

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: LUMARK

Report Number: P622914 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **LSF25-XX-PC-25W-7050**

Issue Date: 10/4/2022

Test Information

Test Method: LM-79-08
Report Number: P622914 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (2022-09-29)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 10/4/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: LSF25-XX-PC-25W-7050
Description: Flood light with selectable wattage and CCT
Light Source: (1) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

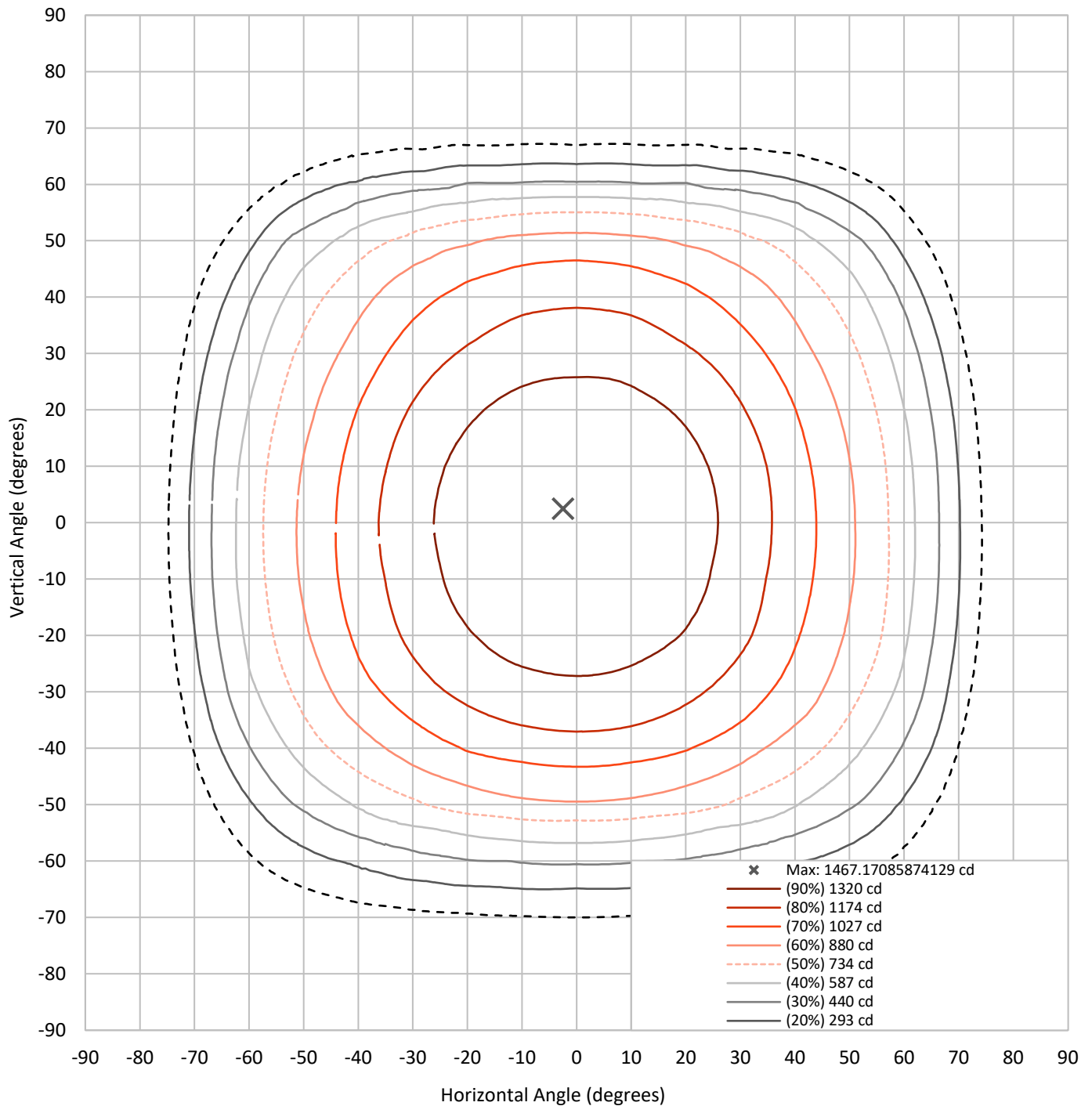
Summary

| | | | |
|-----------------------------------|--|----------------------|-----------------|
| Lumens per Lamp: | N/A | NEMA Type: | 7H x 7V |
| Luminaire Lumens: | 3881.8 lumens | Max Intensity: | 1467.2 candela |
| Efficiency: | N/A | Max Intensity Angle: | -2.5°H x 2.5°V |
| Efficacy: | 140.1 lumens/watt | | |
| Luminous Opening: | Rectangular (W 0.08m x L: 0.16m x H: 0m) | | |
| Beam Angle (50%): | 114.6°H x 108.1°V | Field Angle (10%): | 148.8°H x 137°V |
| Beam Lumens: | 3162.6 lumens | Field Lumens: | 3827.7 lumens |
| Beam Efficiency: | 81.5% | Field Efficiency: | 98.6% |
| Input Watts (W): | 27.7 | | |
| Input Voltage (V): | 120 | | |
| 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: LSF25-XX-PC-25W-7050

