 | 2644.7 | 2956.0 | 3306.5 | 3677.5 | 4079.3 | 4472.5 | 4866.1 |
| -55° | 1545.6 | 1728.1 | 1920.6 | 2133.5 | 2361.6 | 2619.5 | 2889.7 | 3206.2 | 3513.0 | 3872.3 | 4216.4 |
| -57.5° | 1413.7 | 1577.2 | 1744.0 | 1920.6 | 2113.9 | 2311.6 | 2544.0 | 2768.9 | 3040.6 | 3312.2 | 3586.4 |
| -60° | 1282.4 | 1428.2 | 1577.2 | 1728.1 | 1881.9 | 2055.6 | 2224.0 | 2419.3 | 2618.8 | 2811.6 | 3050.0 |
| -62.5° | 1152.8 | 1282.4 | 1413.7 | 1545.6 | 1680.6 | 1811.8 | 1959.1 | 2108.0 | 2251.3 | 2421.5 | 2588.2 |
| -65° | 1041.4 | 1141.1 | 1253.5 | 1370.2 | 1483.9 | 1602.1 | 1717.5 | 1828.8 | 1955.3 | 2079.7 | 2198.2 |
| -67.5° | 928.0 | 1018.0 | 1105.9 | 1196.0 | 1298.3 | 1397.5 | 1493.5 | 1593.3 | 1689.4 | 1781.3 | 1874.0 |
| -70° | 807.6 | 892.2 | 971.4 | 1047.7 | 1121.9 | 1198.6 | 1283.9 | 1366.0 | 1444.8 | 1522.1 | 1599.5 |
| -72.5° | 684.5 | 758.7 | 831.1 | 901.7 | 967.1 | 1030.0 | 1090.7 | 1149.3 | 1212.7 | 1278.4 | 1341.0 |
| -75° | 564.8 | 624.2 | 685.9 | 746.4 | 805.2 | 862.1 | 916.7 | 966.8 | 1014.8 | 1060.6 | 1104.2 |
| -77.5° | 447.6 | 497.1 | 545.5 | 592.6 | 638.8 | 686.3 | 732.0 | 776.1 | 818.2 | 858.5 | 896.8 |
| -80° | 336.0 | 369.4 | 407.8 | 445.5 | 482.1 | 517.5 | 551.6 | 584.5 | 615.9 | 647.0 | 677.5 |
| -82.5° | 235.8 | 260.9 | 285.4 | 309.2 | 332.4 | 354.7 | 377.2 | 401.8 | 425.4 | 447.8 | 469.2 |
| -85° | 140.4 | 152.1 | 168.3 | 184.2 | 199.6 | 214.5 | 228.9 | 242.7 | 255.9 | 268.5 | 280.5 |
| -87.5° | 70.3 | 76.1 | 81.8 | 87.3 | 92.6 | 97.8 | 102.8 | 107.6 | 112.2 | 116.6 | 120.7 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P687830 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-LAM

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 124.7 | 128.4 | 131.8 | 135.0 | 137.9 | 140.6 | 143.0 | 145.2 | 147.0 | 148.6 | 149.9 |
| 85° | 291.8 | 302.4 | 312.3 | 321.5 | 330.0 | 337.7 | 344.6 | 350.8 | 356.1 | 360.7 | 364.4 |
| 82.5° | 489.3 | 508.3 | 526.0 | 542.4 | 557.5 | 571.3 | 583.7 | 594.6 | 604.2 | 612.3 | 619.0 |
| 80° | 706.4 | 733.5 | 758.9 | 782.4 | 804.0 | 823.8 | 841.5 | 857.3 | 871.0 | 882.6 | 892.2 |
| 77.5° | 931.7 | 963.9 | 994.0 | 1021.9 | 1047.6 | 1071.1 | 1092.2 | 1110.9 | 1127.2 | 1141.1 | 1152.5 |
| 75° | 1145.4 | 1186.8 | 1231.3 | 1272.5 | 1310.5 | 1345.2 | 1376.4 | 1404.1 | 1428.2 | 1448.7 | 1465.6 |
| 72.5° | 1400.1 | 1455.8 | 1508.9 | 1561.2 | 1609.4 | 1653.3 | 1692.9 | 1728.1 | 1758.8 | 1784.8 | 1806.2 |
| 70° | 1672.9 | 1742.0 | 1806.7 | 1871.7 | 1938.9 | 2000.3 | 2055.6 | 2104.7 | 2147.6 | 2184.1 | 2214.0 |
| 67.5° | 1974.6 | 2069.5 | 2158.4 | 2241.0 | 2330.8 | 2419.3 | 2499.2 | 2570.2 | 2632.1 | 2684.9 | 2728.2 |
| 65° | 2322.4 | 2457.3 | 2583.8 | 2701.5 | 2811.6 | 2941.1 | 3057.9 | 3161.9 | 3252.7 | 3329.9 | 3393.5 |
| 62.5° | 2746.5 | 2923.4 | 3106.2 | 3276.6 | 3434.0 | 3593.6 | 3752.5 | 3894.0 | 4017.6 | 4122.8 | 4209.4 |
| 60° | 3276.6 | 3490.8 | 3733.2 | 3962.5 | 4174.6 | 4369.0 | 4555.2 | 4721.1 | 4866.1 | 4989.7 | 5091.5 |
| 57.5° | 3888.6 | 4174.6 | 4448.4 | 4714.7 | 4961.3 | 5187.3 | 5388.4 | 5565.6 | 5720.6 | 5852.8 | 5961.8 |
| 55° | 4555.2 | 4884.8 | 5195.2 | 5479.4 | 5740.6 | 5980.4 | 6193.5 | 6367.9 | 6520.6 | 6650.9 | 6758.4 |
| 52.5° | 5241.8 | 5589.0 | 5915.7 | 6215.0 | 6470.2 | 6704.6 | 6917.4 | 7090.7 | 7239.5 | 7366.7 | 7471.6 |
| 50° | 5899.9 | 6261.4 | 6578.3 | 6875.5 | 7130.2 | 7357.1 | 7563.3 | 7739.6 | 7886.3 | 8011.9 | 8115.6 |
| 47.5° | 6507.0 | 6867.2 | 7180.5 | 7466.3 | 7725.7 | 7948.0 | 8150.3 | 8329.1 | 8474.8 | 8599.5 | 8702.7 |
| 45° | 7063.6 | 7407.8 | 7727.2 | 8005.5 | 8265.1 | 8487.4 | 8687.1 | 8866.6 | 9003.9 | 9118.8 | 9214.0 |
| 42.5° | 7561.7 | 7903.8 | 8220.0 | 8499.7 | 8754.5 | 8974.9 | 9157.8 | 9322.4 | 9457.8 | 9567.7 | 9658.9 |
| 40° | 8011.1 | 8360.0 | 8668.3 | 8949.0 | 9180.9 | 9394.8 | 9568.4 | 9725.0 | 9858.4 | 9962.6 | 10049.1 |
| 37.5° | 8427.1 | 8770.9 | 9067.3 | 9331.3 | 9556.5 | 9759.9 | 9931.3 | 10078.9 | 10209.2 | 10303.7 | 10382.3 |
| 35° | 8805.3 | 9127.0 | 9418.6 | 9666.5 | 9890.6 | 10081.1 | 10248.4 | 10381.6 | 10500.0 | 10593.5 | 10669.2 |
| 32.5° | 9127.0 | 9445.7 | 9722.2 | 9965.4 | 10183.3 | 10357.6 | 10515.4 | 10643.5 | 10756.9 | 10845.3 | 10910.5 |
| 30° | 9418.6 | 9722.2 | 9990.5 | 10230.4 | 10424.4 | 10597.5 | 10747.4 | 10868.3 | 10965.3 | 11045.7 | 11101.5 |
| 27.5° | 9666.5 | 9965.4 | 10230.4 | 10447.0 | 10638.6 | 10810.3 | 10937.5 | 11049.2 | 11131.7 | 11204.1 | 11252.3 |
| 25° | 9890.6 | 10183.3 | 10424.4 | 10638.6 | 10827.3 | 10972.8 | 11092.2 | 11191.1 | 11264.6 | 11326.9 | 11363.4 |
| 22.5° | 10081.1 | 10357.6 | 10597.5 | 10810.3 | 10972.8 | 11106.8 | 11217.9 | 11302.0 | 11362.8 | 11401.6 | 11424.7 |
| 20° | 10248.4 | 10515.4 | 10747.4 | 10937.5 | 11092.2 | 11217.9 | 11314.7 | 11378.0 | 11421.6 | 11435.8 | 11444.0 |
| 17.5° | 10381.6 | 10643.5 | 10868.3 | 11049.2 | 11191.1 | 11302.0 | 11378.0 | 11424.3 | 11441.6 | 11437.5 | 11427.7 |
| 15° | 10500.0 | 10756.9 | 10965.3 | 11131.7 | 11264.6 | 11362.8 | 11421.6 | 11441.6 | 11435.2 | 11413.6 | 11378.7 |
| 12.5° | 10593.5 | 10845.3 | 11045.7 | 11204.1 | 11326.9 | 11401.6 | 11435.8 | 11437.5 | 11413.6 | 11370.2 | 11326.5 |
| 10° | 10669.2 | 10910.5 | 11101.5 | 11252.3 | 11363.4 | 11424.7 | 11444.0 | 11427.7 | 11378.7 | 11326.5 | 11283.7 |
| 7.5° | 10729.0 | 10962.2 | 11145.9 | 11290.8 | 11387.5 | 11433.7 | 11436.8 | 11403.2 | 11347.2 | 11292.2 | 11252.2 |
| 5° | 10772.3 | 10999.7 | 11178.2 | 11318.9 | 11405.2 | 11440.3 | 11431.5 | 11383.8 | 11322.1 | 11271.0 | 11225.0 |
| 2.5° | 10798.5 | 11022.4 | 11197.8 | 11336.0 | 11416.1 | 11444.3 | 11428.2 | 11371.8 | 11306.3 | 11257.4 | 11207.0 |
| 0° | 10807.3 | 11030.0 | 11204.4 | 11341.7 | 11419.7 | 11445.7 | 11427.1 | 11367.7 | 11300.9 | 11252.7 | 11200.7 |
| -2.5° | 10798.5 | 11022.4 | 11197.8 | 11336.0 | 11416.1 | 11444.3 | 11428.2 | 11371.8 | 11306.3 | 11257.4 | 11207.0 |
| -5° | 10772.3 | 10999.7 | 11178.2 | 11318.9 | 11405.2 | 11440.3 | 11431.5 | 11383.8 | 11322.1 | 11271.0 | 11225.0 |
| -7.5° | 10729.0 | 10962.2 | 11145.9 | 11290.8 | 11387.5 | 11433.7 | 11436.8 | 11403.2 | 11347.2 | 11292.2 | 11252.2 |
| -10° | 10669.2 | 10910.5 | 11101.5 | 11252.3 | 11363.4 | 11424.7 | 11444.0 | 11427.7 | 11378.7 | 11326.5 | 11283.7 |
| -12.5° | 10593.5 | 10845.3 | 11045.7 | 11204.1 | 11326.9 | 11401.6 | 11435.8 | 11437.5 | 11413.6 | 11370.2 | 11326.5 |
| -15° | 10500.0 | 10756.9 | 10965.3 | 11131.7 | 11264.6 | 11362.8 | 11421.6 | 11441.6 | 11435.2 | 11413.6 | 11378.7 |



