

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: P624792 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-VN-08-E-PRO-4000K-33**

Issue Date: 11/8/2022



Test Information

Test Method: LM-79-08
Report Number: P624792 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-765-11)
Test Lab: INNOVATION CENTER
Issue Date: 11/8/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHESUS
Catalog Number: EPH-VN-08-E-PRO-4000K-33
Description: EPHESUS LUMAVISION CCT TUNING FLOOD
3000K AND TYPE 33 OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

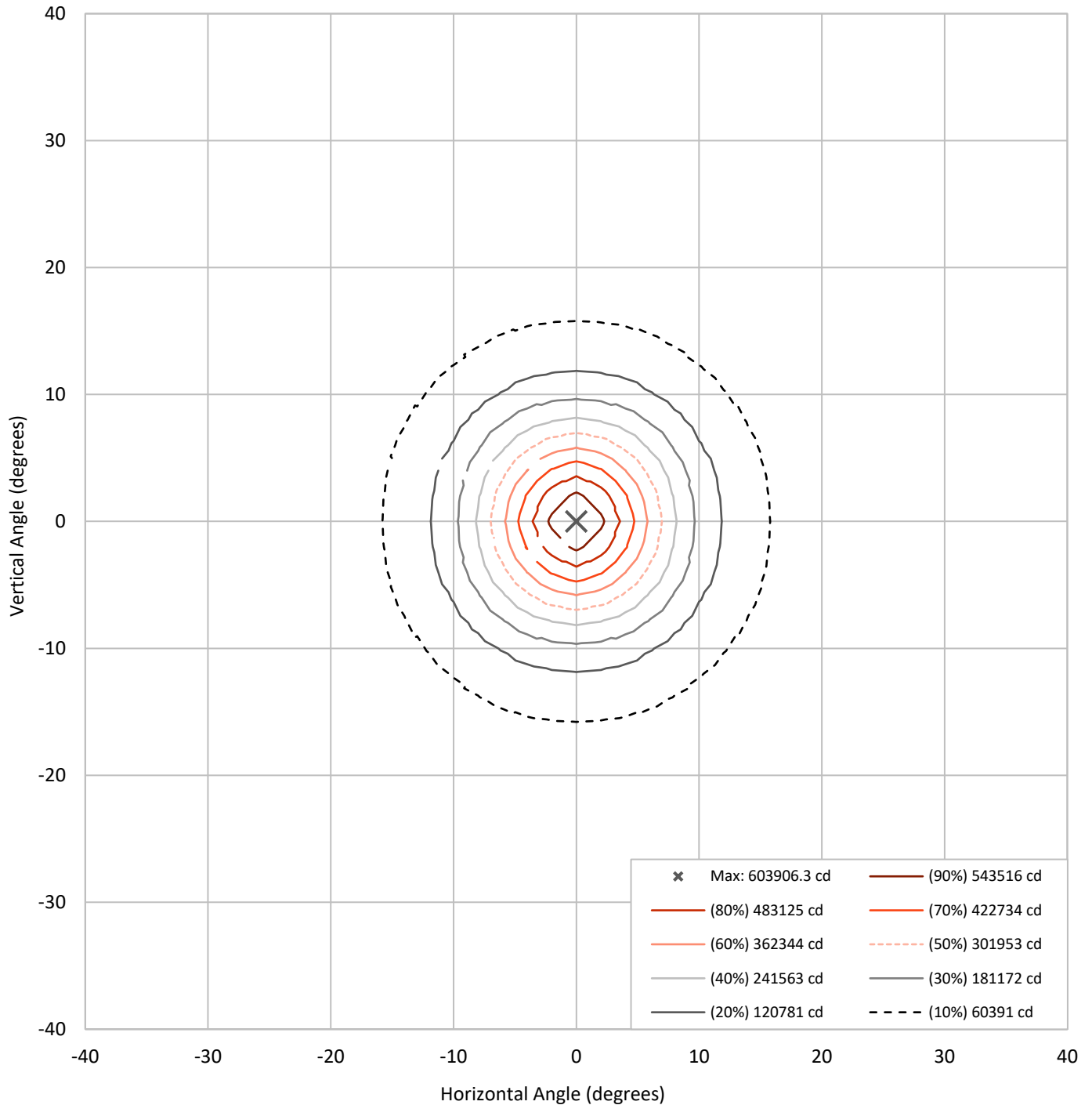
Lumens per Lamp: N/A
Luminaire Lumens: 64892.5 lumens
Efficiency: N/A
Efficacy: 130.0 lumens/watt
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
NEMA Type: 3H x 3V
Max Intensity: 603906.3 candela
Max Intensity Angle: 0°H x 0°V
Beam Angle (50%): 13.8°H x 13.8°V
Beam Lumens: 18922.4 lumens
Beam Efficiency: 29.2%
Field Angle (10%): 31.4°H x 31.4°V
Field Lumens: 44059.5 lumens
Field Efficiency: 67.9%

Input Watts (W): 499
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: P624792 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-08-E-PRO-4000K-33

Iso-Candela Plot





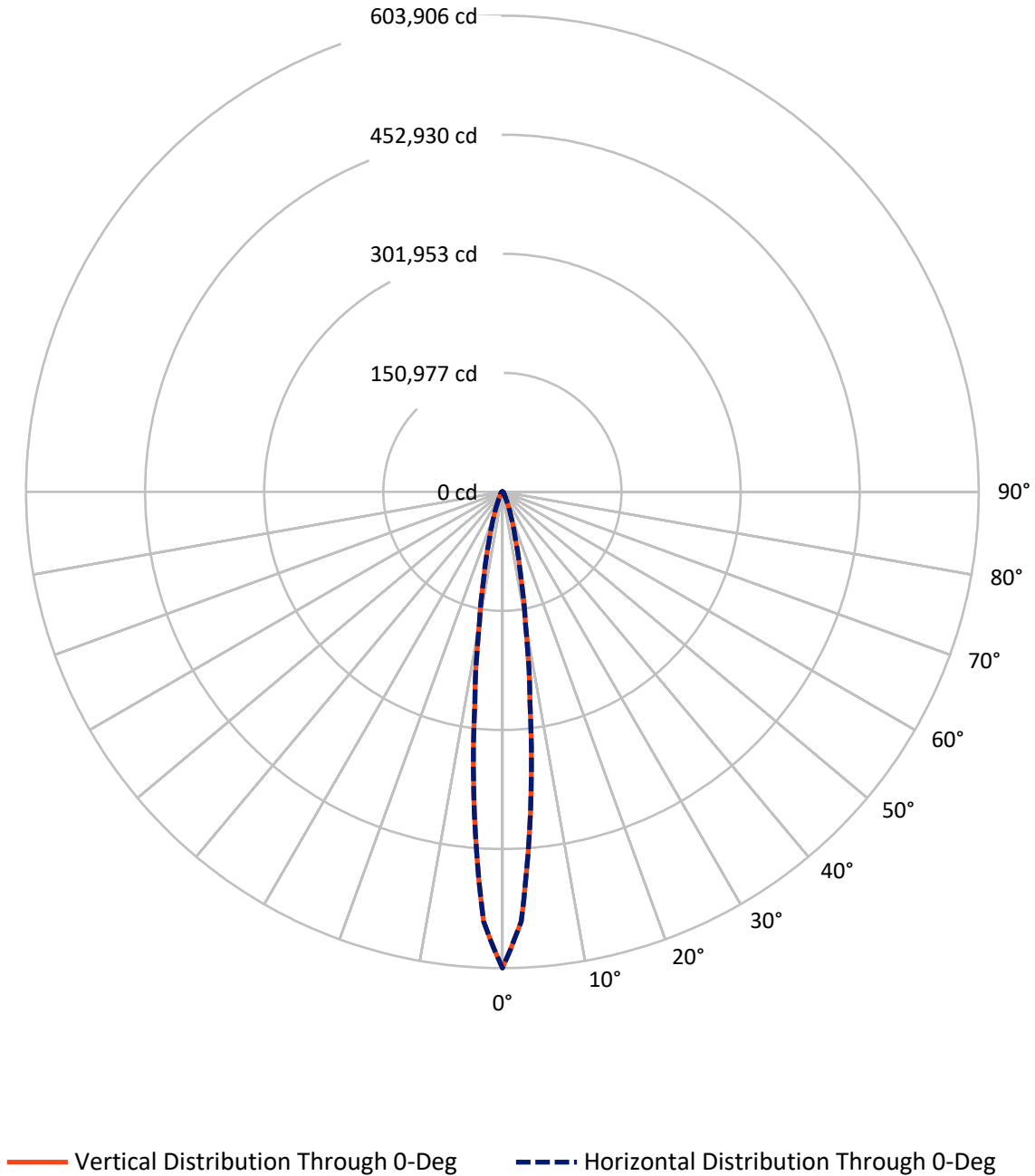
REPORT NUMBER: P624792 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-VN-08-E-PRO-4000K-33

Lumen Table

| | | | | | | | | | | | | | | | | | | | |
|-----|------|------|------|------|-------|-------|--------|--------|--------|--------|-------|-------|------|------|------|------|----|----|----|
| 90 | 1.1 | 8.4 | 22.3 | 36.3 | 42.1 | 36.3 | 22.3 | 8.4 | 1.1 | | | | | | | | | | |
| 80 | 1.1 | 8.4 | 22.3 | 36.3 | 42.1 | 36.3 | 22.3 | 8.4 | 1.1 | | | | | | | | | | |
| 70 | 3.8 | 4.2 | 9.0 | 14.9 | 21.2 | 26.7 | 30.8 | 33.0 | 33.0 | 30.8 | 26.7 | 21.2 | 14.9 | 9.0 | 4.2 | 3.8 | | | |
| 60 | | 6.7 | 13.9 | 22.5 | 31.0 | 38.6 | 44.4 | 47.6 | 47.6 | 44.4 | 38.6 | 31.0 | 22.5 | 13.9 | 6.7 | | | | |
| 50 | 6.9 | 9.0 | 18.3 | 28.8 | 39.9 | 51.2 | 61.9 | 68.6 | 68.6 | 61.9 | 51.2 | 39.9 | 28.8 | 18.3 | 9.0 | 6.9 | | | |
| 40 | | 11.1 | 21.8 | 34.5 | 50.5 | 72.3 | 98.9 | 121.3 | 121.3 | 98.9 | 72.3 | 50.5 | 34.5 | 21.8 | 11.1 | | | | |
| 30 | 9.4 | 12.6 | 24.6 | 40.1 | 65.5 | 115.6 | 236.0 | 403.8 | 403.8 | 236.0 | 115.6 | 65.5 | 40.1 | 24.6 | 12.6 | 9.4 | | | |
| 20 | | 13.7 | 26.5 | 45.5 | 84.2 | 222.5 | 799.6 | 1986.8 | 1986.8 | 799.6 | 222.5 | 84.2 | 45.5 | 26.5 | 13.7 | | | | |
| 10 | 10.2 | 14.2 | 27.6 | 49.0 | 100.4 | 370.6 | 1935.9 | 8501.4 | 8501.4 | 1935.9 | 370.6 | 100.4 | 49.0 | 27.6 | 14.2 | 10.2 | | | |
| 0 | | 14.2 | 27.6 | 49.0 | 100.4 | 370.6 | 1935.9 | 8501.4 | 8501.4 | 1935.9 | 370.6 | 100.4 | 49.0 | 27.6 | 14.2 | | | | |
| -10 | 9.4 | 13.7 | 26.5 | 45.5 | 84.2 | 222.5 | 799.6 | 1986.8 | 1986.8 | 799.6 | 222.5 | 84.2 | 45.5 | 26.5 | 13.7 | 9.4 | | | |
| -20 | | 12.6 | 24.6 | 40.1 | 65.5 | 115.6 | 236.0 | 403.8 | 403.8 | 236.0 | 115.6 | 65.5 | 40.1 | 24.6 | 12.6 | | | | |
| -30 | 6.9 | 11.1 | 21.8 | 34.5 | 50.5 | 72.3 | 98.9 | 121.3 | 121.3 | 98.9 | 72.3 | 50.5 | 34.5 | 21.8 | 11.1 | 6.9 | | | |
| -40 | | 9.0 | 18.3 | 28.8 | 39.9 | 51.2 | 61.9 | 68.6 | 68.6 | 61.9 | 51.2 | 39.9 | 28.8 | 18.3 | 9.0 | | | | |
| -50 | 3.8 | 6.7 | 13.9 | 22.5 | 31.0 | 38.6 | 44.4 | 47.6 | 47.6 | 44.4 | 38.6 | 31.0 | 22.5 | 13.9 | 6.7 | 3.8 | | | |
| -60 | | 4.2 | 9.0 | 14.9 | 21.2 | 26.7 | 30.8 | 33.0 | 33.0 | 30.8 | 26.7 | 21.2 | 14.9 | 9.0 | 4.2 | | | | |
| -70 | 1.1 | 8.4 | 22.3 | 36.3 | 42.1 | 36.3 | 22.3 | 8.4 | 1.1 | | | | | | 1.1 | | | | |
| -80 | | 1.1 | 8.4 | 22.3 | 36.3 | 42.1 | 36.3 | 22.3 | 8.4 | 1.1 | | | | | | | | | |
| -90 | 1.1 | 8.4 | 22.3 | 36.3 | 42.1 | 36.3 | 22.3 | 8.4 | 1.1 | | | | | | | | | | |
| | -90 | -80 | -70 | -60 | -50 | -40 | -30 | -20 | -10 | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 |