REPORT NUMBER: P687830 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-LAM

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| -22.5° | 10081.1 | 10357.6 | 10597.5 | 10810.3 | 10972.8 | 11106.8 | 11217.9 | 11302.0 | 11362.8 | 11401.6 | 11424.7 |
| -25° | 9890.6 | 10183.3 | 10424.4 | 10638.6 | 10827.3 | 10972.8 | 11092.2 | 11191.1 | 11264.6 | 11326.9 | 11363.4 |
| -27.5° | 9666.5 | 9965.4 | 10230.4 | 10447.0 | 10638.6 | 10810.3 | 10937.5 | 11049.2 | 11131.7 | 11204.1 | 11252.3 |
| -30° | 9418.6 | 9722.2 | 9990.5 | 10230.4 | 10424.4 | 10597.5 | 10747.4 | 10868.3 | 10965.3 | 11045.7 | 11101.5 |
| -32.5° | 9127.0 | 9445.7 | 9722.2 | 9965.4 | 10183.3 | 10357.6 | 10515.4 | 10643.5 | 10756.9 | 10845.3 | 10910.5 |
| -35° | 8805.3 | 9127.0 | 9418.6 | 9666.5 | 9890.6 | 10081.1 | 10248.4 | 10381.6 | 10500.0 | 10593.5 | 10669.2 |
| -37.5° | 8427.1 | 8770.9 | 9067.3 | 9331.3 | 9556.5 | 9759.9 | 9931.3 | 10078.9 | 10209.2 | 10303.7 | 10382.3 |
| -40° | 8011.1 | 8360.0 | 8668.3 | 8949.0 | 9180.9 | 9394.8 | 9568.4 | 9725.0 | 9858.4 | 9962.6 | 10049.1 |
| -42.5° | 7561.7 | 7903.8 | 8220.0 | 8499.7 | 8754.5 | 8974.9 | 9157.8 | 9322.4 | 9457.8 | 9567.7 | 9658.9 |
| -45° | 7063.6 | 7407.8 | 7727.2 | 8005.5 | 8265.1 | 8487.4 | 8687.1 | 8866.6 | 9003.9 | 9118.8 | 9214.0 |
| -47.5° | 6507.0 | 6867.2 | 7180.5 | 7466.3 | 7725.7 | 7948.0 | 8150.3 | 8329.1 | 8474.8 | 8599.5 | 8702.7 |
| -50° | 5899.9 | 6261.4 | 6578.3 | 6875.5 | 7130.2 | 7357.1 | 7563.3 | 7739.6 | 7886.3 | 8011.9 | 8115.6 |
| -52.5° | 5241.8 | 5589.0 | 5915.7 | 6215.0 | 6470.2 | 6704.6 | 6917.4 | 7090.7 | 7239.5 | 7366.7 | 7471.6 |
| -55° | 4555.2 | 4884.8 | 5195.2 | 5479.4 | 5740.6 | 5980.4 | 6193.5 | 6367.9 | 6520.6 | 6650.9 | 6758.4 |
| -57.5° | 3888.6 | 4174.6 | 4448.4 | 4714.7 | 4961.3 | 5187.3 | 5388.4 | 5565.6 | 5720.6 | 5852.8 | 5961.8 |
| -60° | 3276.6 | 3490.8 | 3733.2 | 3962.5 | 4174.6 | 4369.0 | 4555.2 | 4721.1 | 4866.1 | 4989.7 | 5091.5 |
| -62.5° | 2746.5 | 2923.4 | 3106.2 | 3276.6 | 3434.0 | 3593.6 | 3752.5 | 3894.0 | 4017.6 | 4122.8 | 4209.4 |
| -65° | 2322.4 | 2457.3 | 2583.8 | 2701.5 | 2811.6 | 2941.1 | 3057.9 | 3161.9 | 3252.7 | 3329.9 | 3393.5 |
| -67.5° | 1974.6 | 2069.5 | 2158.4 | 2241.0 | 2330.8 | 2419.3 | 2499.2 | 2570.2 | 2632.1 | 2684.9 | 2728.2 |
| -70° | 1672.9 | 1742.0 | 1806.7 | 1871.7 | 1938.9 | 2000.3 | 2055.6 | 2104.7 | 2147.6 | 2184.1 | 2214.0 |
| -72.5° | 1400.1 | 1455.8 | 1508.9 | 1561.2 | 1609.4 | 1653.3 | 1692.9 | 1728.1 | 1758.8 | 1784.8 | 1806.2 |
| -75° | 1145.4 | 1186.8 | 1231.3 | 1272.5 | 1310.5 | 1345.2 | 1376.4 | 1404.1 | 1428.2 | 1448.7 | 1465.6 |
| -77.5° | 931.7 | 963.9 | 994.0 | 1021.9 | 1047.6 | 1071.1 | 1092.2 | 1110.9 | 1127.2 | 1141.1 | 1152.5 |
| -80° | 706.4 | 733.5 | 758.9 | 782.4 | 804.0 | 823.8 | 841.5 | 857.3 | 871.0 | 882.6 | 892.2 |
| -82.5° | 489.3 | 508.3 | 526.0 | 542.4 | 557.5 | 571.3 | 583.7 | 594.6 | 604.2 | 612.3 | 619.0 |
| -85° | 291.8 | 302.4 | 312.3 | 321.5 | 330.0 | 337.7 | 344.6 | 350.8 | 356.1 | 360.7 | 364.4 |
| -87.5° | 124.7 | 128.4 | 131.8 | 135.0 | 137.9 | 140.6 | 143.0 | 145.2 | 147.0 | 148.6 | 149.9 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P687830 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-LAM

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 150.9 | 151.6 | 152.1 | 152.2 | 152.1 | 151.6 | 150.9 | 149.9 | 148.6 | 147.0 | 145.2 |
| 85° | 367.3 | 369.4 | 370.7 | 371.1 | 370.7 | 369.4 | 367.3 | 364.4 | 360.7 | 356.1 | 350.8 |
| 82.5° | 624.2 | 627.9 | 630.2 | 630.9 | 630.2 | 627.9 | 624.2 | 619.0 | 612.3 | 604.2 | 594.6 |
| 80° | 899.7 | 905.0 | 908.2 | 909.3 | 908.2 | 905.0 | 899.7 | 892.2 | 882.6 | 871.0 | 857.3 |
| 77.5° | 1161.3 | 1167.7 | 1171.5 | 1172.8 | 1171.5 | 1167.7 | 1161.3 | 1152.5 | 1141.1 | 1127.2 | 1110.9 |
| 75° | 1478.7 | 1488.2 | 1493.8 | 1495.7 | 1493.8 | 1488.2 | 1478.7 | 1465.6 | 1448.7 | 1428.2 | 1404.1 |
| 72.5° | 1822.9 | 1834.9 | 1842.1 | 1844.5 | 1842.1 | 1834.9 | 1822.9 | 1806.2 | 1784.8 | 1758.8 | 1728.1 |
| 70° | 2237.4 | 2254.2 | 2264.2 | 2267.6 | 2264.2 | 2254.2 | 2237.4 | 2214.0 | 2184.1 | 2147.6 | 2104.7 |
| 67.5° | 2762.0 | 2786.3 | 2800.8 | 2805.7 | 2800.8 | 2786.3 | 2762.0 | 2728.2 | 2684.9 | 2632.1 | 2570.2 |
| 65° | 3443.1 | 3478.7 | 3500.1 | 3507.2 | 3500.1 | 3478.7 | 3443.1 | 3393.5 | 3329.9 | 3252.7 | 3161.9 |
| 62.5° | 4277.1 | 4325.6 | 4354.8 | 4364.5 | 4354.8 | 4325.6 | 4277.1 | 4209.4 | 4122.8 | 4017.6 | 3894.0 |
| 60° | 5171.0 | 5228.0 | 5262.4 | 5273.8 | 5262.4 | 5228.0 | 5171.0 | 5091.5 | 4989.7 | 4866.1 | 4721.1 |
| 57.5° | 6047.0 | 6108.1 | 6144.8 | 6157.1 | 6144.8 | 6108.1 | 6047.0 | 5961.8 | 5852.8 | 5720.6 | 5565.6 |
| 55° | 6842.5 | 6902.8 | 6939.2 | 6951.3 | 6939.2 | 6902.8 | 6842.5 | 6758.4 | 6650.9 | 6520.6 | 6367.9 |
| 52.5° | 7553.7 | 7612.7 | 7648.2 | 7660.1 | 7648.2 | 7612.7 | 7553.7 | 7471.6 | 7366.7 | 7239.5 | 7090.7 |
| 50° | 8196.9 | 8255.3 | 8290.5 | 8302.2 | 8290.5 | 8255.3 | 8196.9 | 8115.6 | 8011.9 | 7886.3 | 7739.6 |
| 47.5° | 8783.6 | 8841.8 | 8876.9 | 8888.6 | 8876.9 | 8841.8 | 8783.6 | 8702.7 | 8599.5 | 8474.8 | 8329.1 |
| 45° | 9288.8 | 9342.6 | 9375.1 | 9385.9 | 9375.1 | 9342.6 | 9288.8 | 9214.0 | 9118.8 | 9003.9 | 8866.6 |
| 42.5° | 9730.6 | 9782.2 | 9813.4 | 9823.8 | 9813.4 | 9782.2 | 9730.6 | 9658.9 | 9567.7 | 9457.8 | 9322.4 |
| 40° | 10117.3 | 10166.5 | 10196.2 | 10206.1 | 10196.2 | 10166.5 | 10117.3 | 10049.1 | 9962.6 | 9858.4 | 9725.0 |
| 37.5° | 10444.3 | 10489.1 | 10516.2 | 10525.3 | 10516.2 | 10489.1 | 10444.3 | 10382.3 | 10303.7 | 10209.2 | 10078.9 |
| 35° | 10729.0 | 10772.3 | 10798.5 | 10807.3 | 10798.5 | 10772.3 | 10729.0 | 10669.2 | 10593.5 | 10500.0 | 10381.6 |
| 32.5° | 10962.2 | 10999.7 | 11022.4 | 11030.0 | 11022.4 | 10999.7 | 10962.2 | 10910.5 | 10845.3 | 10756.9 | 10643.5 |
| 30° | 11145.9 | 11178.2 | 11197.8 | 11204.4 | 11197.8 | 11178.2 | 11145.9 | 11101.5 | 11045.7 | 10965.3 | 10868.3 |
| 27.5° | 11290.8 | 11318.9 | 11336.0 | 11341.7 | 11336.0 | 11318.9 | 11290.8 | 11252.3 | 11204.1 | 11131.7 | 11049.2 |
| 25° | 11387.5 | 11405.2 | 11416.1 | 11419.7 | 11416.1 | 11405.2 | 11387.5 | 11363.4 | 11326.9 | 11264.6 | 11191.1 |
| 22.5° | 11433.7 | 11440.3 | 11444.3 | 11445.7 | 11444.3 | 11440.3 | 11433.7 | 11424.7 | 11401.6 | 11362.8 | 11302.0 |
| 20° | 11436.8 | 11431.5 | 11428.2 | 11427.1 | 11428.2 | 11431.5 | 11436.8 | 11444.0 | 11435.8 | 11421.6 | 11378.0 |
| 17.5° | 11403.2 | 11383.8 | 11371.8 | 11367.7 | 11371.8 | 11383.8 | 11403.2 | 11427.7 | 11437.5 | 11441.6 | 11424.3 |
| 15° | 11347.2 | 11322.1 | 11306.3 | 11300.9 | 11306.3 | 11322.1 | 11347.2 | 11378.7 | 11413.6 | 11435.2 | 11441.6 |
| 12.5° | 11292.2 | 11271.0 | 11257.4 | 11252.7 | 11257.4 | 11271.0 | 11292.2 | 11326.5 | 11370.2 | 11413.6 | 11437.5 |
| 10° | 11252.2 | 11225.0 | 11207.0 | 11200.7 | 11207.0 | 11225.0 | 11252.2 | 11283.7 | 11326.5 | 11378.7 | 11427.7 |
| 7.5° | 11213.0 | 11184.5 | 11166.5 | 11159.9 | 11166.5 | 11184.5 | 11213.0 | 11252.2 | 11292.2 | 11347.2 | 11403.2 |
| 5° | 11184.5 | 11155.4 | 11140.0 | 11133.9 | 11140.0 | 11155.4 | 11184.5 | 11225.0 | 11271.0 | 11322.1 | 11383.8 |
| 2.5° | 11166.5 | 11140.0 | 11127.4 | 11122.8 | 11127.4 | 11140.0 | 11166.5 | 11207.0 | 11257.4 | 11306.3 | 11371.8 |
| 0° | 11159.9 | 11133.9 | 11122.8 | 11115.4 | 11122.8 | 11133.9 | 11159.9 | 11200.7 | 11252.7 | 11300.9 | 11367.7 |
| -2.5° | 11166.5 | 11140.0 | 11127.4 | 11122.8 | 11127.4 | 11140.0 | 11166.5 | 11207.0 | 11257.4 | 11306.3 | 11371.8 |
| -5° | 11184.5 | 11155.4 | 11140.0 | 11133.9 | 11140.0 | 11155.4 | 11184.5 | 11225.0 | 11271.0 | 11322.1 | 11383.8 |
| -7.5° | 11213.0 | 11184.5 | 11166.5 | 11159.9 | 11166.5 | 11184.5 | 11213.0 | 11252.2 | 11292.2 | 11347.2 | 11403.2 |
| -10° | 11252.2 | 11225.0 | 11207.0 | 11200.7 | 11207.0 | 11225.0 | 11252.2 | 11283.7 | 11326.5 | 11378.7 | 11427.7 |
| -12.5° | 11292.2 | 11271.0 | 11257.4 | 11252.7 | 11257.4 | 11271.0 | 11292.2 | 11326.5 | 11370.2 | 11413.6 | 11437.5 |
| -15° | 11347.2 | 11322.1 | 11306.3 | 11300.9 | 11306.3 | 11322.1 | 11347.2 | 11378.7 | 11413.6 | 11435.2 | 11441.6 |