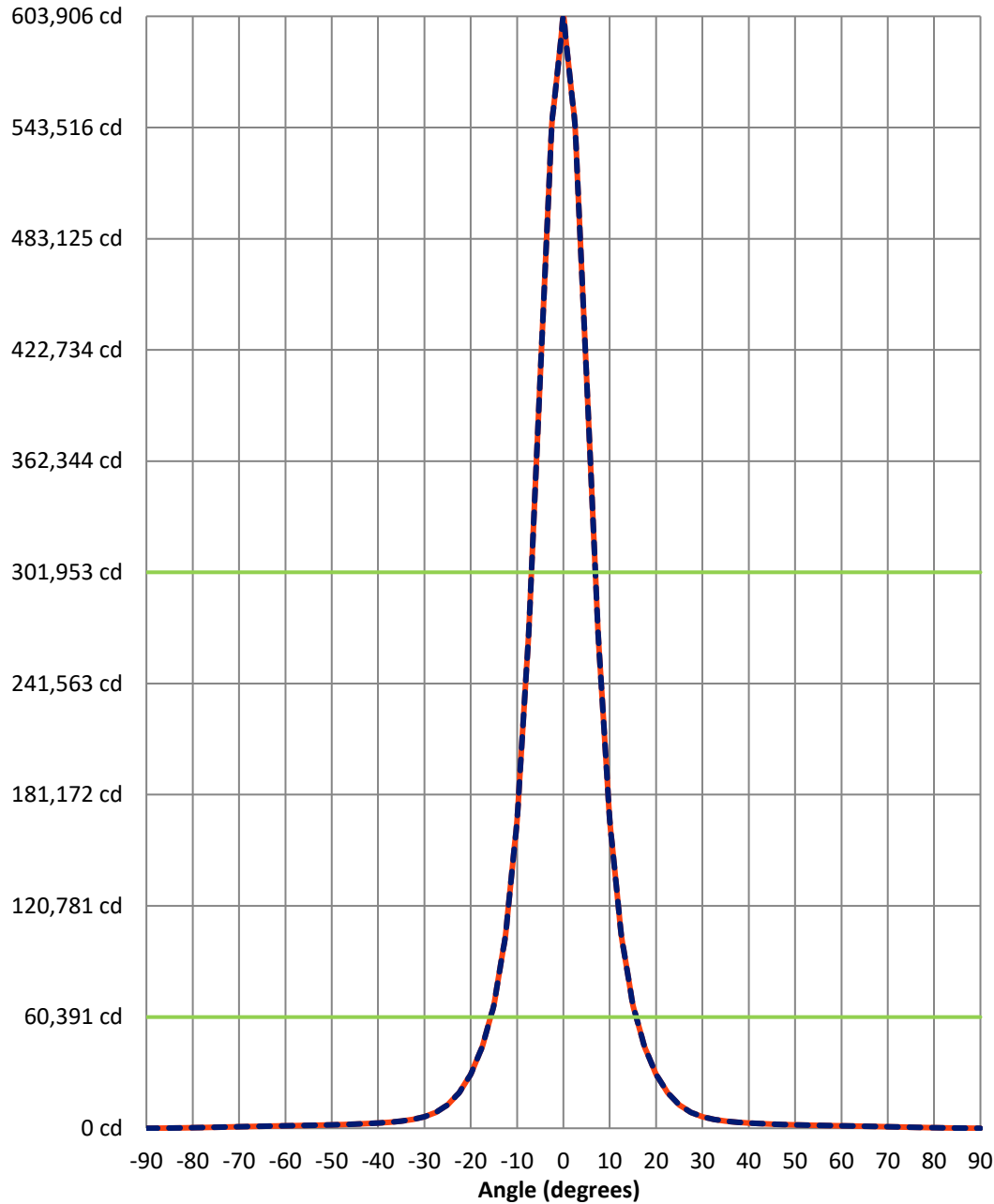
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CATALOG NUMBER: EPH-VN-08-E-PRO-4000K-33

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
H Angle: 13.8°
V Angle: 13.8°
Lumens: 18922.4
Efficiency: 29.2%

Field:
H Angle: 31.4°
V Angle: 31.4°
Lumens: 44059.5
Efficiency: 67.9%

Spill:
Lumens: 20833
Efficiency: 32.1%

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

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Scaled Data Report



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CATALOG NUMBER: EPH-VN-08-E-PRO-4000K-33

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 | 2.4 | 4.7 | 7.0 | 9.4 | 11.7 | 14.0 | 16.2 | 18.5 | 20.7 | 22.8 |
| 85° | 0.0 | 4.7 | 9.4 | 14.1 | 18.7 | 23.3 | 27.9 | 32.4 | 36.9 | 41.3 | 45.6 |
| 82.5° | 0.0 | 7.0 | 14.1 | 21.1 | 28.1 | 35.0 | 41.8 | 48.6 | 55.6 | 63.8 | 71.9 |
| 80° | 0.0 | 9.4 | 18.7 | 28.1 | 37.3 | 46.5 | 56.1 | 67.3 | 78.4 | 89.4 | 100.1 |
| 77.5° | 0.0 | 11.7 | 23.3 | 35.0 | 46.5 | 59.0 | 73.2 | 87.3 | 101.1 | 114.8 | 129.6 |
| 75° | 0.0 | 14.0 | 27.9 | 41.8 | 56.1 | 73.2 | 90.2 | 107.0 | 124.0 | 143.7 | 163.0 |
| 72.5° | 0.0 | 16.2 | 32.4 | 48.6 | 67.3 | 87.3 | 107.0 | 127.6 | 150.8 | 173.7 | 196.1 |
| 70° | 0.0 | 18.5 | 36.9 | 55.6 | 78.4 | 101.1 | 124.0 | 150.8 | 177.2 | 203.5 | 237.6 |
| 67.5° | 0.0 | 20.7 | 41.3 | 63.8 | 89.4 | 114.8 | 143.7 | 173.7 | 203.5 | 242.4 | 280.7 |
| 65° | 0.0 | 22.8 | 45.6 | 71.9 | 100.1 | 129.6 | 163.0 | 196.1 | 237.6 | 280.7 | 323.9 |
| 62.5° | 0.0 | 24.9 | 49.8 | 79.8 | 110.7 | 145.4 | 182.0 | 223.4 | 271.1 | 318.8 | 368.1 |
| 60° | 0.0 | 27.0 | 53.9 | 87.5 | 121.0 | 160.8 | 200.5 | 252.2 | 304.0 | 357.9 | 411.6 |
| 57.5° | 0.0 | 29.0 | 59.0 | 95.1 | 133.0 | 175.9 | 223.9 | 280.3 | 337.7 | 396.3 | 459.1 |
| 55° | 0.0 | 31.0 | 63.9 | 102.4 | 144.7 | 190.6 | 247.4 | 307.7 | 370.9 | 435.1 | 507.9 |
| 52.5° | 0.0 | 32.9 | 68.6 | 109.6 | 156.1 | 205.7 | 270.2 | 335.8 | 403.2 | 477.9 | 555.5 |
| 50° | 0.0 | 34.7 | 73.2 | 116.4 | 167.2 | 224.1 | 292.3 | 363.2 | 436.2 | 519.4 | 603.7 |
| 47.5° | 0.0 | 36.5 | 77.6 | 123.4 | 177.9 | 241.8 | 313.8 | 389.6 | 471.8 | 559.5 | 650.6 |
| 45° | 0.0 | 38.2 | 81.9 | 131.1 | 188.1 | 258.9 | 335.6 | 415.1 | 506.2 | 600.1 | 695.8 |
| 42.5° | 0.0 | 39.8 | 86.0 | 138.4 | 197.9 | 275.3 | 356.6 | 442.1 | 539.1 | 639.1 | 737.6 |
| 40° | 0.0 | 41.4 | 89.9 | 145.5 | 208.8 | 290.9 | 376.5 | 469.6 | 571.1 | 676.5 | 777.2 |
| 37.5° | 0.0 | 42.8 | 93.6 | 152.1 | 220.7 | 305.7 | 395.5 | 495.7 | 602.6 | 711.6 | 815.1 |
| 35° | 0.0 | 44.2 | 97.0 | 158.4 | 231.9 | 320.4 | 413.5 | 520.4 | 632.4 | 743.7 | 850.9 |
| 32.5° | 0.0 | 45.5 | 100.3 | 164.3 | 242.4 | 334.4 | 431.3 | 543.7 | 660.5 | 774.0 | 884.8 |
| 30° | 0.0 | 46.8 | 103.4 | 169.9 | 252.2 | 347.5 | 449.8 | 565.8 | 686.9 | 802.3 | 916.6 |
| 27.5° | 0.0 | 47.9 | 106.2 | 175.0 | 261.4 | 359.7 | 467.1 | 587.0 | 710.9 | 828.7 | 946.1 |
| 25° | 0.0 | 48.9 | 108.8 | 179.7 | 269.8 | 370.9 | 483.0 | 606.6 | 732.3 | 853.1 | 973.4 |
| 22.5° | 0.0 | 49.9 | 111.2 | 184.0 | 277.4 | 381.1 | 497.5 | 624.5 | 751.9 | 875.3 | 997.0 |
| 20° | 0.0 | 50.7 | 113.3 | 187.9 | 284.3 | 390.3 | 510.5 | 640.6 | 769.6 | 895.3 | 1018.4 |
| 17.5° | 0.0 | 51.5 | 115.2 | 191.3 | 290.4 | 398.4 | 522.1 | 654.9 | 785.2 | 913.2 | 1037.4 |
| 15° | 0.0 | 52.2 | 116.9 | 194.3 | 295.7 | 405.5 | 532.2 | 667.3 | 798.9 | 928.7 | 1054.0 |
| 12.5° | 0.0 | 52.7 | 118.3 | 196.8 | 300.3 | 411.6 | 540.8 | 677.9 | 810.5 | 942.0 | 1068.1 |
| 10° | 0.0 | 53.2 | 119.4 | 198.9 | 304.0 | 416.5 | 547.8 | 686.6 | 820.1 | 952.8 | 1079.7 |
| 7.5° | 0.0 | 53.5 | 120.3 | 200.5 | 306.9 | 420.4 | 553.3 | 693.4 | 827.6 | 961.3 | 1088.8 |
| 5° | 0.0 | 53.8 | 121.0 | 201.7 | 308.9 | 423.2 | 557.2 | 698.3 | 832.9 | 967.4 | 1095.3 |
| 2.5° | 0.0 | 53.9 | 121.4 | 202.4 | 310.2 | 424.8 | 559.6 | 701.2 | 836.1 | 971.1 | 1099.2 |
| 0° | 0.0 | 54.0 | 121.5 | 202.6 | 310.6 | 425.4 | 560.4 | 702.2 | 837.2 | 972.3 | 1100.5 |
| -2.5° | 0.0 | 53.9 | 121.4 | 202.4 | 310.2 | 424.8 | 559.6 | 701.2 | 836.1 | 971.1 | 1099.2 |
| -5° | 0.0 | 53.8 | 121.0 | 201.7 | 308.9 | 423.2 | 557.2 | 698.3 | 832.9 | 967.4 | 1095.3 |
| -7.5° | 0.0 | 53.5 | 120.3 | 200.5 | 306.9 | 420.4 | 553.3 | 693.4 | 827.6 | 961.3 | 1088.8 |
| -10° | 0.0 | 53.2 | 119.4 | 198.9 | 304.0 | 416.5 | 547.8 | 686.6 | 820.1 | 952.8 | 1079.7 |
| -12.5° | 0.0 | 52.7 | 118.3 | 196.8 | 300.3 | 411.6 | 540.8 | 677.9 | 810.5 | 942.0 | 1068.1 |
| -15° | 0.0 | 52.2 | 116.9 | 194.3 | 295.7 | 405.5 | 532.2 | 667.3 | 798.9 | 928.7 | 1054.0 |
| -17.5° | 0.0 | 51.5 | 115.2 | 191.3 | 290.4 | 398.4 | 522.1 | 654.9 | 785.2 | 913.2 | 1037.4 |
| -20° | 0.0 | 50.7 | 113.3 | 187.9 | 284.3 | 390.3 | 510.5 | 640.6 | 769.6 | 895.3 | 1018.4 |

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Scaled Data Report



REPORT NUMBER: P624792 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-08-E-PRO-4000K-33

CANDELA DISTRIBUTION (continued):