REPORT NUMBER: P687830 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-LAM

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| -22.5° | 11433.7 | 11440.3 | 11444.3 | 11445.7 | 11444.3 | 11440.3 | 11433.7 | 11424.7 | 11401.6 | 11362.8 | 11302.0 |
| -25° | 11387.5 | 11405.2 | 11416.1 | 11419.7 | 11416.1 | 11405.2 | 11387.5 | 11363.4 | 11326.9 | 11264.6 | 11191.1 |
| -27.5° | 11290.8 | 11318.9 | 11336.0 | 11341.7 | 11336.0 | 11318.9 | 11290.8 | 11252.3 | 11204.1 | 11131.7 | 11049.2 |
| -30° | 11145.9 | 11178.2 | 11197.8 | 11204.4 | 11197.8 | 11178.2 | 11145.9 | 11101.5 | 11045.7 | 10965.3 | 10868.3 |
| -32.5° | 10962.2 | 10999.7 | 11022.4 | 11030.0 | 11022.4 | 10999.7 | 10962.2 | 10910.5 | 10845.3 | 10756.9 | 10643.5 |
| -35° | 10729.0 | 10772.3 | 10798.5 | 10807.3 | 10798.5 | 10772.3 | 10729.0 | 10669.2 | 10593.5 | 10500.0 | 10381.6 |
| -37.5° | 10444.3 | 10489.1 | 10516.2 | 10525.3 | 10516.2 | 10489.1 | 10444.3 | 10382.3 | 10303.7 | 10209.2 | 10078.9 |
| -40° | 10117.3 | 10166.5 | 10196.2 | 10206.1 | 10196.2 | 10166.5 | 10117.3 | 10049.1 | 9962.6 | 9858.4 | 9725.0 |
| -42.5° | 9730.6 | 9782.2 | 9813.4 | 9823.8 | 9813.4 | 9782.2 | 9730.6 | 9658.9 | 9567.7 | 9457.8 | 9322.4 |
| -45° | 9288.8 | 9342.6 | 9375.1 | 9385.9 | 9375.1 | 9342.6 | 9288.8 | 9214.0 | 9118.8 | 9003.9 | 8866.6 |
| -47.5° | 8783.6 | 8841.8 | 8876.9 | 8888.6 | 8876.9 | 8841.8 | 8783.6 | 8702.7 | 8599.5 | 8474.8 | 8329.1 |
| -50° | 8196.9 | 8255.3 | 8290.5 | 8302.2 | 8290.5 | 8255.3 | 8196.9 | 8115.6 | 8011.9 | 7886.3 | 7739.6 |
| -52.5° | 7553.7 | 7612.7 | 7648.2 | 7660.1 | 7648.2 | 7612.7 | 7553.7 | 7471.6 | 7366.7 | 7239.5 | 7090.7 |
| -55° | 6842.5 | 6902.8 | 6939.2 | 6951.3 | 6939.2 | 6902.8 | 6842.5 | 6758.4 | 6650.9 | 6520.6 | 6367.9 |
| -57.5° | 6047.0 | 6108.1 | 6144.8 | 6157.1 | 6144.8 | 6108.1 | 6047.0 | 5961.8 | 5852.8 | 5720.6 | 5565.6 |
| -60° | 5171.0 | 5228.0 | 5262.4 | 5273.8 | 5262.4 | 5228.0 | 5171.0 | 5091.5 | 4989.7 | 4866.1 | 4721.1 |
| -62.5° | 4277.1 | 4325.6 | 4354.8 | 4364.5 | 4354.8 | 4325.6 | 4277.1 | 4209.4 | 4122.8 | 4017.6 | 3894.0 |
| -65° | 3443.1 | 3478.7 | 3500.1 | 3507.2 | 3500.1 | 3478.7 | 3443.1 | 3393.5 | 3329.9 | 3252.7 | 3161.9 |
| -67.5° | 2762.0 | 2786.3 | 2800.8 | 2805.7 | 2800.8 | 2786.3 | 2762.0 | 2728.2 | 2684.9 | 2632.1 | 2570.2 |
| -70° | 2237.4 | 2254.2 | 2264.2 | 2267.6 | 2264.2 | 2254.2 | 2237.4 | 2214.0 | 2184.1 | 2147.6 | 2104.7 |
| -72.5° | 1822.9 | 1834.9 | 1842.1 | 1844.5 | 1842.1 | 1834.9 | 1822.9 | 1806.2 | 1784.8 | 1758.8 | 1728.1 |
| -75° | 1478.7 | 1488.2 | 1493.8 | 1495.7 | 1493.8 | 1488.2 | 1478.7 | 1465.6 | 1448.7 | 1428.2 | 1404.1 |
| -77.5° | 1161.3 | 1167.7 | 1171.5 | 1172.8 | 1171.5 | 1167.7 | 1161.3 | 1152.5 | 1141.1 | 1127.2 | 1110.9 |
| -80° | 899.7 | 905.0 | 908.2 | 909.3 | 908.2 | 905.0 | 899.7 | 892.2 | 882.6 | 871.0 | 857.3 |
| -82.5° | 624.2 | 627.9 | 630.2 | 630.9 | 630.2 | 627.9 | 624.2 | 619.0 | 612.3 | 604.2 | 594.6 |
| -85° | 367.3 | 369.4 | 370.7 | 371.1 | 370.7 | 369.4 | 367.3 | 364.4 | 360.7 | 356.1 | 350.8 |
| -87.5° | 150.9 | 151.6 | 152.1 | 152.2 | 152.1 | 151.6 | 150.9 | 149.9 | 148.6 | 147.0 | 145.2 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P687830 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-LAM

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|--------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 143.0 | 140.6 | 137.9 | 135.0 | 131.8 | 128.4 | 124.7 | 120.7 | 116.6 | 112.2 | 107.6 |
| 85° | 344.6 | 337.7 | 330.0 | 321.5 | 312.3 | 302.4 | 291.8 | 280.5 | 268.5 | 255.9 | 242.7 |
| 82.5° | 583.7 | 571.3 | 557.5 | 542.4 | 526.0 | 508.3 | 489.3 | 469.2 | 447.8 | 425.4 | 401.8 |
| 80° | 841.5 | 823.8 | 804.0 | 782.4 | 758.9 | 733.5 | 706.4 | 677.5 | 647.0 | 615.9 | 584.5 |
| 77.5° | 1092.2 | 1071.1 | 1047.6 | 1021.9 | 994.0 | 963.9 | 931.7 | 896.8 | 858.5 | 818.2 | 776.1 |
| 75° | 1376.4 | 1345.2 | 1310.5 | 1272.5 | 1231.3 | 1186.8 | 1145.4 | 1104.2 | 1060.6 | 1014.8 | 966.8 |
| 72.5° | 1692.9 | 1653.3 | 1609.4 | 1561.2 | 1508.9 | 1455.8 | 1400.1 | 1341.0 | 1278.4 | 1212.7 | 1149.3 |
| 70° | 2055.6 | 2000.3 | 1938.9 | 1871.7 | 1806.7 | 1742.0 | 1672.9 | 1599.5 | 1522.1 | 1444.8 | 1366.0 |
| 67.5° | 2499.2 | 2419.3 | 2330.8 | 2241.0 | 2158.4 | 2069.5 | 1974.6 | 1874.0 | 1781.3 | 1689.4 | 1593.3 |
| 65° | 3057.9 | 2941.1 | 2811.6 | 2701.5 | 2583.8 | 2457.3 | 2322.4 | 2198.2 | 2079.7 | 1955.3 | 1828.8 |
| 62.5° | 3752.5 | 3593.6 | 3434.0 | 3276.6 | 3106.2 | 2923.4 | 2746.5 | 2588.2 | 2421.5 | 2251.3 | 2108.0 |
| 60° | 4555.2 | 4369.0 | 4174.6 | 3962.5 | 3733.2 | 3490.8 | 3276.6 | 3050.0 | 2811.6 | 2618.8 | 2419.3 |
| 57.5° | 5388.4 | 5187.3 | 4961.3 | 4714.7 | 4448.4 | 4174.6 | 3888.6 | 3586.4 | 3312.2 | 3040.6 | 2768.9 |
| 55° | 6193.5 | 5980.4 | 5740.6 | 5479.4 | 5195.2 | 4884.8 | 4555.2 | 4216.4 | 3872.3 | 3513.0 | 3206.2 |
| 52.5° | 6917.4 | 6704.6 | 6470.2 | 6215.0 | 5915.7 | 5589.0 | 5241.8 | 4866.1 | 4472.5 | 4079.3 | 3677.5 |
| 50° | 7563.3 | 7357.1 | 7130.2 | 6875.5 | 6578.3 | 6261.4 | 5899.9 | 5507.3 | 5091.5 | 4651.3 | 4204.7 |
| 47.5° | 8150.3 | 7948.0 | 7725.7 | 7466.3 | 7180.5 | 6867.2 | 6507.0 | 6125.5 | 5686.1 | 5228.0 | 4741.4 |
| 45° | 8687.1 | 8487.4 | 8265.1 | 8005.5 | 7727.2 | 7407.8 | 7063.6 | 6673.0 | 6251.7 | 5776.1 | 5273.8 |
| 42.5° | 9157.8 | 8974.9 | 8754.5 | 8499.7 | 8220.0 | 7903.8 | 7561.7 | 7177.4 | 6756.7 | 6292.9 | 5776.1 |
| 40° | 9568.4 | 9394.8 | 9180.9 | 8949.0 | 8668.3 | 8360.0 | 8011.1 | 7639.3 | 7215.5 | 6756.7 | 6251.7 |
| 37.5° | 9931.3 | 9759.9 | 9556.5 | 9331.3 | 9067.3 | 8770.9 | 8427.1 | 8047.0 | 7639.3 | 7177.4 | 6673.0 |
| 35° | 10248.4 | 10081.1 | 9890.6 | 9666.5 | 9418.6 | 9127.0 | 8805.3 | 8427.1 | 8011.1 | 7561.7 | 7063.6 |
| 32.5° | 10515.4 | 10357.6 | 10183.3 | 9965.4 | 9722.2 | 9445.7 | 9127.0 | 8770.9 | 8360.0 | 7903.8 | 7407.8 |
| 30° | 10747.4 | 10597.5 | 10424.4 | 10230.4 | 9990.5 | 9722.2 | 9418.6 | 9067.3 | 8668.3 | 8220.0 | 7727.2 |
| 27.5° | 10937.5 | 10810.3 | 10638.6 | 10447.0 | 10230.4 | 9965.4 | 9666.5 | 9331.3 | 8949.0 | 8499.7 | 8005.5 |
| 25° | 11092.2 | 10972.8 | 10827.3 | 10638.6 | 10424.4 | 10183.3 | 9890.6 | 9556.5 | 9180.9 | 8754.5 | 8265.1 |
| 22.5° | 11217.9 | 11106.8 | 10972.8 | 10810.3 | 10597.5 | 10357.6 | 10081.1 | 9759.9 | 9394.8 | 8974.9 | 8487.4 |
| 20° | 11314.7 | 11217.9 | 11092.2 | 10937.5 | 10747.4 | 10515.4 | 10248.4 | 9931.3 | 9568.4 | 9157.8 | 8687.1 |
| 17.5° | 11378.0 | 11302.0 | 11191.1 | 11049.2 | 10868.3 | 10643.5 | 10381.6 | 10078.9 | 9725.0 | 9322.4 | 8866.6 |
| 15° | 11421.6 | 11362.8 | 11264.6 | 11131.7 | 10965.3 | 10756.9 | 10500.0 | 10209.2 | 9858.4 | 9457.8 | 9003.9 |
| 12.5° | 11435.8 | 11401.6 | 11326.9 | 11204.1 | 11045.7 | 10845.3 | 10593.5 | 10303.7 | 9962.6 | 9567.7 | 9118.8 |
| 10° | 11444.0 | 11424.7 | 11363.4 | 11252.3 | 11101.5 | 10910.5 | 10669.2 | 10382.3 | 10049.1 | 9658.9 | 9214.0 |
| 7.5° | 11436.8 | 11433.7 | 11387.5 | 11290.8 | 11145.9 | 10962.2 | 10729.0 | 10444.3 | 10117.3 | 9730.6 | 9288.8 |
| 5° | 11431.5 | 11440.3 | 11405.2 | 11318.9 | 11178.2 | 10999.7 | 10772.3 | 10489.1 | 10166.5 | 9782.2 | 9342.6 |
| 2.5° | 11428.2 | 11444.3 | 11416.1 | 11336.0 | 11197.8 | 11022.4 | 10798.5 | 10516.2 | 10196.2 | 9813.4 | 9375.1 |
| 0° | 11427.1 | 11445.7 | 11419.7 | 11341.7 | 11204.4 | 11030.0 | 10807.3 | 10525.3 | 10206.1 | 9823.8 | 9385.9 |
| -2.5° | 11428.2 | 11444.3 | 11416.1 | 11336.0 | 11197.8 | 11022.4 | 10798.5 | 10516.2 | 10196.2 | 9813.4 | 9375.1 |
| -5° | 11431.5 | 11440.3 | 11405.2 | 11318.9 | 11178.2 | 10999.7 | 10772.3 | 10489.1 | 10166.5 | 9782.2 | 9342.6 |
| -7.5° | 11436.8 | 11433.7 | 11387.5 | 11290.8 | 11145.9 | 10962.2 | 10729.0 | 10444.3 | 10117.3 | 9730.6 | 9288.8 |
| -10° | 11444.0 | 11424.7 | 11363.4 | 11252.3 | 11101.5 | 10910.5 | 10669.2 | 10382.3 | 10049.1 | 9658.9 | 9214.0 |
| -12.5° | 11435.8 | 11401.6 | 11326.9 | 11204.1 | 11045.7 | 10845.3 | 10593.5 | 10303.7 | 9962.6 | 9567.7 | 9118.8 |
| -15° | 11421.6 | 11362.8 | 11264.6 | 11131.7 | 10965.3 | 10756.9 | 10500.0 | 10209.2 | 9858.4 | 9457.8 | 9003.9 |