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|
| -22.5° | 0.0 | 49.9 | 111.2 | 184.0 | 277.4 | 381.1 | 497.5 | 624.5 | 751.9 | 875.3 | 997.0 |
| -25° | 0.0 | 48.9 | 108.8 | 179.7 | 269.8 | 370.9 | 483.0 | 606.6 | 732.3 | 853.1 | 973.4 |
| -27.5° | 0.0 | 47.9 | 106.2 | 175.0 | 261.4 | 359.7 | 467.1 | 587.0 | 710.9 | 828.7 | 946.1 |
| -30° | 0.0 | 46.8 | 103.4 | 169.9 | 252.2 | 347.5 | 449.8 | 565.8 | 686.9 | 802.3 | 916.6 |
| -32.5° | 0.0 | 45.5 | 100.3 | 164.3 | 242.4 | 334.4 | 431.3 | 543.7 | 660.5 | 774.0 | 884.8 |
| -35° | 0.0 | 44.2 | 97.0 | 158.4 | 231.9 | 320.4 | 413.5 | 520.4 | 632.4 | 743.7 | 850.9 |
| -37.5° | 0.0 | 42.8 | 93.6 | 152.1 | 220.7 | 305.7 | 395.5 | 495.7 | 602.6 | 711.6 | 815.1 |
| -40° | 0.0 | 41.4 | 89.9 | 145.5 | 208.8 | 290.9 | 376.5 | 469.6 | 571.1 | 676.5 | 777.2 |
| -42.5° | 0.0 | 39.8 | 86.0 | 138.4 | 197.9 | 275.3 | 356.6 | 442.1 | 539.1 | 639.1 | 737.6 |
| -45° | 0.0 | 38.2 | 81.9 | 131.1 | 188.1 | 258.9 | 335.6 | 415.1 | 506.2 | 600.1 | 695.8 |
| -47.5° | 0.0 | 36.5 | 77.6 | 123.4 | 177.9 | 241.8 | 313.8 | 389.6 | 471.8 | 559.5 | 650.6 |
| -50° | 0.0 | 34.7 | 73.2 | 116.4 | 167.2 | 224.1 | 292.3 | 363.2 | 436.2 | 519.4 | 603.7 |
| -52.5° | 0.0 | 32.9 | 68.6 | 109.6 | 156.1 | 205.7 | 270.2 | 335.8 | 403.2 | 477.9 | 555.5 |
| -55° | 0.0 | 31.0 | 63.9 | 102.4 | 144.7 | 190.6 | 247.4 | 307.7 | 370.9 | 435.1 | 507.9 |
| -57.5° | 0.0 | 29.0 | 59.0 | 95.1 | 133.0 | 175.9 | 223.9 | 280.3 | 337.7 | 396.3 | 459.1 |
| -60° | 0.0 | 27.0 | 53.9 | 87.5 | 121.0 | 160.8 | 200.5 | 252.2 | 304.0 | 357.9 | 411.6 |
| -62.5° | 0.0 | 24.9 | 49.8 | 79.8 | 110.7 | 145.4 | 182.0 | 223.4 | 271.1 | 318.8 | 368.1 |
| -65° | 0.0 | 22.8 | 45.6 | 71.9 | 100.1 | 129.6 | 163.0 | 196.1 | 237.6 | 280.7 | 323.9 |
| -67.5° | 0.0 | 20.7 | 41.3 | 63.8 | 89.4 | 114.8 | 143.7 | 173.7 | 203.5 | 242.4 | 280.7 |
| -70° | 0.0 | 18.5 | 36.9 | 55.6 | 78.4 | 101.1 | 124.0 | 150.8 | 177.2 | 203.5 | 237.6 |
| -72.5° | 0.0 | 16.2 | 32.4 | 48.6 | 67.3 | 87.3 | 107.0 | 127.6 | 150.8 | 173.7 | 196.1 |
| -75° | 0.0 | 14.0 | 27.9 | 41.8 | 56.1 | 73.2 | 90.2 | 107.0 | 124.0 | 143.7 | 163.0 |
| -77.5° | 0.0 | 11.7 | 23.3 | 35.0 | 46.5 | 59.0 | 73.2 | 87.3 | 101.1 | 114.8 | 129.6 |
| -80° | 0.0 | 9.4 | 18.7 | 28.1 | 37.3 | 46.5 | 56.1 | 67.3 | 78.4 | 89.4 | 100.1 |
| -82.5° | 0.0 | 7.0 | 14.1 | 21.1 | 28.1 | 35.0 | 41.8 | 48.6 | 55.6 | 63.8 | 71.9 |
| -85° | 0.0 | 4.7 | 9.4 | 14.1 | 18.7 | 23.3 | 27.9 | 32.4 | 36.9 | 41.3 | 45.6 |
| -87.5° | 0.0 | 2.4 | 4.7 | 7.0 | 9.4 | 11.7 | 14.0 | 16.2 | 18.5 | 20.7 | 22.8 |
| -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: P624792 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-08-E-PRO-4000K-33

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° | 24.9 | 27.0 | 29.0 | 31.0 | 32.9 | 34.7 | 36.5 | 38.2 | 39.8 | 41.4 | 42.8 |
| 85° | 49.8 | 53.9 | 59.0 | 63.9 | 68.6 | 73.2 | 77.6 | 81.9 | 86.0 | 89.9 | 93.6 |
| 82.5° | 79.8 | 87.5 | 95.1 | 102.4 | 109.6 | 116.4 | 123.4 | 131.1 | 138.4 | 145.5 | 152.1 |
| 80° | 110.7 | 121.0 | 133.0 | 144.7 | 156.1 | 167.2 | 177.9 | 188.1 | 197.9 | 208.8 | 220.7 |
| 77.5° | 145.4 | 160.8 | 175.9 | 190.6 | 205.7 | 224.1 | 241.8 | 258.9 | 275.3 | 290.9 | 305.7 |
| 75° | 182.0 | 200.5 | 223.9 | 247.4 | 270.2 | 292.3 | 313.8 | 335.6 | 356.6 | 376.5 | 395.5 |
| 72.5° | 223.4 | 252.2 | 280.3 | 307.7 | 335.8 | 363.2 | 389.6 | 415.1 | 442.1 | 469.6 | 495.7 |
| 70° | 271.1 | 304.0 | 337.7 | 370.9 | 403.2 | 436.2 | 471.8 | 506.2 | 539.1 | 571.1 | 602.6 |
| 67.5° | 318.8 | 357.9 | 396.3 | 435.1 | 477.9 | 519.4 | 559.5 | 600.1 | 639.1 | 676.5 | 711.6 |
| 65° | 368.1 | 411.6 | 459.1 | 507.9 | 555.5 | 603.7 | 650.6 | 695.8 | 737.6 | 777.2 | 815.1 |
| 62.5° | 416.7 | 471.2 | 526.1 | 580.7 | 635.6 | 688.9 | 738.8 | 786.3 | 832.0 | 875.8 | 917.7 |
| 60° | 471.2 | 532.2 | 593.5 | 654.9 | 714.1 | 769.6 | 823.3 | 875.3 | 925.4 | 973.4 | 1016.9 |
| 57.5° | 526.1 | 593.5 | 661.3 | 726.5 | 788.2 | 848.2 | 906.6 | 963.1 | 1015.2 | 1064.9 | 1112.4 |
| 55° | 580.7 | 654.9 | 726.5 | 794.4 | 860.8 | 925.5 | 987.6 | 1045.5 | 1101.4 | 1155.1 | 1206.6 |
| 52.5° | 635.6 | 714.1 | 788.2 | 860.8 | 931.9 | 999.8 | 1063.8 | 1126.0 | 1186.1 | 1241.6 | 1288.4 |
| 50° | 688.9 | 769.6 | 848.2 | 925.5 | 999.8 | 1070.0 | 1138.4 | 1204.9 | 1262.9 | 1315.2 | 1367.2 |
| 47.5° | 738.8 | 823.3 | 906.6 | 987.6 | 1063.8 | 1138.4 | 1211.2 | 1273.6 | 1331.5 | 1390.4 | 1447.5 |
| 45° | 786.3 | 875.3 | 963.1 | 1045.5 | 1126.0 | 1204.9 | 1273.6 | 1336.9 | 1402.1 | 1466.9 | 1534.9 |
| 42.5° | 832.0 | 925.4 | 1015.2 | 1101.4 | 1186.1 | 1262.9 | 1331.5 | 1402.1 | 1473.5 | 1548.5 | 1618.7 |
| 40° | 875.8 | 973.4 | 1064.9 | 1155.1 | 1241.6 | 1315.2 | 1390.4 | 1466.9 | 1548.5 | 1625.2 | 1697.8 |
| 37.5° | 917.7 | 1016.9 | 1112.4 | 1206.6 | 1288.4 | 1367.2 | 1447.5 | 1534.9 | 1618.7 | 1697.8 | 1791.0 |
| 35° | 957.4 | 1058.4 | 1157.6 | 1251.5 | 1333.1 | 1418.2 | 1508.1 | 1599.2 | 1684.5 | 1782.6 | 1885.9 |
| 32.5° | 993.8 | 1097.5 | 1200.4 | 1290.7 | 1377.8 | 1468.4 | 1566.3 | 1658.2 | 1757.8 | 1866.6 | 1984.9 |
| 30° | 1027.2 | 1134.3 | 1238.8 | 1327.6 | 1420.2 | 1519.6 | 1619.2 | 1716.9 | 1831.0 | 1955.4 | 2103.7 |
| 27.5° | 1058.4 | 1168.6 | 1270.4 | 1363.6 | 1460.9 | 1567.7 | 1668.2 | 1781.3 | 1906.8 | 2047.5 | 2229.2 |
| 25° | 1087.1 | 1200.4 | 1299.8 | 1397.5 | 1502.2 | 1610.6 | 1716.6 | 1841.4 | 1980.2 | 2157.7 | 2368.2 |
| 22.5° | 1113.4 | 1229.3 | 1326.6 | 1428.6 | 1540.0 | 1649.5 | 1768.0 | 1903.3 | 2059.8 | 2261.0 | 2503.1 |
| 20° | 1137.2 | 1251.5 | 1351.8 | 1457.5 | 1574.4 | 1684.8 | 1814.9 | 1960.8 | 2146.7 | 2376.1 | 2630.8 |
| 17.5° | 1158.4 | 1271.2 | 1374.8 | 1485.6 | 1603.8 | 1719.8 | 1857.8 | 2012.5 | 2224.9 | 2479.9 | 2748.2 |
| 15° | 1176.9 | 1288.4 | 1394.9 | 1510.3 | 1629.3 | 1753.8 | 1899.7 | 2073.6 | 2302.8 | 2572.9 | 2853.4 |
| 12.5° | 1192.6 | 1303.1 | 1412.1 | 1531.4 | 1651.1 | 1782.8 | 1935.6 | 2128.2 | 2375.6 | 2655.7 | 2977.2 |
| 10° | 1205.6 | 1315.2 | 1426.2 | 1548.7 | 1669.1 | 1806.8 | 1965.3 | 2173.4 | 2436.1 | 2724.5 | 3080.3 |
| 7.5° | 1215.7 | 1324.7 | 1437.3 | 1562.3 | 1683.2 | 1825.6 | 1988.6 | 2209.0 | 2483.6 | 2778.7 | 3161.7 |
| 5° | 1223.0 | 1331.5 | 1445.2 | 1572.1 | 1693.3 | 1839.1 | 2005.3 | 2234.5 | 2517.8 | 2817.8 | 3220.5 |
| 2.5° | 1227.3 | 1335.5 | 1450.0 | 1577.9 | 1699.4 | 1847.3 | 2015.4 | 2249.9 | 2538.5 | 2841.4 | 3256.0 |
| 0° | 1228.8 | 1336.9 | 1451.6 | 1579.9 | 1701.4 | 1850.0 | 2018.8 | 2255.1 | 2545.4 | 2849.3 | 3267.9 |
| -2.5° | 1227.3 | 1335.5 | 1450.0 | 1577.9 | 1699.4 | 1847.3 | 2015.4 | 2249.9 | 2538.5 | 2841.4 | 3256.0 |
| -5° | 1223.0 | 1331.5 | 1445.2 | 1572.1 | 1693.3 | 1839.1 | 2005.3 | 2234.5 | 2517.8 | 2817.8 | 3220.5 |
| -7.5° | 1215.7 | 1324.7 | 1437.3 | 1562.3 | 1683.2 | 1825.6 | 1988.6 | 2209.0 | 2483.6 | 2778.7 | 3161.7 |
| -10° | 1205.6 | 1315.2 | 1426.2 | 1548.7 | 1669.1 | 1806.8 | 1965.3 | 2173.4 | 2436.1 | 2724.5 | 3080.3 |
| -12.5° | 1192.6 | 1303.1 | 1412.1 | 1531.4 | 1651.1 | 1782.8 | 1935.6 | 2128.2 | 2375.6 | 2655.7 | 2977.2 |
| -15° | 1176.9 | 1288.4 | 1394.9 | 1510.3 | 1629.3 | 1753.8 | 1899.7 | 2073.6 | 2302.8 | 2572.9 | 2853.4 |
| -17.5° | 1158.4 | 1271.2 | 1374.8 | 1485.6 | 1603.8 | 1719.8 | 1857.8 | 2012.5 | 2224.9 | 2479.9 | 2748.2 |
| -20° | 1137.2 | 1251.5 | 1351.8 | 1457.5 | 1574.4 | 1684.8 | 1814.9 | 1960.8 | 2146.7 | 2376.1 | 2630.8 |

Classified

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

Scaled Data Report



REPORT NUMBER: P624792 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-08-E-PRO-4000K-33

CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 1113.4 | 1229.3 | 1326.6 | 1428.6 | 1540.0 | 1649.5 | 1768.0 | 1903.3 | 2059.8 | 2261.0 | 2503.1 |
| -25° | 1087.1 | 1200.4 | 1299.8 | 1397.5 | 1502.2 | 1610.6 | 1716.6 | 1841.4 | 1980.2 | 2157.7 | 2368.2 |
| -27.5° | 1058.4 | 1168.6 | 1270.4 | 1363.6 | 1460.9 | 1567.7 | 1668.2 | 1781.3 | 1906.8 | 2047.5 | 2229.2 |
| -30° | 1027.2 | 1134.3 | 1238.8 | 1327.6 | 1420.2 | 1519.6 | 1619.2 | 1716.9 | 1831.0 | 1955.4 | 2103.7 |
| -32.5° | 993.8 | 1097.5 | 1200.4 | 1290.7 | 1377.8 | 1468.4 | 1566.3 | 1658.2 | 1757.8 | 1866.6 | 1984.9 |
| -35° | 957.4 | 1058.4 | 1157.6 | 1251.5 | 1333.1 | 1418.2 | 1508.1 | 1599.2 | 1684.5 | 1782.6 | 1885.9 |
| -37.5° | 917.7 | 1016.9 | 1112.4 | 1206.6 | 1288.4 | 1367.2 | 1447.5 | 1534.9 | 1618.7 | 1697.8 | 1791.0 |
| -40° | 875.8 | 973.4 | 1064.9 | 1155.1 | 1241.6 | 1315.2 | 1390.4 | 1466.9 | 1548.5 | 1625.2 | 1697.8 |
| -42.5° | 832.0 | 925.4 | 1015.2 | 1101.4 | 1186.1 | 1262.9 | 1331.5 | 1402.1 | 1473.5 | 1548.5 | 1618.7 |
| -45° | 786.3 | 875.3 | 963.1 | 1045.5 | 1126.0 | 1204.9 | 1273.6 | 1336.9 | 1402.1 | 1466.9 | 1534.9 |
| -47.5° | 738.8 | 823.3 | 906.6 | 987.6 | 1063.8 | 1138.4 | 1211.2 | 1273.6 | 1331.5 | 1390.4 | 1447.5 |
| -50° | 688.9 | 769.6 | 848.2 | 925.5 | 999.8 | 1070.0 | 1138.4 | 1204.9 | 1262.9 | 1315.2 | 1367.2 |
| -52.5° | 635.6 | 714.1 | 788.2 | 860.8 | 931.9 | 999.8 | 1063.8 | 1126.0 | 1186.1 | 1241.6 | 1288.4 |
| -55° | 580.7 | 654.9 | 726.5 | 794.4 | 860.8 | 925.5 | 987.6 | 1045.5 | 1101.4 | 1155.1 | 1206.6 |
| -57.5° | 526.1 | 593.5 | 661.3 | 726.5 | 788.2 | 848.2 | 906.6 | 963.1 | 1015.2 | 1064.9 | 1112.4 |
| -60° | 471.2 | 532.2 | 593.5 | 654.9 | 714.1 | 769.6 | 823.3 | 875.3 | 925.4 | 973.4 | 1016.9 |
| -62.5° | 416.7 | 471.2 | 526.1 | 580.7 | 635.6 | 688.9 | 738.8 | 786.3 | 832.0 | 875.8 | 917.7 |
| -65° | 368.1 | 411.6 | 459.1 | 507.9 | 555.5 | 603.7 | 650.6 | 695.8 | 737.6 | 777.2 | 815.1 |
| -67.5° | 318.8 | 357.9 | 396.3 | 435.1 | 477.9 | 519.4 | 559.5 | 600.1 | 639.1 | 676.5 | 711.6 |
| -70° | 271.1 | 304.0 | 337.7 | 370.9 | 403.2 | 436.2 | 471.8 | 506.2 | 539.1 | 571.1 | 602.6 |
| -72.5° | 223.4 | 252.2 | 280.3 | 307.7 | 335.8 | 363.2 | 389.6 | 415.1 | 442.1 | 469.6 | 495.7 |
| -75° | 182.0 | 200.5 | 223.9 | 247.4 | 270.2 | 292.3 | 313.8 | 335.6 | 356.6 | 376.5 | 395.5 |
| -77.5° | 145.4 | 160.8 | 175.9 | 190.6 | 205.7 | 224.1 | 241.8 | 258.9 | 275.3 | 290.9 | 305.7 |
| -80° | 110.7 | 121.0 | 133.0 | 144.7 | 156.1 | 167.2 | 177.9 | 188.1 | 197.9 | 208.8 | 220.7 |
| -82.5° | 79.8 | 87.5 | 95.1 | 102.4 | 109.6 | 116.4 | 123.4 | 131.1 | 138.4 | 145.5 | 152.1 |
| -85° | 49.8 | 53.9 | 59.0 | 63.9 | 68.6 | 73.2 | 77.6 | 81.9 | 86.0 | 89.9 | 93.6 |
| -87.5° | 24.9 | 27.0 | 29.0 | 31.0 | 32.9 | 34.7 | 36.5 | 38.2 | 39.8 | 41.4 | 42.8 |
| -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: P624792 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-08-E-PRO-4000K-33

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° | 44.2 | 45.5 | 46.8 | 47.9 | 48.9 | 49.9 | 50.7 | 51.5 | 52.2 | 52.7 | 53.2 |
| 85° | 97.0 | 100.3 | 103.4 | 106.2 | 108.8 | 111.2 | 113.3 | 115.2 | 116.9 | 118.3 | 119.4 |
| 82.5° | 158.4 | 164.3 | 169.9 | 175.0 | 179.7 | 184.0 | 187.9 | 191.3 | 194.3 | 196.8 | 198.9 |
| 80° | 231.9 | 242.4 | 252.2 | 261.4 | 269.8 | 277.4 | 284.3 | 290.4 | 295.7 | 300.3 | 304.0 |
| 77.5° | 320.4 | 334.4 | 347.5 | 359.7 | 370.9 | 381.1 | 390.3 | 398.4 | 405.5 | 411.6 | 416.5 |
| 75° | 413.5 | 431.3 | 449.8 | 467.1 | 483.0 | 497.5 | 510.5 | 522.1 | 532.2 | 540.8 | 547.8 |
| 72.5° | 520.4 | 543.7 | 565.8 | 587.0 | 606.6 | 624.5 | 640.6 | 654.9 | 667.3 | 677.9 | 686.6 |
| 70° | 632.4 | 660.5 | 686.9 | 710.9 | 732.3 | 751.9 | 769.6 | 785.2 | 798.9 | 810.5 | 820.1 |
| 67.5° | 743.7 | 774.0 | 802.3 | 828.7 | 853.1 | 875.3 | 895.3 | 913.2 | 928.7 | 942.0 | 952.8 |
| 65° | 850.9 | 884.8 | 916.6 | 946.1 | 973.4 | 997.0 | 1018.4 | 1037.4 | 1054.0 | 1068.1 | 1079.7 |
| 62.5° | 957.4 | 993.8 | 1027.2 | 1058.4 | 1087.1 | 1113.4 | 1137.2 | 1158.4 | 1176.9 | 1192.6 | 1205.6 |
| 60° | 1058.4 | 1097.5 | 1134.3 | 1168.6 | 1200.4 | 1229.3 | 1251.5 | 1271.2 | 1288.4 | 1303.1 | 1315.2 |
| 57.5° | 1157.6 | 1200.4 | 1238.8 | 1270.4 | 1299.8 | 1326.6 | 1351.8 | 1374.8 | 1394.9 | 1412.1 | 1426.2 |
| 55° | 1251.5 | 1290.7 | 1327.6 | 1363.6 | 1397.5 | 1428.6 | 1457.5 | 1485.6 | 1510.3 | 1531.4 | 1548.7 |
| 52.5° | 1333.1 | 1377.8 | 1420.2 | 1460.9 | 1502.2 | 1540.0 | 1574.4 | 1603.8 | 1629.3 | 1651.1 | 1669.1 |
| 50° | 1418.2 | 1468.4 | 1519.6 | 1567.7 | 1610.6 | 1649.5 | 1684.8 | 1719.8 | 1753.8 | 1782.8 | 1806.8 |
| 47.5° | 1508.1 | 1566.3 | 1619.2 | 1668.2 | 1716.6 | 1768.0 | 1814.9 | 1857.8 | 1899.7 | 1935.6 | 1965.3 |
| 45° | 1599.2 | 1658.2 | 1716.9 | 1781.3 | 1841.4 | 1903.3 | 1960.8 | 2012.5 | 2073.6 | 2128.2 | 2173.4 |
| 42.5° | 1684.5 | 1757.8 | 1831.0 | 1906.8 | 1980.2 | 2059.8 | 2146.7 | 2224.9 | 2302.8 | 2375.6 | 2436.1 |
| 40° | 1782.6 | 1866.6 | 1955.4 | 2047.5 | 2157.7 | 2261.0 | 2376.1 | 2479.9 | 2572.9 | 2655.7 | 2724.5 |
| 37.5° | 1885.9 | 1984.9 | 2103.7 | 2229.2 | 2368.2 | 2503.1 | 2630.8 | 2748.2 | 2853.4 | 2977.2 | 3080.3 |
| 35° | 1994.8 | 2132.1 | 2276.8 | 2441.1 | 2598.5 | 2749.9 | 2904.8 | 3079.4 | 3234.7 | 3418.2 | 3584.8 |
| 32.5° | 2132.1 | 2294.8 | 2478.0 | 2657.9 | 2831.2 | 3048.0 | 3254.9 | 3528.3 | 3778.0 | 4045.7 | 4314.4 |
| 30° | 2276.8 | 2478.0 | 2677.9 | 2881.1 | 3135.6 | 3426.9 | 3757.0 | 4140.3 | 4540.6 | 4937.5 | 5399.7 |
| 27.5° | 2441.1 | 2657.9 | 2881.1 | 3165.2 | 3517.5 | 3901.4 | 4425.9 | 4966.0 | 5649.7 | 6249.4 | 7090.6 |
| 25° | 2598.5 | 2831.2 | 3135.6 | 3517.5 | 3971.5 | 4571.5 | 5322.6 | 6142.2 | 7305.3 | 8396.2 | 9780.5 |
| 22.5° | 2749.9 | 3048.0 | 3426.9 | 3901.4 | 4571.5 | 5443.2 | 6488.5 | 7961.3 | 9751.7 | 11766.3 | 13980.7 |
| 20° | 2904.8 | 3254.9 | 3757.0 | 4425.9 | 5322.6 | 6488.5 | 8183.8 | 10540.5 | 13196.1 | 16792.3 | 20216.6 |
| 17.5° | 3079.4 | 3528.3 | 4140.3 | 4966.0 | 6142.2 | 7961.3 | 10540.5 | 13883.5 | 18249.9 | 23732.6 | 28998.0 |
| 15° | 3234.7 | 3778.0 | 4540.6 | 5649.7 | 7305.3 | 9751.7 | 13196.1 | 18249.9 | 24938.6 | 32722.6 | 41572.4 |
| 12.5° | 3418.2 | 4045.7 | 4937.5 | 6249.4 | 8396.2 | 11766.3 | 16792.3 | 23732.6 | 32722.6 | 43721.8 | 58259.5 |
| 10° | 3584.8 | 4314.4 | 5399.7 | 7090.6 | 9780.5 | 13980.7 | 20216.6 | 28998.0 | 41572.4 | 58259.5 | 80412.5 |
| 7.5° | 3716.6 | 4527.6 | 5767.6 | 7764.3 | 11035.7 | 16247.6 | 24075.4 | 35373.6 | 51286.0 | 73748.3 | 105279.9 |
| 5° | 3811.9 | 4682.2 | 6035.1 | 8255.9 | 11955.8 | 17918.8 | 26942.2 | 40278.1 | 59743.3 | 90364.7 | 137972.7 |
| 2.5° | 3869.7 | 4775.9 | 6197.6 | 8555.3 | 12517.8 | 18944.1 | 28711.1 | 43329.3 | 65068.3 | 101021.0 | 159573.0 |
| 0° | 3889.0 | 4807.3 | 6252.1 | 8655.8 | 12706.9 | 19289.8 | 29309.5 | 44366.0 | 66889.9 | 104706.6 | 167187.6 |
| -2.5° | 3869.7 | 4775.9 | 6197.6 | 8555.3 | 12517.8 | 18944.1 | 28711.1 | 43329.3 | 65068.3 | 101021.0 | 159573.0 |
| -5° | 3811.9 | 4682.2 | 6035.1 | 8255.9 | 11955.8 | 17918.8 | 26942.2 | 40278.1 | 59743.3 | 90364.7 | 137972.7 |
| -7.5° | 3716.6 | 4527.6 | 5767.6 | 7764.3 | 11035.7 | 16247.6 | 24075.4 | 35373.6 | 51286.0 | 73748.3 | 105279.9 |
| -10° | 3584.8 | 4314.4 | 5399.7 | 7090.6 | 9780.5 | 13980.7 | 20216.6 | 28998.0 | 41572.4 | 58259.5 | 80412.5 |
| -12.5° | 3418.2 | 4045.7 | 4937.5 | 6249.4 | 8396.2 | 11766.3 | 16792.3 | 23732.6 | 32722.6 | 43721.8 | 58259.5 |
| -15° | 3234.7 | 3778.0 | 4540.6 | 5649.7 | 7305.3 | 9751.7 | 13196.1 | 18249.9 | 24938.6 | 32722.6 | 41572.4 |
| -17.5° | 3079.4 | 3528.3 | 4140.3 | 4966.0 | 6142.2 | 7961.3 | 10540.5 | 13883.5 | 18249.9 | 23732.6 | 28998.0 |
| -20° | 2904.8 | 3254.9 | 3757.0 | 4425.9 | 5322.6 | 6488.5 | 8183.8 | 10540.5 | 13196.1 | 16792.3 | 20216.6 |

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
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Scaled Data Report



REPORT NUMBER: P624792 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-08-E-PRO-4000K-33

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|
| -22.5° | 2749.9 | 3048.0 | 3426.9 | 3901.4 | 4571.5 | 5443.2 | 6488.5 | 7961.3 | 9751.7 | 11766.3 | 13980.7 |
| -25° | 2598.5 | 2831.2 | 3135.6 | 3517.5 | 3971.5 | 4571.5 | 5322.6 | 6142.2 | 7305.3 | 8396.2 | 9780.5 |
| -27.5° | 2441.1 | 2657.9 | 2881.1 | 3165.2 | 3517.5 | 3901.4 | 4425.9 | 4966.0 | 5649.7 | 6249.4 | 7090.6 |
| -30° | 2276.8 | 2478.0 | 2677.9 | 2881.1 | 3135.6 | 3426.9 | 3757.0 | 4140.3 | 4540.6 | 4937.5 | 5399.7 |
| -32.5° | 2132.1 | 2294.8 | 2478.0 | 2657.9 | 2831.2 | 3048.0 | 3254.9 | 3528.3 | 3778.0 | 4045.7 | 4314.4 |
| -35° | 1994.8 | 2132.1 | 2276.8 | 2441.1 | 2598.5 | 2749.9 | 2904.8 | 3079.4 | 3234.7 | 3418.2 | 3584.8 |
| -37.5° | 1885.9 | 1984.9 | 2103.7 | 2229.2 | 2368.2 | 2503.1 | 2630.8 | 2748.2 | 2853.4 | 2977.2 | 3080.3 |
| -40° | 1782.6 | 1866.6 | 1955.4 | 2047.5 | 2157.7 | 2261.0 | 2376.1 | 2479.9 | 2572.9 | 2655.7 | 2724.5 |
| -42.5° | 1684.5 | 1757.8 | 1831.0 | 1906.8 | 1980.2 | 2059.8 | 2146.7 | 2224.9 | 2302.8 | 2375.6 | 2436.1 |
| -45° | 1599.2 | 1658.2 | 1716.9 | 1781.3 | 1841.4 | 1903.3 | 1960.8 | 2012.5 | 2073.6 | 2128.2 | 2173.4 |
| -47.5° | 1508.1 | 1566.3 | 1619.2 | 1668.2 | 1716.6 | 1768.0 | 1814.9 | 1857.8 | 1899.7 | 1935.6 | 1965.3 |
| -50° | 1418.2 | 1468.4 | 1519.6 | 1567.7 | 1610.6 | 1649.5 | 1684.8 | 1719.8 | 1753.8 | 1782.8 | 1806.8 |
| -52.5° | 1333.1 | 1377.8 | 1420.2 | 1460.9 | 1502.2 | 1540.0 | 1574.4 | 1603.8 | 1629.3 | 1651.1 | 1669.1 |
| -55° | 1251.5 | 1290.7 | 1327.6 | 1363.6 | 1397.5 | 1428.6 | 1457.5 | 1485.6 | 1510.3 | 1531.4 | 1548.7 |
| -57.5° | 1157.6 | 1200.4 | 1238.8 | 1270.4 | 1299.8 | 1326.6 | 1351.8 | 1374.8 | 1394.9 | 1412.1 | 1426.2 |
| -60° | 1058.4 | 1097.5 | 1134.3 | 1168.6 | 1200.4 | 1229.3 | 1251.5 | 1271.2 | 1288.4 | 1303.1 | 1315.2 |
| -62.5° | 957.4 | 993.8 | 1027.2 | 1058.4 | 1087.1 | 1113.4 | 1137.2 | 1158.4 | 1176.9 | 1192.6 | 1205.6 |
| -65° | 850.9 | 884.8 | 916.6 | 946.1 | 973.4 | 997.0 | 1018.4 | 1037.4 | 1054.0 | 1068.1 | 1079.7 |
| -67.5° | 743.7 | 774.0 | 802.3 | 828.7 | 853.1 | 875.3 | 895.3 | 913.2 | 928.7 | 942.0 | 952.8 |
| -70° | 632.4 | 660.5 | 686.9 | 710.9 | 732.3 | 751.9 | 769.6 | 785.2 | 798.9 | 810.5 | 820.1 |
| -72.5° | 520.4 | 543.7 | 565.8 | 587.0 | 606.6 | 624.5 | 640.6 | 654.9 | 667.3 | 677.9 | 686.6 |
| -75° | 413.5 | 431.3 | 449.8 | 467.1 | 483.0 | 497.5 | 510.5 | 522.1 | 532.2 | 540.8 | 547.8 |
| -77.5° | 320.4 | 334.4 | 347.5 | 359.7 | 370.9 | 381.1 | 390.3 | 398.4 | 405.5 | 411.6 | 416.5 |
| -80° | 231.9 | 242.4 | 252.2 | 261.4 | 269.8 | 277.4 | 284.3 | 290.4 | 295.7 | 300.3 | 304.0 |
| -82.5° | 158.4 | 164.3 | 169.9 | 175.0 | 179.7 | 184.0 | 187.9 | 191.3 | 194.3 | 196.8 | 198.9 |
| -85° | 97.0 | 100.3 | 103.4 | 106.2 | 108.8 | 111.2 | 113.3 | 115.2 | 116.9 | 118.3 | 119.4 |
| -87.5° | 44.2 | 45.5 | 46.8 | 47.9 | 48.9 | 49.9 | 50.7 | 51.5 | 52.2 | 52.7 | 53.2 |
| -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: P624792 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-08-E-PRO-4000K-33

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° | 53.5 | 53.8 | 53.9 | 54.0 | 53.9 | 53.8 | 53.5 | 53.2 | 52.7 | 52.2 | 51.5 |
| 85° | 120.3 | 121.0 | 121.4 | 121.5 | 121.4 | 121.0 | 120.3 | 119.4 | 118.3 | 116.9 | 115.2 |
| 82.5° | 200.5 | 201.7 | 202.4 | 202.6 | 202.4 | 201.7 | 200.5 | 198.9 | 196.8 | 194.3 | 191.3 |
| 80° | 306.9 | 308.9 | 310.2 | 310.6 | 310.2 | 308.9 | 306.9 | 304.0 | 300.3 | 295.7 | 290.4 |
| 77.5° | 420.4 | 423.2 | 424.8 | 425.4 | 424.8 | 423.2 | 420.4 | 416.5 | 411.6 | 405.5 | 398.4 |
| 75° | 553.3 | 557.2 | 559.6 | 560.4 | 559.6 | 557.2 | 553.3 | 547.8 | 540.8 | 532.2 | 522.1 |
| 72.5° | 693.4 | 698.3 | 701.2 | 702.2 | 701.2 | 698.3 | 693.4 | 686.6 | 677.9 | 667.3 | 654.9 |
| 70° | 827.6 | 832.9 | 836.1 | 837.2 | 836.1 | 832.9 | 827.6 | 820.1 | 810.5 | 798.9 | 785.2 |
| 67.5° | 961.3 | 967.4 | 971.1 | 972.3 | 971.1 | 967.4 | 961.3 | 952.8 | 942.0 | 928.7 | 913.2 |
| 65° | 1088.8 | 1095.3 | 1099.2 | 1100.5 | 1099.2 | 1095.3 | 1088.8 | 1079.7 | 1068.1 | 1054.0 | 1037.4 |
| 62.5° | 1215.7 | 1223.0 | 1227.3 | 1228.8 | 1227.3 | 1223.0 | 1215.7 | 1205.6 | 1192.6 | 1176.9 | 1158.4 |
| 60° | 1324.7 | 1331.5 | 1335.5 | 1336.9 | 1335.5 | 1331.5 | 1324.7 | 1315.2 | 1303.1 | 1288.4 | 1271.2 |
| 57.5° | 1437.3 | 1445.2 | 1450.0 | 1451.6 | 1450.0 | 1445.2 | 1437.3 | 1426.2 | 1412.1 | 1394.9 | 1374.8 |
| 55° | 1562.3 | 1572.1 | 1577.9 | 1579.9 | 1577.9 | 1572.1 | 1562.3 | 1548.7 | 1531.4 | 1510.3 | 1485.6 |
| 52.5° | 1683.2 | 1693.3 | 1699.4 | 1701.4 | 1699.4 | 1693.3 | 1683.2 | 1669.1 | 1651.1 | 1629.3 | 1603.8 |
| 50° | 1825.6 | 1839.1 | 1847.3 | 1850.0 | 1847.3 | 1839.1 | 1825.6 | 1806.8 | 1782.8 | 1753.8 | 1719.8 |
| 47.5° | 1988.6 | 2005.3 | 2015.4 | 2018.8 | 2015.4 | 2005.3 | 1988.6 | 1965.3 | 1935.6 | 1899.7 | 1857.8 |
| 45° | 2209.0 | 2234.5 | 2249.9 | 2255.1 | 2249.9 | 2234.5 | 2209.0 | 2173.4 | 2128.2 | 2073.6 | 2012.5 |
| 42.5° | 2483.6 | 2517.8 | 2538.5 | 2545.4 | 2538.5 | 2517.8 | 2483.6 | 2436.1 | 2375.6 | 2302.8 | 2224.9 |
| 40° | 2778.7 | 2817.8 | 2841.4 | 2849.3 | 2841.4 | 2817.8 | 2778.7 | 2724.5 | 2655.7 | 2572.9 | 2479.9 |
| 37.5° | 3161.7 | 3220.5 | 3256.0 | 3267.9 | 3256.0 | 3220.5 | 3161.7 | 3080.3 | 2977.2 | 2853.4 | 2748.2 |
| 35° | 3716.6 | 3811.9 | 3869.7 | 3889.0 | 3869.7 | 3811.9 | 3716.6 | 3584.8 | 3418.2 | 3234.7 | 3079.4 |
| 32.5° | 4527.6 | 4682.2 | 4775.9 | 4807.3 | 4775.9 | 4682.2 | 4527.6 | 4314.4 | 4045.7 | 3778.0 | 3528.3 |
| 30° | 5767.6 | 6035.1 | 6197.6 | 6252.1 | 6197.6 | 6035.1 | 5767.6 | 5399.7 | 4937.5 | 4540.6 | 4140.3 |
| 27.5° | 7764.3 | 8255.9 | 8555.3 | 8655.8 | 8555.3 | 8255.9 | 7764.3 | 7090.6 | 6249.4 | 5649.7 | 4966.0 |
| 25° | 11035.7 | 11955.8 | 12517.8 | 12706.9 | 12517.8 | 11955.8 | 11035.7 | 9780.5 | 8396.2 | 7305.3 | 6142.2 |
| 22.5° | 16247.6 | 17918.8 | 18944.1 | 19289.8 | 18944.1 | 17918.8 | 16247.6 | 13980.7 | 11766.3 | 9751.7 | 7961.3 |
| 20° | 24075.4 | 26942.2 | 28711.1 | 29309.5 | 28711.1 | 26942.2 | 24075.4 | 20216.6 | 16792.3 | 13196.1 | 10540.5 |
| 17.5° | 35373.6 | 40278.1 | 43329.3 | 44366.0 | 43329.3 | 40278.1 | 35373.6 | 28998.0 | 23732.6 | 18249.9 | 13883.5 |
| 15° | 51286.0 | 59743.3 | 65068.3 | 66889.9 | 65068.3 | 59743.3 | 51286.0 | 41572.4 | 32722.6 | 24938.6 | 18249.9 |
| 12.5° | 73748.3 | 90364.7 | 101021.0 | 104706.6 | 101021.0 | 90364.7 | 73748.3 | 58259.5 | 43721.8 | 32722.6 | 23732.6 |
| 10° | 105279.9 | 137972.7 | 159573.0 | 167187.6 | 159573.0 | 137972.7 | 105279.9 | 80412.5 | 58259.5 | 41572.4 | 28998.0 |
| 7.5° | 152406.8 | 207457.6 | 252120.9 | 268464.3 | 252120.9 | 207457.6 | 152406.8 | 105279.9 | 73748.3 | 51286.0 | 35373.6 |
| 5° | 207457.6 | 292682.0 | 375255.5 | 408151.9 | 375255.5 | 292682.0 | 207457.6 | 137972.7 | 90364.7 | 59743.3 | 40278.1 |
| 2.5° | 252120.9 | 375255.5 | 488407.9 | 545105.0 | 488407.9 | 375255.5 | 252120.9 | 159573.0 | 101021.0 | 65068.3 | 43329.3 |
| 0° | 268464.3 | 408151.9 | 545105.0 | 603906.3 | 545105.0 | 408151.9 | 268464.3 | 167187.6 | 104706.6 | 66889.9 | 44366.0 |
| -2.5° | 252120.9 | 375255.5 | 488407.9 | 545105.0 | 488407.9 | 375255.5 | 252120.9 | 159573.0 | 101021.0 | 65068.3 | 43329.3 |
| -5° | 207457.6 | 292682.0 | 375255.5 | 408151.9 | 375255.5 | 292682.0 | 207457.6 | 137972.7 | 90364.7 | 59743.3 | 40278.1 |
| -7.5° | 152406.8 | 207457.6 | 252120.9 | 268464.3 | 252120.9 | 207457.6 | 152406.8 | 105279.9 | 73748.3 | 51286.0 | 35373.6 |
| -10° | 105279.9 | 137972.7 | 159573.0 | 167187.6 | 159573.0 | 137972.7 | 105279.9 | 80412.5 | 58259.5 | 41572.4 | 28998.0 |
| -12.5° | 73748.3 | 90364.7 | 101021.0 | 104706.6 | 101021.0 | 90364.7 | 73748.3 | 58259.5 | 43721.8 | 32722.6 | 23732.6 |
| -15° | 51286.0 | 59743.3 | 65068.3 | 66889.9 | 65068.3 | 59743.3 | 51286.0 | 41572.4 | 32722.6 | 24938.6 | 18249.9 |
| -17.5° | 35373.6 | 40278.1 | 43329.3 | 44366.0 | 43329.3 | 40278.1 | 35373.6 | 28998.0 | 23732.6 | 18249.9 | 13883.5 |
| -20° | 24075.4 | 26942.2 | 28711.1 | 29309.5 | 28711.1 | 26942.2 | 24075.4 | 20216.6 | 16792.3 | 13196.1 | 10540.5 |



REPORT NUMBER: P624792 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-08-E-PRO-4000K-33