REPORT NUMBER: P687830 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-LAM

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|---------|---------|---------|---------|---------|---------|---------|--------|--------|--------|--------|
| -22.5° | 11217.9 | 11106.8 | 10972.8 | 10810.3 | 10597.5 | 10357.6 | 10081.1 | 9759.9 | 9394.8 | 8974.9 | 8487.4 |
| -25° | 11092.2 | 10972.8 | 10827.3 | 10638.6 | 10424.4 | 10183.3 | 9890.6 | 9556.5 | 9180.9 | 8754.5 | 8265.1 |
| -27.5° | 10937.5 | 10810.3 | 10638.6 | 10447.0 | 10230.4 | 9965.4 | 9666.5 | 9331.3 | 8949.0 | 8499.7 | 8005.5 |
| -30° | 10747.4 | 10597.5 | 10424.4 | 10230.4 | 9990.5 | 9722.2 | 9418.6 | 9067.3 | 8668.3 | 8220.0 | 7727.2 |
| -32.5° | 10515.4 | 10357.6 | 10183.3 | 9965.4 | 9722.2 | 9445.7 | 9127.0 | 8770.9 | 8360.0 | 7903.8 | 7407.8 |
| -35° | 10248.4 | 10081.1 | 9890.6 | 9666.5 | 9418.6 | 9127.0 | 8805.3 | 8427.1 | 8011.1 | 7561.7 | 7063.6 |
| -37.5° | 9931.3 | 9759.9 | 9556.5 | 9331.3 | 9067.3 | 8770.9 | 8427.1 | 8047.0 | 7639.3 | 7177.4 | 6673.0 |
| -40° | 9568.4 | 9394.8 | 9180.9 | 8949.0 | 8668.3 | 8360.0 | 8011.1 | 7639.3 | 7215.5 | 6756.7 | 6251.7 |
| -42.5° | 9157.8 | 8974.9 | 8754.5 | 8499.7 | 8220.0 | 7903.8 | 7561.7 | 7177.4 | 6756.7 | 6292.9 | 5776.1 |
| -45° | 8687.1 | 8487.4 | 8265.1 | 8005.5 | 7727.2 | 7407.8 | 7063.6 | 6673.0 | 6251.7 | 5776.1 | 5273.8 |
| -47.5° | 8150.3 | 7948.0 | 7725.7 | 7466.3 | 7180.5 | 6867.2 | 6507.0 | 6125.5 | 5686.1 | 5228.0 | 4741.4 |
| -50° | 7563.3 | 7357.1 | 7130.2 | 6875.5 | 6578.3 | 6261.4 | 5899.9 | 5507.3 | 5091.5 | 4651.3 | 4204.7 |
| -52.5° | 6917.4 | 6704.6 | 6470.2 | 6215.0 | 5915.7 | 5589.0 | 5241.8 | 4866.1 | 4472.5 | 4079.3 | 3677.5 |
| -55° | 6193.5 | 5980.4 | 5740.6 | 5479.4 | 5195.2 | 4884.8 | 4555.2 | 4216.4 | 3872.3 | 3513.0 | 3206.2 |
| -57.5° | 5388.4 | 5187.3 | 4961.3 | 4714.7 | 4448.4 | 4174.6 | 3888.6 | 3586.4 | 3312.2 | 3040.6 | 2768.9 |
| -60° | 4555.2 | 4369.0 | 4174.6 | 3962.5 | 3733.2 | 3490.8 | 3276.6 | 3050.0 | 2811.6 | 2618.8 | 2419.3 |
| -62.5° | 3752.5 | 3593.6 | 3434.0 | 3276.6 | 3106.2 | 2923.4 | 2746.5 | 2588.2 | 2421.5 | 2251.3 | 2108.0 |
| -65° | 3057.9 | 2941.1 | 2811.6 | 2701.5 | 2583.8 | 2457.3 | 2322.4 | 2198.2 | 2079.7 | 1955.3 | 1828.8 |
| -67.5° | 2499.2 | 2419.3 | 2330.8 | 2241.0 | 2158.4 | 2069.5 | 1974.6 | 1874.0 | 1781.3 | 1689.4 | 1593.3 |
| -70° | 2055.6 | 2000.3 | 1938.9 | 1871.7 | 1806.7 | 1742.0 | 1672.9 | 1599.5 | 1522.1 | 1444.8 | 1366.0 |
| -72.5° | 1692.9 | 1653.3 | 1609.4 | 1561.2 | 1508.9 | 1455.8 | 1400.1 | 1341.0 | 1278.4 | 1212.7 | 1149.3 |
| -75° | 1376.4 | 1345.2 | 1310.5 | 1272.5 | 1231.3 | 1186.8 | 1145.4 | 1104.2 | 1060.6 | 1014.8 | 966.8 |
| -77.5° | 1092.2 | 1071.1 | 1047.6 | 1021.9 | 994.0 | 963.9 | 931.7 | 896.8 | 858.5 | 818.2 | 776.1 |
| -80° | 841.5 | 823.8 | 804.0 | 782.4 | 758.9 | 733.5 | 706.4 | 677.5 | 647.0 | 615.9 | 584.5 |
| -82.5° | 583.7 | 571.3 | 557.5 | 542.4 | 526.0 | 508.3 | 489.3 | 469.2 | 447.8 | 425.4 | 401.8 |
| -85° | 344.6 | 337.7 | 330.0 | 321.5 | 312.3 | 302.4 | 291.8 | 280.5 | 268.5 | 255.9 | 242.7 |
| -87.5° | 143.0 | 140.6 | 137.9 | 135.0 | 131.8 | 128.4 | 124.7 | 120.7 | 116.6 | 112.2 | 107.6 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P687830 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-LAM