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|--------|
| -22.5° | 16247.6 | 17918.8 | 18944.1 | 19289.8 | 18944.1 | 17918.8 | 16247.6 | 13980.7 | 11766.3 | 9751.7 | 7961.3 |
| -25° | 11035.7 | 11955.8 | 12517.8 | 12706.9 | 12517.8 | 11955.8 | 11035.7 | 9780.5 | 8396.2 | 7305.3 | 6142.2 |
| -27.5° | 7764.3 | 8255.9 | 8555.3 | 8655.8 | 8555.3 | 8255.9 | 7764.3 | 7090.6 | 6249.4 | 5649.7 | 4966.0 |
| -30° | 5767.6 | 6035.1 | 6197.6 | 6252.1 | 6197.6 | 6035.1 | 5767.6 | 5399.7 | 4937.5 | 4540.6 | 4140.3 |
| -32.5° | 4527.6 | 4682.2 | 4775.9 | 4807.3 | 4775.9 | 4682.2 | 4527.6 | 4314.4 | 4045.7 | 3778.0 | 3528.3 |
| -35° | 3716.6 | 3811.9 | 3869.7 | 3889.0 | 3869.7 | 3811.9 | 3716.6 | 3584.8 | 3418.2 | 3234.7 | 3079.4 |
| -37.5° | 3161.7 | 3220.5 | 3256.0 | 3267.9 | 3256.0 | 3220.5 | 3161.7 | 3080.3 | 2977.2 | 2853.4 | 2748.2 |
| -40° | 2778.7 | 2817.8 | 2841.4 | 2849.3 | 2841.4 | 2817.8 | 2778.7 | 2724.5 | 2655.7 | 2572.9 | 2479.9 |
| -42.5° | 2483.6 | 2517.8 | 2538.5 | 2545.4 | 2538.5 | 2517.8 | 2483.6 | 2436.1 | 2375.6 | 2302.8 | 2224.9 |
| -45° | 2209.0 | 2234.5 | 2249.9 | 2255.1 | 2249.9 | 2234.5 | 2209.0 | 2173.4 | 2128.2 | 2073.6 | 2012.5 |
| -47.5° | 1988.6 | 2005.3 | 2015.4 | 2018.8 | 2015.4 | 2005.3 | 1988.6 | 1965.3 | 1935.6 | 1899.7 | 1857.8 |
| -50° | 1825.6 | 1839.1 | 1847.3 | 1850.0 | 1847.3 | 1839.1 | 1825.6 | 1806.8 | 1782.8 | 1753.8 | 1719.8 |
| -52.5° | 1683.2 | 1693.3 | 1699.4 | 1701.4 | 1699.4 | 1693.3 | 1683.2 | 1669.1 | 1651.1 | 1629.3 | 1603.8 |
| -55° | 1562.3 | 1572.1 | 1577.9 | 1579.9 | 1577.9 | 1572.1 | 1562.3 | 1548.7 | 1531.4 | 1510.3 | 1485.6 |
| -57.5° | 1437.3 | 1445.2 | 1450.0 | 1451.6 | 1450.0 | 1445.2 | 1437.3 | 1426.2 | 1412.1 | 1394.9 | 1374.8 |
| -60° | 1324.7 | 1331.5 | 1335.5 | 1336.9 | 1335.5 | 1331.5 | 1324.7 | 1315.2 | 1303.1 | 1288.4 | 1271.2 |
| -62.5° | 1215.7 | 1223.0 | 1227.3 | 1228.8 | 1227.3 | 1223.0 | 1215.7 | 1205.6 | 1192.6 | 1176.9 | 1158.4 |
| -65° | 1088.8 | 1095.3 | 1099.2 | 1100.5 | 1099.2 | 1095.3 | 1088.8 | 1079.7 | 1068.1 | 1054.0 | 1037.4 |
| -67.5° | 961.3 | 967.4 | 971.1 | 972.3 | 971.1 | 967.4 | 961.3 | 952.8 | 942.0 | 928.7 | 913.2 |
| -70° | 827.6 | 832.9 | 836.1 | 837.2 | 836.1 | 832.9 | 827.6 | 820.1 | 810.5 | 798.9 | 785.2 |
| -72.5° | 693.4 | 698.3 | 701.2 | 702.2 | 701.2 | 698.3 | 693.4 | 686.6 | 677.9 | 667.3 | 654.9 |
| -75° | 553.3 | 557.2 | 559.6 | 560.4 | 559.6 | 557.2 | 553.3 | 547.8 | 540.8 | 532.2 | 522.1 |
| -77.5° | 420.4 | 423.2 | 424.8 | 425.4 | 424.8 | 423.2 | 420.4 | 416.5 | 411.6 | 405.5 | 398.4 |
| -80° | 306.9 | 308.9 | 310.2 | 310.6 | 310.2 | 308.9 | 306.9 | 304.0 | 300.3 | 295.7 | 290.4 |
| -82.5° | 200.5 | 201.7 | 202.4 | 202.6 | 202.4 | 201.7 | 200.5 | 198.9 | 196.8 | 194.3 | 191.3 |
| -85° | 120.3 | 121.0 | 121.4 | 121.5 | 121.4 | 121.0 | 120.3 | 119.4 | 118.3 | 116.9 | 115.2 |
| -87.5° | 53.5 | 53.8 | 53.9 | 54.0 | 53.9 | 53.8 | 53.5 | 53.2 | 52.7 | 52.2 | 51.5 |
| -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: P624792 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-08-E-PRO-4000K-33

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° | 50.7 | 49.9 | 48.9 | 47.9 | 46.8 | 45.5 | 44.2 | 42.8 | 41.4 | 39.8 | 38.2 |
| 85° | 113.3 | 111.2 | 108.8 | 106.2 | 103.4 | 100.3 | 97.0 | 93.6 | 89.9 | 86.0 | 81.9 |
| 82.5° | 187.9 | 184.0 | 179.7 | 175.0 | 169.9 | 164.3 | 158.4 | 152.1 | 145.5 | 138.4 | 131.1 |
| 80° | 284.3 | 277.4 | 269.8 | 261.4 | 252.2 | 242.4 | 231.9 | 220.7 | 208.8 | 197.9 | 188.1 |
| 77.5° | 390.3 | 381.1 | 370.9 | 359.7 | 347.5 | 334.4 | 320.4 | 305.7 | 290.9 | 275.3 | 258.9 |
| 75° | 510.5 | 497.5 | 483.0 | 467.1 | 449.8 | 431.3 | 413.5 | 395.5 | 376.5 | 356.6 | 335.6 |
| 72.5° | 640.6 | 624.5 | 606.6 | 587.0 | 565.8 | 543.7 | 520.4 | 495.7 | 469.6 | 442.1 | 415.1 |
| 70° | 769.6 | 751.9 | 732.3 | 710.9 | 686.9 | 660.5 | 632.4 | 602.6 | 571.1 | 539.1 | 506.2 |
| 67.5° | 895.3 | 875.3 | 853.1 | 828.7 | 802.3 | 774.0 | 743.7 | 711.6 | 676.5 | 639.1 | 600.1 |
| 65° | 1018.4 | 997.0 | 973.4 | 946.1 | 916.6 | 884.8 | 850.9 | 815.1 | 777.2 | 737.6 | 695.8 |
| 62.5° | 1137.2 | 1113.4 | 1087.1 | 1058.4 | 1027.2 | 993.8 | 957.4 | 917.7 | 875.8 | 832.0 | 786.3 |
| 60° | 1251.5 | 1229.3 | 1200.4 | 1168.6 | 1134.3 | 1097.5 | 1058.4 | 1016.9 | 973.4 | 925.4 | 875.3 |
| 57.5° | 1351.8 | 1326.6 | 1299.8 | 1270.4 | 1238.8 | 1200.4 | 1157.6 | 1112.4 | 1064.9 | 1015.2 | 963.1 |
| 55° | 1457.5 | 1428.6 | 1397.5 | 1363.6 | 1327.6 | 1290.7 | 1251.5 | 1206.6 | 1155.1 | 1101.4 | 1045.5 |
| 52.5° | 1574.4 | 1540.0 | 1502.2 | 1460.9 | 1420.2 | 1377.8 | 1333.1 | 1288.4 | 1241.6 | 1186.1 | 1126.0 |
| 50° | 1684.8 | 1649.5 | 1610.6 | 1567.7 | 1519.6 | 1468.4 | 1418.2 | 1367.2 | 1315.2 | 1262.9 | 1204.9 |
| 47.5° | 1814.9 | 1768.0 | 1716.6 | 1668.2 | 1619.2 | 1566.3 | 1508.1 | 1447.5 | 1390.4 | 1331.5 | 1273.6 |
| 45° | 1960.8 | 1903.3 | 1841.4 | 1781.3 | 1716.9 | 1658.2 | 1599.2 | 1534.9 | 1466.9 | 1402.1 | 1336.9 |
| 42.5° | 2146.7 | 2059.8 | 1980.2 | 1906.8 | 1831.0 | 1757.8 | 1684.5 | 1618.7 | 1548.5 | 1473.5 | 1402.1 |
| 40° | 2376.1 | 2261.0 | 2157.7 | 2047.5 | 1955.4 | 1866.6 | 1782.6 | 1697.8 | 1625.2 | 1548.5 | 1466.9 |
| 37.5° | 2630.8 | 2503.1 | 2368.2 | 2229.2 | 2103.7 | 1984.9 | 1885.9 | 1791.0 | 1697.8 | 1618.7 | 1534.9 |
| 35° | 2904.8 | 2749.9 | 2598.5 | 2441.1 | 2276.8 | 2132.1 | 1994.8 | 1885.9 | 1782.6 | 1684.5 | 1599.2 |
| 32.5° | 3254.9 | 3048.0 | 2831.2 | 2657.9 | 2478.0 | 2294.8 | 2132.1 | 1984.9 | 1866.6 | 1757.8 | 1658.2 |
| 30° | 3757.0 | 3426.9 | 3135.6 | 2881.1 | 2677.9 | 2478.0 | 2276.8 | 2103.7 | 1955.4 | 1831.0 | 1716.9 |
| 27.5° | 4425.9 | 3901.4 | 3517.5 | 3165.2 | 2881.1 | 2657.9 | 2441.1 | 2229.2 | 2047.5 | 1906.8 | 1781.3 |
| 25° | 5322.6 | 4571.5 | 3971.5 | 3517.5 | 3135.6 | 2831.2 | 2598.5 | 2368.2 | 2157.7 | 1980.2 | 1841.4 |
| 22.5° | 6488.5 | 5443.2 | 4571.5 | 3901.4 | 3426.9 | 3048.0 | 2749.9 | 2503.1 | 2261.0 | 2059.8 | 1903.3 |
| 20° | 8183.8 | 6488.5 | 5322.6 | 4425.9 | 3757.0 | 3254.9 | 2904.8 | 2630.8 | 2376.1 | 2146.7 | 1960.8 |
| 17.5° | 10540.5 | 7961.3 | 6142.2 | 4966.0 | 4140.3 | 3528.3 | 3079.4 | 2748.2 | 2479.9 | 2224.9 | 2012.5 |
| 15° | 13196.1 | 9751.7 | 7305.3 | 5649.7 | 4540.6 | 3778.0 | 3234.7 | 2853.4 | 2572.9 | 2302.8 | 2073.6 |
| 12.5° | 16792.3 | 11766.3 | 8396.2 | 6249.4 | 4937.5 | 4045.7 | 3418.2 | 2977.2 | 2655.7 | 2375.6 | 2128.2 |
| 10° | 20216.6 | 13980.7 | 9780.5 | 7090.6 | 5399.7 | 4314.4 | 3584.8 | 3080.3 | 2724.5 | 2436.1 | 2173.4 |
| 7.5° | 24075.4 | 16247.6 | 11035.7 | 7764.3 | 5767.6 | 4527.6 | 3716.6 | 3161.7 | 2778.7 | 2483.6 | 2209.0 |
| 5° | 26942.2 | 17918.8 | 11955.8 | 8255.9 | 6035.1 | 4682.2 | 3811.9 | 3220.5 | 2817.8 | 2517.8 | 2234.5 |
| 2.5° | 28711.1 | 18944.1 | 12517.8 | 8555.3 | 6197.6 | 4775.9 | 3869.7 | 3256.0 | 2841.4 | 2538.5 | 2249.9 |
| 0° | 29309.5 | 19289.8 | 12706.9 | 8655.8 | 6252.1 | 4807.3 | 3889.0 | 3267.9 | 2849.3 | 2545.4 | 2255.1 |
| -2.5° | 28711.1 | 18944.1 | 12517.8 | 8555.3 | 6197.6 | 4775.9 | 3869.7 | 3256.0 | 2841.4 | 2538.5 | 2249.9 |
| -5° | 26942.2 | 17918.8 | 11955.8 | 8255.9 | 6035.1 | 4682.2 | 3811.9 | 3220.5 | 2817.8 | 2517.8 | 2234.5 |
| -7.5° | 24075.4 | 16247.6 | 11035.7 | 7764.3 | 5767.6 | 4527.6 | 3716.6 | 3161.7 | 2778.7 | 2483.6 | 2209.0 |
| -10° | 20216.6 | 13980.7 | 9780.5 | 7090.6 | 5399.7 | 4314.4 | 3584.8 | 3080.3 | 2724.5 | 2436.1 | 2173.4 |
| -12.5° | 16792.3 | 11766.3 | 8396.2 | 6249.4 | 4937.5 | 4045.7 | 3418.2 | 2977.2 | 2655.7 | 2375.6 | 2128.2 |
| -15° | 13196.1 | 9751.7 | 7305.3 | 5649.7 | 4540.6 | 3778.0 | 3234.7 | 2853.4 | 2572.9 | 2302.8 | 2073.6 |
| -17.5° | 10540.5 | 7961.3 | 6142.2 | 4966.0 | 4140.3 | 3528.3 | 3079.4 | 2748.2 | 2479.9 | 2224.9 | 2012.5 |
| -20° | 8183.8 | 6488.5 | 5322.6 | 4425.9 | 3757.0 | 3254.9 | 2904.8 | 2630.8 | 2376.1 | 2146.7 | 1960.8 |



REPORT NUMBER: P624792 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-08-E-PRO-4000K-33