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 102.8 | 97.8 | 92.6 | 87.3 | 81.8 | 76.1 | 70.3 | 64.3 | 58.2 | 52.0 | 45.8 |
| 85° | 228.9 | 214.5 | 199.6 | 184.2 | 168.3 | 152.1 | 140.4 | 128.5 | 116.4 | 104.0 | 91.4 |
| 82.5° | 377.2 | 354.7 | 332.4 | 309.2 | 285.4 | 260.9 | 235.8 | 210.2 | 184.0 | 157.3 | 136.9 |
| 80° | 551.6 | 517.5 | 482.1 | 445.5 | 407.8 | 369.4 | 336.0 | 301.8 | 266.9 | 231.4 | 195.4 |
| 77.5° | 732.0 | 686.3 | 638.8 | 592.6 | 545.5 | 497.1 | 447.6 | 396.9 | 349.3 | 305.0 | 260.0 |
| 75° | 916.7 | 862.1 | 805.2 | 746.4 | 685.9 | 624.2 | 564.8 | 504.1 | 442.2 | 379.3 | 324.1 |
| 72.5° | 1090.7 | 1030.0 | 967.1 | 901.7 | 831.1 | 758.7 | 684.5 | 610.2 | 538.2 | 465.0 | 390.6 |
| 70° | 1283.9 | 1198.6 | 1121.9 | 1047.7 | 971.4 | 892.2 | 807.6 | 721.2 | 633.2 | 549.6 | 465.0 |
| 67.5° | 1493.5 | 1397.5 | 1298.3 | 1196.0 | 1105.9 | 1018.0 | 928.0 | 832.2 | 733.5 | 633.2 | 538.2 |
| 65° | 1717.5 | 1602.1 | 1483.9 | 1370.2 | 1253.5 | 1141.1 | 1041.4 | 939.7 | 832.2 | 721.2 | 610.2 |
| 62.5° | 1959.1 | 1811.8 | 1680.6 | 1545.6 | 1413.7 | 1282.4 | 1152.8 | 1041.4 | 928.0 | 807.6 | 684.5 |
| 60° | 2224.0 | 2055.6 | 1881.9 | 1728.1 | 1577.2 | 1428.2 | 1282.4 | 1141.1 | 1018.0 | 892.2 | 758.7 |
| 57.5° | 2544.0 | 2311.6 | 2113.9 | 1920.6 | 1744.0 | 1577.2 | 1413.7 | 1253.5 | 1105.9 | 971.4 | 831.1 |
| 55° | 2889.7 | 2619.5 | 2361.6 | 2133.5 | 1920.6 | 1728.1 | 1545.6 | 1370.2 | 1196.0 | 1047.7 | 901.7 |
| 52.5° | 3306.5 | 2956.0 | 2644.7 | 2361.6 | 2113.9 | 1881.9 | 1680.6 | 1483.9 | 1298.3 | 1121.9 | 967.1 |
| 50° | 3760.4 | 3340.1 | 2956.0 | 2619.5 | 2311.6 | 2055.6 | 1811.8 | 1602.1 | 1397.5 | 1198.6 | 1030.0 |
| 47.5° | 4246.7 | 3760.4 | 3306.5 | 2889.7 | 2544.0 | 2224.0 | 1959.1 | 1717.5 | 1493.5 | 1283.9 | 1090.7 |
| 45° | 4741.4 | 4204.7 | 3677.5 | 3206.2 | 2768.9 | 2419.3 | 2108.0 | 1828.8 | 1593.3 | 1366.0 | 1149.3 |
| 42.5° | 5228.0 | 4651.3 | 4079.3 | 3513.0 | 3040.6 | 2618.8 | 2251.3 | 1955.3 | 1689.4 | 1444.8 | 1212.7 |
| 40° | 5686.1 | 5091.5 | 4472.5 | 3872.3 | 3312.2 | 2811.6 | 2421.5 | 2079.7 | 1781.3 | 1522.1 | 1278.4 |
| 37.5° | 6125.5 | 5507.3 | 4866.1 | 4216.4 | 3586.4 | 3050.0 | 2588.2 | 2198.2 | 1874.0 | 1599.5 | 1341.0 |
| 35° | 6507.0 | 5899.9 | 5241.8 | 4555.2 | 3888.6 | 3276.6 | 2746.5 | 2322.4 | 1974.6 | 1672.9 | 1400.1 |
| 32.5° | 6867.2 | 6261.4 | 5589.0 | 4884.8 | 4174.6 | 3490.8 | 2923.4 | 2457.3 | 2069.5 | 1742.0 | 1455.8 |
| 30° | 7180.5 | 6578.3 | 5915.7 | 5195.2 | 4448.4 | 3733.2 | 3106.2 | 2583.8 | 2158.4 | 1806.7 | 1508.9 |
| 27.5° | 7466.3 | 6875.5 | 6215.0 | 5479.4 | 4714.7 | 3962.5 | 3276.6 | 2701.5 | 2241.0 | 1871.7 | 1561.2 |
| 25° | 7725.7 | 7130.2 | 6470.2 | 5740.6 | 4961.3 | 4174.6 | 3434.0 | 2811.6 | 2330.8 | 1938.9 | 1609.4 |
| 22.5° | 7948.0 | 7357.1 | 6704.6 | 5980.4 | 5187.3 | 4369.0 | 3593.6 | 2941.1 | 2419.3 | 2000.3 | 1653.3 |
| 20° | 8150.3 | 7563.3 | 6917.4 | 6193.5 | 5388.4 | 4555.2 | 3752.5 | 3057.9 | 2499.2 | 2055.6 | 1692.9 |
| 17.5° | 8329.1 | 7739.6 | 7090.7 | 6367.9 | 5565.6 | 4721.1 | 3894.0 | 3161.9 | 2570.2 | 2104.7 | 1728.1 |
| 15° | 8474.8 | 7886.3 | 7239.5 | 6520.6 | 5720.6 | 4866.1 | 4017.6 | 3252.7 | 2632.1 | 2147.6 | 1758.8 |
| 12.5° | 8599.5 | 8011.9 | 7366.7 | 6650.9 | 5852.8 | 4989.7 | 4122.8 | 3329.9 | 2684.9 | 2184.1 | 1784.8 |
| 10° | 8702.7 | 8115.6 | 7471.6 | 6758.4 | 5961.8 | 5091.5 | 4209.4 | 3393.5 | 2728.2 | 2214.0 | 1806.2 |
| 7.5° | 8783.6 | 8196.9 | 7553.7 | 6842.5 | 6047.0 | 5171.0 | 4277.1 | 3443.1 | 2762.0 | 2237.4 | 1822.9 |
| 5° | 8841.8 | 8255.3 | 7612.7 | 6902.8 | 6108.1 | 5228.0 | 4325.6 | 3478.7 | 2786.3 | 2254.2 | 1834.9 |
| 2.5° | 8876.9 | 8290.5 | 7648.2 | 6939.2 | 6144.8 | 5262.4 | 4354.8 | 3500.1 | 2800.8 | 2264.2 | 1842.1 |
| 0° | 8888.6 | 8302.2 | 7660.1 | 6951.3 | 6157.1 | 5273.8 | 4364.5 | 3507.2 | 2805.7 | 2267.6 | 1844.5 |
| -2.5° | 8876.9 | 8290.5 | 7648.2 | 6939.2 | 6144.8 | 5262.4 | 4354.8 | 3500.1 | 2800.8 | 2264.2 | 1842.1 |
| -5° | 8841.8 | 8255.3 | 7612.7 | 6902.8 | 6108.1 | 5228.0 | 4325.6 | 3478.7 | 2786.3 | 2254.2 | 1834.9 |
| -7.5° | 8783.6 | 8196.9 | 7553.7 | 6842.5 | 6047.0 | 5171.0 | 4277.1 | 3443.1 | 2762.0 | 2237.4 | 1822.9 |
| -10° | 8702.7 | 8115.6 | 7471.6 | 6758.4 | 5961.8 | 5091.5 | 4209.4 | 3393.5 | 2728.2 | 2214.0 | 1806.2 |
| -12.5° | 8599.5 | 8011.9 | 7366.7 | 6650.9 | 5852.8 | 4989.7 | 4122.8 | 3329.9 | 2684.9 | 2184.1 | 1784.8 |
| -15° | 8474.8 | 7886.3 | 7239.5 | 6520.6 | 5720.6 | 4866.1 | 4017.6 | 3252.7 | 2632.1 | 2147.6 | 1758.8 |



REPORT NUMBER: P687830 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-LAM

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 7948.0 | 7357.1 | 6704.6 | 5980.4 | 5187.3 | 4369.0 | 3593.6 | 2941.1 | 2419.3 | 2000.3 | 1653.3 |
| -25° | 7725.7 | 7130.2 | 6470.2 | 5740.6 | 4961.3 | 4174.6 | 3434.0 | 2811.6 | 2330.8 | 1938.9 | 1609.4 |
| -27.5° | 7466.3 | 6875.5 | 6215.0 | 5479.4 | 4714.7 | 3962.5 | 3276.6 | 2701.5 | 2241.0 | 1871.7 | 1561.2 |
| -30° | 7180.5 | 6578.3 | 5915.7 | 5195.2 | 4448.4 | 3733.2 | 3106.2 | 2583.8 | 2158.4 | 1806.7 | 1508.9 |
| -32.5° | 6867.2 | 6261.4 | 5589.0 | 4884.8 | 4174.6 | 3490.8 | 2923.4 | 2457.3 | 2069.5 | 1742.0 | 1455.8 |
| -35° | 6507.0 | 5899.9 | 5241.8 | 4555.2 | 3888.6 | 3276.6 | 2746.5 | 2322.4 | 1974.6 | 1672.9 | 1400.1 |
| -37.5° | 6125.5 | 5507.3 | 4866.1 | 4216.4 | 3586.4 | 3050.0 | 2588.2 | 2198.2 | 1874.0 | 1599.5 | 1341.0 |
| -40° | 5686.1 | 5091.5 | 4472.5 | 3872.3 | 3312.2 | 2811.6 | 2421.5 | 2079.7 | 1781.3 | 1522.1 | 1278.4 |
| -42.5° | 5228.0 | 4651.3 | 4079.3 | 3513.0 | 3040.6 | 2618.8 | 2251.3 | 1955.3 | 1689.4 | 1444.8 | 1212.7 |
| -45° | 4741.4 | 4204.7 | 3677.5 | 3206.2 | 2768.9 | 2419.3 | 2108.0 | 1828.8 | 1593.3 | 1366.0 | 1149.3 |
| -47.5° | 4246.7 | 3760.4 | 3306.5 | 2889.7 | 2544.0 | 2224.0 | 1959.1 | 1717.5 | 1493.5 | 1283.9 | 1090.7 |
| -50° | 3760.4 | 3340.1 | 2956.0 | 2619.5 | 2311.6 | 2055.6 | 1811.8 | 1602.1 | 1397.5 | 1198.6 | 1030.0 |
| -52.5° | 3306.5 | 2956.0 | 2644.7 | 2361.6 | 2113.9 | 1881.9 | 1680.6 | 1483.9 | 1298.3 | 1121.9 | 967.1 |
| -55° | 2889.7 | 2619.5 | 2361.6 | 2133.5 | 1920.6 | 1728.1 | 1545.6 | 1370.2 | 1196.0 | 1047.7 | 901.7 |
| -57.5° | 2544.0 | 2311.6 | 2113.9 | 1920.6 | 1744.0 | 1577.2 | 1413.7 | 1253.5 | 1105.9 | 971.4 | 831.1 |
| -60° | 2224.0 | 2055.6 | 1881.9 | 1728.1 | 1577.2 | 1428.2 | 1282.4 | 1141.1 | 1018.0 | 892.2 | 758.7 |
| -62.5° | 1959.1 | 1811.8 | 1680.6 | 1545.6 | 1413.7 | 1282.4 | 1152.8 | 1041.4 | 928.0 | 807.6 | 684.5 |
| -65° | 1717.5 | 1602.1 | 1483.9 | 1370.2 | 1253.5 | 1141.1 | 1041.4 | 939.7 | 832.2 | 721.2 | 610.2 |
| -67.5° | 1493.5 | 1397.5 | 1298.3 | 1196.0 | 1105.9 | 1018.0 | 928.0 | 832.2 | 733.5 | 633.2 | 538.2 |
| -70° | 1283.9 | 1198.6 | 1121.9 | 1047.7 | 971.4 | 892.2 | 807.6 | 721.2 | 633.2 | 549.6 | 465.0 |
| -72.5° | 1090.7 | 1030.0 | 967.1 | 901.7 | 831.1 | 758.7 | 684.5 | 610.2 | 538.2 | 465.0 | 390.6 |
| -75° | 916.7 | 862.1 | 805.2 | 746.4 | 685.9 | 624.2 | 564.8 | 504.1 | 442.2 | 379.3 | 324.1 |
| -77.5° | 732.0 | 686.3 | 638.8 | 592.6 | 545.5 | 497.1 | 447.6 | 396.9 | 349.3 | 305.0 | 260.0 |
| -80° | 551.6 | 517.5 | 482.1 | 445.5 | 407.8 | 369.4 | 336.0 | 301.8 | 266.9 | 231.4 | 195.4 |
| -82.5° | 377.2 | 354.7 | 332.4 | 309.2 | 285.4 | 260.9 | 235.8 | 210.2 | 184.0 | 157.3 | 136.9 |
| -85° | 228.9 | 214.5 | 199.6 | 184.2 | 168.3 | 152.1 | 140.4 | 128.5 | 116.4 | 104.0 | 91.4 |
| -87.5° | 102.8 | 97.8 | 92.6 | 87.3 | 81.8 | 76.1 | 70.3 | 64.3 | 58.2 | 52.0 | 45.8 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P687830 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-LAM

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|--------|--------|-------|-------|-------|-------|-----|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 39.4 | 32.9 | 26.4 | 19.9 | 13.3 | 6.6 | 0.0 |
| 85° | 78.7 | 65.8 | 52.8 | 39.7 | 26.5 | 13.3 | 0.0 |
| 82.5° | 117.9 | 98.6 | 79.1 | 59.4 | 39.7 | 19.9 | 0.0 |
| 80° | 158.8 | 131.1 | 105.2 | 79.1 | 52.8 | 26.4 | 0.0 |
| 77.5° | 214.5 | 168.4 | 131.1 | 98.6 | 65.8 | 32.9 | 0.0 |
| 75° | 269.6 | 214.5 | 158.8 | 117.9 | 78.7 | 39.4 | 0.0 |
| 72.5° | 324.1 | 260.0 | 195.4 | 136.9 | 91.4 | 45.8 | 0.0 |
| 70° | 379.3 | 305.0 | 231.4 | 157.3 | 104.0 | 52.0 | 0.0 |
| 67.5° | 442.2 | 349.3 | 266.9 | 184.0 | 116.4 | 58.2 | 0.0 |
| 65° | 504.1 | 396.9 | 301.8 | 210.2 | 128.5 | 64.3 | 0.0 |
| 62.5° | 564.8 | 447.6 | 336.0 | 235.8 | 140.4 | 70.3 | 0.0 |
| 60° | 624.2 | 497.1 | 369.4 | 260.9 | 152.1 | 76.1 | 0.0 |
| 57.5° | 685.9 | 545.5 | 407.8 | 285.4 | 168.3 | 81.8 | 0.0 |
| 55° | 746.4 | 592.6 | 445.5 | 309.2 | 184.2 | 87.3 | 0.0 |
| 52.5° | 805.2 | 638.8 | 482.1 | 332.4 | 199.6 | 92.6 | 0.0 |
| 50° | 862.1 | 686.3 | 517.5 | 354.7 | 214.5 | 97.8 | 0.0 |
| 47.5° | 916.7 | 732.0 | 551.6 | 377.2 | 228.9 | 102.8 | 0.0 |
| 45° | 966.8 | 776.1 | 584.5 | 401.8 | 242.7 | 107.6 | 0.0 |
| 42.5° | 1014.8 | 818.2 | 615.9 | 425.4 | 255.9 | 112.2 | 0.0 |
| 40° | 1060.6 | 858.5 | 647.0 | 447.8 | 268.5 | 116.6 | 0.0 |
| 37.5° | 1104.2 | 896.8 | 677.5 | 469.2 | 280.5 | 120.7 | 0.0 |
| 35° | 1145.4 | 931.7 | 706.4 | 489.3 | 291.8 | 124.7 | 0.0 |
| 32.5° | 1186.8 | 963.9 | 733.5 | 508.3 | 302.4 | 128.4 | 0.0 |
| 30° | 1231.3 | 994.0 | 758.9 | 526.0 | 312.3 | 131.8 | 0.0 |
| 27.5° | 1272.5 | 1021.9 | 782.4 | 542.4 | 321.5 | 135.0 | 0.0 |
| 25° | 1310.5 | 1047.6 | 804.0 | 557.5 | 330.0 | 137.9 | 0.0 |
| 22.5° | 1345.2 | 1071.1 | 823.8 | 571.3 | 337.7 | 140.6 | 0.0 |
| 20° | 1376.4 | 1092.2 | 841.5 | 583.7 | 344.6 | 143.0 | 0.0 |
| 17.5° | 1404.1 | 1110.9 | 857.3 | 594.6 | 350.8 | 145.2 | 0.0 |
| 15° | 1428.2 | 1127.2 | 871.0 | 604.2 | 356.1 | 147.0 | 0.0 |
| 12.5° | 1448.7 | 1141.1 | 882.6 | 612.3 | 360.7 | 148.6 | 0.0 |
| 10° | 1465.6 | 1152.5 | 892.2 | 619.0 | 364.4 | 149.9 | 0.0 |
| 7.5° | 1478.7 | 1161.3 | 899.7 | 624.2 | 367.3 | 150.9 | 0.0 |
| 5° | 1488.2 | 1167.7 | 905.0 | 627.9 | 369.4 | 151.6 | 0.0 |
| 2.5° | 1493.8 | 1171.5 | 908.2 | 630.2 | 370.7 | 152.1 | 0.0 |
| 0° | 1495.7 | 1172.8 | 909.3 | 630.9 | 371.1 | 152.2 | 0.0 |
| -2.5° | 1493.8 | 1171.5 | 908.2 | 630.2 | 370.7 | 152.1 | 0.0 |
| -5° | 1488.2 | 1167.7 | 905.0 | 627.9 | 369.4 | 151.6 | 0.0 |
| -7.5° | 1478.7 | 1161.3 | 899.7 | 624.2 | 367.3 | 150.9 | 0.0 |
| -10° | 1465.6 | 1152.5 | 892.2 | 619.0 | 364.4 | 149.9 | 0.0 |
| -12.5° | 1448.7 | 1141.1 | 882.6 | 612.3 | 360.7 | 148.6 | 0.0 |
| -15° | 1428.2 | 1127.2 | 871.0 | 604.2 | 356.1 | 147.0 | 0.0 |