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 6488.5 | 5443.2 | 4571.5 | 3901.4 | 3426.9 | 3048.0 | 2749.9 | 2503.1 | 2261.0 | 2059.8 | 1903.3 |
| -25° | 5322.6 | 4571.5 | 3971.5 | 3517.5 | 3135.6 | 2831.2 | 2598.5 | 2368.2 | 2157.7 | 1980.2 | 1841.4 |
| -27.5° | 4425.9 | 3901.4 | 3517.5 | 3165.2 | 2881.1 | 2657.9 | 2441.1 | 2229.2 | 2047.5 | 1906.8 | 1781.3 |
| -30° | 3757.0 | 3426.9 | 3135.6 | 2881.1 | 2677.9 | 2478.0 | 2276.8 | 2103.7 | 1955.4 | 1831.0 | 1716.9 |
| -32.5° | 3254.9 | 3048.0 | 2831.2 | 2657.9 | 2478.0 | 2294.8 | 2132.1 | 1984.9 | 1866.6 | 1757.8 | 1658.2 |
| -35° | 2904.8 | 2749.9 | 2598.5 | 2441.1 | 2276.8 | 2132.1 | 1994.8 | 1885.9 | 1782.6 | 1684.5 | 1599.2 |
| -37.5° | 2630.8 | 2503.1 | 2368.2 | 2229.2 | 2103.7 | 1984.9 | 1885.9 | 1791.0 | 1697.8 | 1618.7 | 1534.9 |
| -40° | 2376.1 | 2261.0 | 2157.7 | 2047.5 | 1955.4 | 1866.6 | 1782.6 | 1697.8 | 1625.2 | 1548.5 | 1466.9 |
| -42.5° | 2146.7 | 2059.8 | 1980.2 | 1906.8 | 1831.0 | 1757.8 | 1684.5 | 1618.7 | 1548.5 | 1473.5 | 1402.1 |
| -45° | 1960.8 | 1903.3 | 1841.4 | 1781.3 | 1716.9 | 1658.2 | 1599.2 | 1534.9 | 1466.9 | 1402.1 | 1336.9 |
| -47.5° | 1814.9 | 1768.0 | 1716.6 | 1668.2 | 1619.2 | 1566.3 | 1508.1 | 1447.5 | 1390.4 | 1331.5 | 1273.6 |
| -50° | 1684.8 | 1649.5 | 1610.6 | 1567.7 | 1519.6 | 1468.4 | 1418.2 | 1367.2 | 1315.2 | 1262.9 | 1204.9 |
| -52.5° | 1574.4 | 1540.0 | 1502.2 | 1460.9 | 1420.2 | 1377.8 | 1333.1 | 1288.4 | 1241.6 | 1186.1 | 1126.0 |
| -55° | 1457.5 | 1428.6 | 1397.5 | 1363.6 | 1327.6 | 1290.7 | 1251.5 | 1206.6 | 1155.1 | 1101.4 | 1045.5 |
| -57.5° | 1351.8 | 1326.6 | 1299.8 | 1270.4 | 1238.8 | 1200.4 | 1157.6 | 1112.4 | 1064.9 | 1015.2 | 963.1 |
| -60° | 1251.5 | 1229.3 | 1200.4 | 1168.6 | 1134.3 | 1097.5 | 1058.4 | 1016.9 | 973.4 | 925.4 | 875.3 |
| -62.5° | 1137.2 | 1113.4 | 1087.1 | 1058.4 | 1027.2 | 993.8 | 957.4 | 917.7 | 875.8 | 832.0 | 786.3 |
| -65° | 1018.4 | 997.0 | 973.4 | 946.1 | 916.6 | 884.8 | 850.9 | 815.1 | 777.2 | 737.6 | 695.8 |
| -67.5° | 895.3 | 875.3 | 853.1 | 828.7 | 802.3 | 774.0 | 743.7 | 711.6 | 676.5 | 639.1 | 600.1 |
| -70° | 769.6 | 751.9 | 732.3 | 710.9 | 686.9 | 660.5 | 632.4 | 602.6 | 571.1 | 539.1 | 506.2 |
| -72.5° | 640.6 | 624.5 | 606.6 | 587.0 | 565.8 | 543.7 | 520.4 | 495.7 | 469.6 | 442.1 | 415.1 |
| -75° | 510.5 | 497.5 | 483.0 | 467.1 | 449.8 | 431.3 | 413.5 | 395.5 | 376.5 | 356.6 | 335.6 |
| -77.5° | 390.3 | 381.1 | 370.9 | 359.7 | 347.5 | 334.4 | 320.4 | 305.7 | 290.9 | 275.3 | 258.9 |
| -80° | 284.3 | 277.4 | 269.8 | 261.4 | 252.2 | 242.4 | 231.9 | 220.7 | 208.8 | 197.9 | 188.1 |
| -82.5° | 187.9 | 184.0 | 179.7 | 175.0 | 169.9 | 164.3 | 158.4 | 152.1 | 145.5 | 138.4 | 131.1 |
| -85° | 113.3 | 111.2 | 108.8 | 106.2 | 103.4 | 100.3 | 97.0 | 93.6 | 89.9 | 86.0 | 81.9 |
| -87.5° | 50.7 | 49.9 | 48.9 | 47.9 | 46.8 | 45.5 | 44.2 | 42.8 | 41.4 | 39.8 | 38.2 |
| -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: P624792 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-08-E-PRO-4000K-33

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° | 36.5 | 34.7 | 32.9 | 31.0 | 29.0 | 27.0 | 24.9 | 22.8 | 20.7 | 18.5 | 16.2 |
| 85° | 77.6 | 73.2 | 68.6 | 63.9 | 59.0 | 53.9 | 49.8 | 45.6 | 41.3 | 36.9 | 32.4 |
| 82.5° | 123.4 | 116.4 | 109.6 | 102.4 | 95.1 | 87.5 | 79.8 | 71.9 | 63.8 | 55.6 | 48.6 |
| 80° | 177.9 | 167.2 | 156.1 | 144.7 | 133.0 | 121.0 | 110.7 | 100.1 | 89.4 | 78.4 | 67.3 |
| 77.5° | 241.8 | 224.1 | 205.7 | 190.6 | 175.9 | 160.8 | 145.4 | 129.6 | 114.8 | 101.1 | 87.3 |
| 75° | 313.8 | 292.3 | 270.2 | 247.4 | 223.9 | 200.5 | 182.0 | 163.0 | 143.7 | 124.0 | 107.0 |
| 72.5° | 389.6 | 363.2 | 335.8 | 307.7 | 280.3 | 252.2 | 223.4 | 196.1 | 173.7 | 150.8 | 127.6 |
| 70° | 471.8 | 436.2 | 403.2 | 370.9 | 337.7 | 304.0 | 271.1 | 237.6 | 203.5 | 177.2 | 150.8 |
| 67.5° | 559.5 | 519.4 | 477.9 | 435.1 | 396.3 | 357.9 | 318.8 | 280.7 | 242.4 | 203.5 | 173.7 |
| 65° | 650.6 | 603.7 | 555.5 | 507.9 | 459.1 | 411.6 | 368.1 | 323.9 | 280.7 | 237.6 | 196.1 |
| 62.5° | 738.8 | 688.9 | 635.6 | 580.7 | 526.1 | 471.2 | 416.7 | 368.1 | 318.8 | 271.1 | 223.4 |
| 60° | 823.3 | 769.6 | 714.1 | 654.9 | 593.5 | 532.2 | 471.2 | 411.6 | 357.9 | 304.0 | 252.2 |
| 57.5° | 906.6 | 848.2 | 788.2 | 726.5 | 661.3 | 593.5 | 526.1 | 459.1 | 396.3 | 337.7 | 280.3 |
| 55° | 987.6 | 925.5 | 860.8 | 794.4 | 726.5 | 654.9 | 580.7 | 507.9 | 435.1 | 370.9 | 307.7 |
| 52.5° | 1063.8 | 999.8 | 931.9 | 860.8 | 788.2 | 714.1 | 635.6 | 555.5 | 477.9 | 403.2 | 335.8 |
| 50° | 1138.4 | 1070.0 | 999.8 | 925.5 | 848.2 | 769.6 | 688.9 | 603.7 | 519.4 | 436.2 | 363.2 |
| 47.5° | 1211.2 | 1138.4 | 1063.8 | 987.6 | 906.6 | 823.3 | 738.8 | 650.6 | 559.5 | 471.8 | 389.6 |
| 45° | 1273.6 | 1204.9 | 1126.0 | 1045.5 | 963.1 | 875.3 | 786.3 | 695.8 | 600.1 | 506.2 | 415.1 |
| 42.5° | 1331.5 | 1262.9 | 1186.1 | 1101.4 | 1015.2 | 925.4 | 832.0 | 737.6 | 639.1 | 539.1 | 442.1 |
| 40° | 1390.4 | 1315.2 | 1241.6 | 1155.1 | 1064.9 | 973.4 | 875.8 | 777.2 | 676.5 | 571.1 | 469.6 |
| 37.5° | 1447.5 | 1367.2 | 1288.4 | 1206.6 | 1112.4 | 1016.9 | 917.7 | 815.1 | 711.6 | 602.6 | 495.7 |
| 35° | 1508.1 | 1418.2 | 1333.1 | 1251.5 | 1157.6 | 1058.4 | 957.4 | 850.9 | 743.7 | 632.4 | 520.4 |
| 32.5° | 1566.3 | 1468.4 | 1377.8 | 1290.7 | 1200.4 | 1097.5 | 993.8 | 884.8 | 774.0 | 660.5 | 543.7 |
| 30° | 1619.2 | 1519.6 | 1420.2 | 1327.6 | 1238.8 | 1134.3 | 1027.2 | 916.6 | 802.3 | 686.9 | 565.8 |
| 27.5° | 1668.2 | 1567.7 | 1460.9 | 1363.6 | 1270.4 | 1168.6 | 1058.4 | 946.1 | 828.7 | 710.9 | 587.0 |
| 25° | 1716.6 | 1610.6 | 1502.2 | 1397.5 | 1299.8 | 1200.4 | 1087.1 | 973.4 | 853.1 | 732.3 | 606.6 |
| 22.5° | 1768.0 | 1649.5 | 1540.0 | 1428.6 | 1326.6 | 1229.3 | 1113.4 | 997.0 | 875.3 | 751.9 | 624.5 |
| 20° | 1814.9 | 1684.8 | 1574.4 | 1457.5 | 1351.8 | 1251.5 | 1137.2 | 1018.4 | 895.3 | 769.6 | 640.6 |
| 17.5° | 1857.8 | 1719.8 | 1603.8 | 1485.6 | 1374.8 | 1271.2 | 1158.4 | 1037.4 | 913.2 | 785.2 | 654.9 |
| 15° | 1899.7 | 1753.8 | 1629.3 | 1510.3 | 1394.9 | 1288.4 | 1176.9 | 1054.0 | 928.7 | 798.9 | 667.3 |
| 12.5° | 1935.6 | 1782.8 | 1651.1 | 1531.4 | 1412.1 | 1303.1 | 1192.6 | 1068.1 | 942.0 | 810.5 | 677.9 |
| 10° | 1965.3 | 1806.8 | 1669.1 | 1548.7 | 1426.2 | 1315.2 | 1205.6 | 1079.7 | 952.8 | 820.1 | 686.6 |
| 7.5° | 1988.6 | 1825.6 | 1683.2 | 1562.3 | 1437.3 | 1324.7 | 1215.7 | 1088.8 | 961.3 | 827.6 | 693.4 |
| 5° | 2005.3 | 1839.1 | 1693.3 | 1572.1 | 1445.2 | 1331.5 | 1223.0 | 1095.3 | 967.4 | 832.9 | 698.3 |
| 2.5° | 2015.4 | 1847.3 | 1699.4 | 1577.9 | 1450.0 | 1335.5 | 1227.3 | 1099.2 | 971.1 | 836.1 | 701.2 |
| 0° | 2018.8 | 1850.0 | 1701.4 | 1579.9 | 1451.6 | 1336.9 | 1228.8 | 1100.5 | 972.3 | 837.2 | 702.2 |
| -2.5° | 2015.4 | 1847.3 | 1699.4 | 1577.9 | 1450.0 | 1335.5 | 1227.3 | 1099.2 | 971.1 | 836.1 | 701.2 |
| -5° | 2005.3 | 1839.1 | 1693.3 | 1572.1 | 1445.2 | 1331.5 | 1223.0 | 1095.3 | 967.4 | 832.9 | 698.3 |
| -7.5° | 1988.6 | 1825.6 | 1683.2 | 1562.3 | 1437.3 | 1324.7 | 1215.7 | 1088.8 | 961.3 | 827.6 | 693.4 |
| -10° | 1965.3 | 1806.8 | 1669.1 | 1548.7 | 1426.2 | 1315.2 | 1205.6 | 1079.7 | 952.8 | 820.1 | 686.6 |
| -12.5° | 1935.6 | 1782.8 | 1651.1 | 1531.4 | 1412.1 | 1303.1 | 1192.6 | 1068.1 | 942.0 | 810.5 | 677.9 |
| -15° | 1899.7 | 1753.8 | 1629.3 | 1510.3 | 1394.9 | 1288.4 | 1176.9 | 1054.0 | 928.7 | 798.9 | 667.3 |
| -17.5° | 1857.8 | 1719.8 | 1603.8 | 1485.6 | 1374.8 | 1271.2 | 1158.4 | 1037.4 | 913.2 | 785.2 | 654.9 |
| -20° | 1814.9 | 1684.8 | 1574.4 | 1457.5 | 1351.8 | 1251.5 | 1137.2 | 1018.4 | 895.3 | 769.6 | 640.6 |

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

Scaled Data Report



REPORT NUMBER: P624792 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-08-E-PRO-4000K-33