Classified

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

Scaled Data Report



REPORT NUMBER: P687830 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-LAM

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|--------|--------|-------|-------|-------|-------|-----|
| -22.5° | 1345.2 | 1071.1 | 823.8 | 571.3 | 337.7 | 140.6 | 0.0 |
| -25° | 1310.5 | 1047.6 | 804.0 | 557.5 | 330.0 | 137.9 | 0.0 |
| -27.5° | 1272.5 | 1021.9 | 782.4 | 542.4 | 321.5 | 135.0 | 0.0 |
| -30° | 1231.3 | 994.0 | 758.9 | 526.0 | 312.3 | 131.8 | 0.0 |
| -32.5° | 1186.8 | 963.9 | 733.5 | 508.3 | 302.4 | 128.4 | 0.0 |
| -35° | 1145.4 | 931.7 | 706.4 | 489.3 | 291.8 | 124.7 | 0.0 |
| -37.5° | 1104.2 | 896.8 | 677.5 | 469.2 | 280.5 | 120.7 | 0.0 |
| -40° | 1060.6 | 858.5 | 647.0 | 447.8 | 268.5 | 116.6 | 0.0 |
| -42.5° | 1014.8 | 818.2 | 615.9 | 425.4 | 255.9 | 112.2 | 0.0 |
| -45° | 966.8 | 776.1 | 584.5 | 401.8 | 242.7 | 107.6 | 0.0 |
| -47.5° | 916.7 | 732.0 | 551.6 | 377.2 | 228.9 | 102.8 | 0.0 |
| -50° | 862.1 | 686.3 | 517.5 | 354.7 | 214.5 | 97.8 | 0.0 |
| -52.5° | 805.2 | 638.8 | 482.1 | 332.4 | 199.6 | 92.6 | 0.0 |
| -55° | 746.4 | 592.6 | 445.5 | 309.2 | 184.2 | 87.3 | 0.0 |
| -57.5° | 685.9 | 545.5 | 407.8 | 285.4 | 168.3 | 81.8 | 0.0 |
| -60° | 624.2 | 497.1 | 369.4 | 260.9 | 152.1 | 76.1 | 0.0 |
| -62.5° | 564.8 | 447.6 | 336.0 | 235.8 | 140.4 | 70.3 | 0.0 |
| -65° | 504.1 | 396.9 | 301.8 | 210.2 | 128.5 | 64.3 | 0.0 |
| -67.5° | 442.2 | 349.3 | 266.9 | 184.0 | 116.4 | 58.2 | 0.0 |
| -70° | 379.3 | 305.0 | 231.4 | 157.3 | 104.0 | 52.0 | 0.0 |
| -72.5° | 324.1 | 260.0 | 195.4 | 136.9 | 91.4 | 45.8 | 0.0 |
| -75° | 269.6 | 214.5 | 158.8 | 117.9 | 78.7 | 39.4 | 0.0 |
| -77.5° | 214.5 | 168.4 | 131.1 | 98.6 | 65.8 | 32.9 | 0.0 |
| -80° | 158.8 | 131.1 | 105.2 | 79.1 | 52.8 | 26.4 | 0.0 |
| -82.5° | 117.9 | 98.6 | 79.1 | 59.4 | 39.7 | 19.9 | 0.0 |
| -85° | 78.7 | 65.8 | 52.8 | 39.7 | 26.5 | 13.3 | 0.0 |
| -87.5° | 39.4 | 32.9 | 26.4 | 19.9 | 13.3 | 6.6 | 0.0 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

Classified

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

Scaled Data Report



Report Generated By 670246001

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

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Peachtree City, GA 30269

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Horizontal Angle (degrees)

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Horizontal Angle (degrees)

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--- Horizontal Distribution through 0-Deg

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1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



| | | | | | | | | | | | |
|--------|-----|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| -17.5° | 0.0 | 145.2 | 350.8 | 594.6 | 857.3 | 1110.9 | 1404.1 | 1728.1 | 2104.7 | 2570.2 | 3161.9 |
| -20° | 0.0 | 143.0 | 344.6 | 583.7 | 841.5 | 1092.2 | 1376.4 | 1692.9 | 2055.6 | 2499.2 | 3057.9 |

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

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

Scaled Data Report



| | | | | | | | | | | | |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| -17.5° | 3894.0 | 4721.1 | 5565.6 | 6367.9 | 7090.7 | 7739.6 | 8329.1 | 8866.6 | 9322.4 | 9725.0 | 10078.9 |
| -20° | 3752.5 | 4555.2 | 5388.4 | 6193.5 | 6917.4 | 7563.3 | 8150.3 | 8687.1 | 9157.8 | 9568.4 | 9931.3 |

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Peachtree City, GA 30269

Scaled Data Report



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|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| -17.5° | 10381.6 | 10643.5 | 10868.3 | 11049.2 | 11191.1 | 11302.0 | 11378.0 | 11424.3 | 11441.6 | 11437.5 | 11427.7 |
| -20° | 10248.4 | 10515.4 | 10747.4 | 10937.5 | 11092.2 | 11217.9 | 11314.7 | 11378.0 | 11421.6 | 11435.8 | 11444.0 |

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

Scaled Data Report



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Scaled Data Report



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|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| -17.5° | 11403.2 | 11383.8 | 11371.8 | 11367.7 | 11371.8 | 11383.8 | 11403.2 | 11427.7 | 11437.5 | 11441.6 | 11424.3 |
| -20° | 11436.8 | 11431.5 | 11428.2 | 11427.1 | 11428.2 | 11431.5 | 11436.8 | 11444.0 | 11435.8 | 11421.6 | 11378.0 |

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|--------|---------|---------|---------|---------|---------|---------|---------|---------|--------|--------|--------|
| -17.5° | 11378.0 | 11302.0 | 11191.1 | 11049.2 | 10868.3 | 10643.5 | 10381.6 | 10078.9 | 9725.0 | 9322.4 | 8866.6 |
| -20° | 11314.7 | 11217.9 | 11092.2 | 10937.5 | 10747.4 | 10515.4 | 10248.4 | 9931.3 | 9568.4 | 9157.8 | 8687.1 |

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|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -17.5° | 8329.1 | 7739.6 | 7090.7 | 6367.9 | 5565.6 | 4721.1 | 3894.0 | 3161.9 | 2570.2 | 2104.7 | 1728.1 |
| -20° | 8150.3 | 7563.3 | 6917.4 | 6193.5 | 5388.4 | 4555.2 | 3752.5 | 3057.9 | 2499.2 | 2055.6 | 1692.9 |

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|--------|--------|--------|-------|-------|-------|-------|-----|
| -17.5° | 1404.1 | 1110.9 | 857.3 | 594.6 | 350.8 | 145.2 | 0.0 |
| -20° | 1376.4 | 1092.2 | 841.5 | 583.7 | 344.6 | 143.0 | 0.0 |

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