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|
| -22.5° | 1768.0 | 1649.5 | 1540.0 | 1428.6 | 1326.6 | 1229.3 | 1113.4 | 997.0 | 875.3 | 751.9 | 624.5 |
| -25° | 1716.6 | 1610.6 | 1502.2 | 1397.5 | 1299.8 | 1200.4 | 1087.1 | 973.4 | 853.1 | 732.3 | 606.6 |
| -27.5° | 1668.2 | 1567.7 | 1460.9 | 1363.6 | 1270.4 | 1168.6 | 1058.4 | 946.1 | 828.7 | 710.9 | 587.0 |
| -30° | 1619.2 | 1519.6 | 1420.2 | 1327.6 | 1238.8 | 1134.3 | 1027.2 | 916.6 | 802.3 | 686.9 | 565.8 |
| -32.5° | 1566.3 | 1468.4 | 1377.8 | 1290.7 | 1200.4 | 1097.5 | 993.8 | 884.8 | 774.0 | 660.5 | 543.7 |
| -35° | 1508.1 | 1418.2 | 1333.1 | 1251.5 | 1157.6 | 1058.4 | 957.4 | 850.9 | 743.7 | 632.4 | 520.4 |
| -37.5° | 1447.5 | 1367.2 | 1288.4 | 1206.6 | 1112.4 | 1016.9 | 917.7 | 815.1 | 711.6 | 602.6 | 495.7 |
| -40° | 1390.4 | 1315.2 | 1241.6 | 1155.1 | 1064.9 | 973.4 | 875.8 | 777.2 | 676.5 | 571.1 | 469.6 |
| -42.5° | 1331.5 | 1262.9 | 1186.1 | 1101.4 | 1015.2 | 925.4 | 832.0 | 737.6 | 639.1 | 539.1 | 442.1 |
| -45° | 1273.6 | 1204.9 | 1126.0 | 1045.5 | 963.1 | 875.3 | 786.3 | 695.8 | 600.1 | 506.2 | 415.1 |
| -47.5° | 1211.2 | 1138.4 | 1063.8 | 987.6 | 906.6 | 823.3 | 738.8 | 650.6 | 559.5 | 471.8 | 389.6 |
| -50° | 1138.4 | 1070.0 | 999.8 | 925.5 | 848.2 | 769.6 | 688.9 | 603.7 | 519.4 | 436.2 | 363.2 |
| -52.5° | 1063.8 | 999.8 | 931.9 | 860.8 | 788.2 | 714.1 | 635.6 | 555.5 | 477.9 | 403.2 | 335.8 |
| -55° | 987.6 | 925.5 | 860.8 | 794.4 | 726.5 | 654.9 | 580.7 | 507.9 | 435.1 | 370.9 | 307.7 |
| -57.5° | 906.6 | 848.2 | 788.2 | 726.5 | 661.3 | 593.5 | 526.1 | 459.1 | 396.3 | 337.7 | 280.3 |
| -60° | 823.3 | 769.6 | 714.1 | 654.9 | 593.5 | 532.2 | 471.2 | 411.6 | 357.9 | 304.0 | 252.2 |
| -62.5° | 738.8 | 688.9 | 635.6 | 580.7 | 526.1 | 471.2 | 416.7 | 368.1 | 318.8 | 271.1 | 223.4 |
| -65° | 650.6 | 603.7 | 555.5 | 507.9 | 459.1 | 411.6 | 368.1 | 323.9 | 280.7 | 237.6 | 196.1 |
| -67.5° | 559.5 | 519.4 | 477.9 | 435.1 | 396.3 | 357.9 | 318.8 | 280.7 | 242.4 | 203.5 | 173.7 |
| -70° | 471.8 | 436.2 | 403.2 | 370.9 | 337.7 | 304.0 | 271.1 | 237.6 | 203.5 | 177.2 | 150.8 |
| -72.5° | 389.6 | 363.2 | 335.8 | 307.7 | 280.3 | 252.2 | 223.4 | 196.1 | 173.7 | 150.8 | 127.6 |
| -75° | 313.8 | 292.3 | 270.2 | 247.4 | 223.9 | 200.5 | 182.0 | 163.0 | 143.7 | 124.0 | 107.0 |
| -77.5° | 241.8 | 224.1 | 205.7 | 190.6 | 175.9 | 160.8 | 145.4 | 129.6 | 114.8 | 101.1 | 87.3 |
| -80° | 177.9 | 167.2 | 156.1 | 144.7 | 133.0 | 121.0 | 110.7 | 100.1 | 89.4 | 78.4 | 67.3 |
| -82.5° | 123.4 | 116.4 | 109.6 | 102.4 | 95.1 | 87.5 | 79.8 | 71.9 | 63.8 | 55.6 | 48.6 |
| -85° | 77.6 | 73.2 | 68.6 | 63.9 | 59.0 | 53.9 | 49.8 | 45.6 | 41.3 | 36.9 | 32.4 |
| -87.5° | 36.5 | 34.7 | 32.9 | 31.0 | 29.0 | 27.0 | 24.9 | 22.8 | 20.7 | 18.5 | 16.2 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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

Scaled Data Report



REPORT NUMBER: P624792 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-08-E-PRO-4000K-33

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° | 14.0 | 11.7 | 9.4 | 7.0 | 4.7 | 2.4 | 0.0 |
| 85° | 27.9 | 23.3 | 18.7 | 14.1 | 9.4 | 4.7 | 0.0 |
| 82.5° | 41.8 | 35.0 | 28.1 | 21.1 | 14.1 | 7.0 | 0.0 |
| 80° | 56.1 | 46.5 | 37.3 | 28.1 | 18.7 | 9.4 | 0.0 |
| 77.5° | 73.2 | 59.0 | 46.5 | 35.0 | 23.3 | 11.7 | 0.0 |
| 75° | 90.2 | 73.2 | 56.1 | 41.8 | 27.9 | 14.0 | 0.0 |
| 72.5° | 107.0 | 87.3 | 67.3 | 48.6 | 32.4 | 16.2 | 0.0 |
| 70° | 124.0 | 101.1 | 78.4 | 55.6 | 36.9 | 18.5 | 0.0 |
| 67.5° | 143.7 | 114.8 | 89.4 | 63.8 | 41.3 | 20.7 | 0.0 |
| 65° | 163.0 | 129.6 | 100.1 | 71.9 | 45.6 | 22.8 | 0.0 |
| 62.5° | 182.0 | 145.4 | 110.7 | 79.8 | 49.8 | 24.9 | 0.0 |
| 60° | 200.5 | 160.8 | 121.0 | 87.5 | 53.9 | 27.0 | 0.0 |
| 57.5° | 223.9 | 175.9 | 133.0 | 95.1 | 59.0 | 29.0 | 0.0 |
| 55° | 247.4 | 190.6 | 144.7 | 102.4 | 63.9 | 31.0 | 0.0 |
| 52.5° | 270.2 | 205.7 | 156.1 | 109.6 | 68.6 | 32.9 | 0.0 |
| 50° | 292.3 | 224.1 | 167.2 | 116.4 | 73.2 | 34.7 | 0.0 |
| 47.5° | 313.8 | 241.8 | 177.9 | 123.4 | 77.6 | 36.5 | 0.0 |
| 45° | 335.6 | 258.9 | 188.1 | 131.1 | 81.9 | 38.2 | 0.0 |
| 42.5° | 356.6 | 275.3 | 197.9 | 138.4 | 86.0 | 39.8 | 0.0 |
| 40° | 376.5 | 290.9 | 208.8 | 145.5 | 89.9 | 41.4 | 0.0 |
| 37.5° | 395.5 | 305.7 | 220.7 | 152.1 | 93.6 | 42.8 | 0.0 |
| 35° | 413.5 | 320.4 | 231.9 | 158.4 | 97.0 | 44.2 | 0.0 |
| 32.5° | 431.3 | 334.4 | 242.4 | 164.3 | 100.3 | 45.5 | 0.0 |
| 30° | 449.8 | 347.5 | 252.2 | 169.9 | 103.4 | 46.8 | 0.0 |
| 27.5° | 467.1 | 359.7 | 261.4 | 175.0 | 106.2 | 47.9 | 0.0 |
| 25° | 483.0 | 370.9 | 269.8 | 179.7 | 108.8 | 48.9 | 0.0 |
| 22.5° | 497.5 | 381.1 | 277.4 | 184.0 | 111.2 | 49.9 | 0.0 |
| 20° | 510.5 | 390.3 | 284.3 | 187.9 | 113.3 | 50.7 | 0.0 |
| 17.5° | 522.1 | 398.4 | 290.4 | 191.3 | 115.2 | 51.5 | 0.0 |
| 15° | 532.2 | 405.5 | 295.7 | 194.3 | 116.9 | 52.2 | 0.0 |
| 12.5° | 540.8 | 411.6 | 300.3 | 196.8 | 118.3 | 52.7 | 0.0 |
| 10° | 547.8 | 416.5 | 304.0 | 198.9 | 119.4 | 53.2 | 0.0 |
| 7.5° | 553.3 | 420.4 | 306.9 | 200.5 | 120.3 | 53.5 | 0.0 |
| 5° | 557.2 | 423.2 | 308.9 | 201.7 | 121.0 | 53.8 | 0.0 |
| 2.5° | 559.6 | 424.8 | 310.2 | 202.4 | 121.4 | 53.9 | 0.0 |
| 0° | 560.4 | 425.4 | 310.6 | 202.6 | 121.5 | 54.0 | 0.0 |
| -2.5° | 559.6 | 424.8 | 310.2 | 202.4 | 121.4 | 53.9 | 0.0 |
| -5° | 557.2 | 423.2 | 308.9 | 201.7 | 121.0 | 53.8 | 0.0 |
| -7.5° | 553.3 | 420.4 | 306.9 | 200.5 | 120.3 | 53.5 | 0.0 |
| -10° | 547.8 | 416.5 | 304.0 | 198.9 | 119.4 | 53.2 | 0.0 |
| -12.5° | 540.8 | 411.6 | 300.3 | 196.8 | 118.3 | 52.7 | 0.0 |
| -15° | 532.2 | 405.5 | 295.7 | 194.3 | 116.9 | 52.2 | 0.0 |
| -17.5° | 522.1 | 398.4 | 290.4 | 191.3 | 115.2 | 51.5 | 0.0 |
| -20° | 510.5 | 390.3 | 284.3 | 187.9 | 113.3 | 50.7 | 0.0 |

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

Scaled Data Report



REPORT NUMBER: P624792 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-08-E-PRO-4000K-33

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|-------|-------|-------|-------|-------|-------|-----|
| -22.5° | 497.5 | 381.1 | 277.4 | 184.0 | 111.2 | 49.9 | 0.0 |
| -25° | 483.0 | 370.9 | 269.8 | 179.7 | 108.8 | 48.9 | 0.0 |
| -27.5° | 467.1 | 359.7 | 261.4 | 175.0 | 106.2 | 47.9 | 0.0 |
| -30° | 449.8 | 347.5 | 252.2 | 169.9 | 103.4 | 46.8 | 0.0 |
| -32.5° | 431.3 | 334.4 | 242.4 | 164.3 | 100.3 | 45.5 | 0.0 |
| -35° | 413.5 | 320.4 | 231.9 | 158.4 | 97.0 | 44.2 | 0.0 |
| -37.5° | 395.5 | 305.7 | 220.7 | 152.1 | 93.6 | 42.8 | 0.0 |
| -40° | 376.5 | 290.9 | 208.8 | 145.5 | 89.9 | 41.4 | 0.0 |
| -42.5° | 356.6 | 275.3 | 197.9 | 138.4 | 86.0 | 39.8 | 0.0 |
| -45° | 335.6 | 258.9 | 188.1 | 131.1 | 81.9 | 38.2 | 0.0 |
| -47.5° | 313.8 | 241.8 | 177.9 | 123.4 | 77.6 | 36.5 | 0.0 |
| -50° | 292.3 | 224.1 | 167.2 | 116.4 | 73.2 | 34.7 | 0.0 |
| -52.5° | 270.2 | 205.7 | 156.1 | 109.6 | 68.6 | 32.9 | 0.0 |
| -55° | 247.4 | 190.6 | 144.7 | 102.4 | 63.9 | 31.0 | 0.0 |
| -57.5° | 223.9 | 175.9 | 133.0 | 95.1 | 59.0 | 29.0 | 0.0 |
| -60° | 200.5 | 160.8 | 121.0 | 87.5 | 53.9 | 27.0 | 0.0 |
| -62.5° | 182.0 | 145.4 | 110.7 | 79.8 | 49.8 | 24.9 | 0.0 |
| -65° | 163.0 | 129.6 | 100.1 | 71.9 | 45.6 | 22.8 | 0.0 |
| -67.5° | 143.7 | 114.8 | 89.4 | 63.8 | 41.3 | 20.7 | 0.0 |
| -70° | 124.0 | 101.1 | 78.4 | 55.6 | 36.9 | 18.5 | 0.0 |
| -72.5° | 107.0 | 87.3 | 67.3 | 48.6 | 32.4 | 16.2 | 0.0 |
| -75° | 90.2 | 73.2 | 56.1 | 41.8 | 27.9 | 14.0 | 0.0 |
| -77.5° | 73.2 | 59.0 | 46.5 | 35.0 | 23.3 | 11.7 | 0.0 |
| -80° | 56.1 | 46.5 | 37.3 | 28.1 | 18.7 | 9.4 | 0.0 |
| -82.5° | 41.8 | 35.0 | 28.1 | 21.1 | 14.1 | 7.0 | 0.0 |
| -85° | 27.9 | 23.3 | 18.7 | 14.1 | 9.4 | 4.7 | 0.0 |
| -87.5° | 14.0 | 11.7 | 9.4 | 7.0 | 4.7 | 2.4 | 0.0 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)