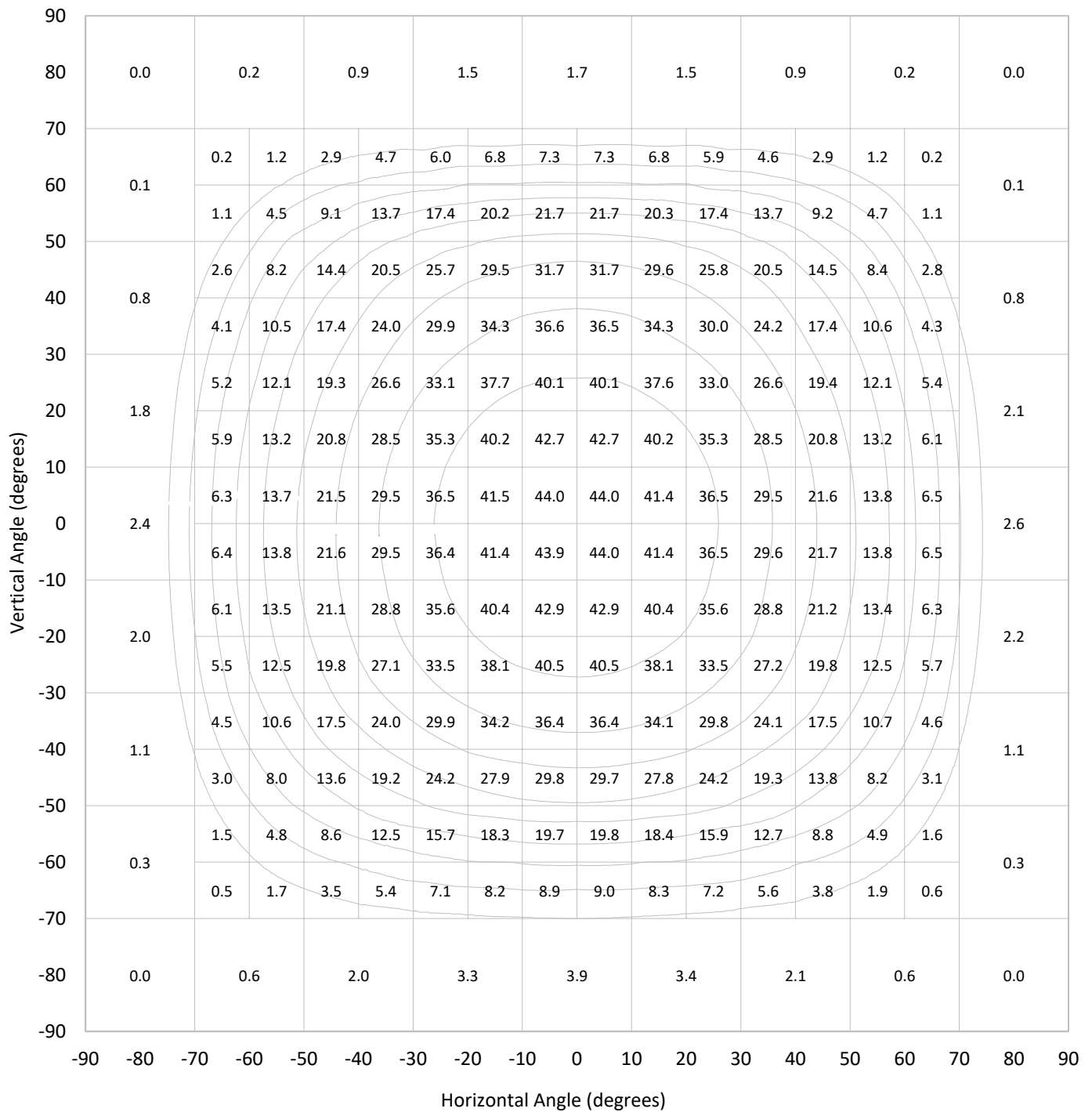
Iso-Candela Plot





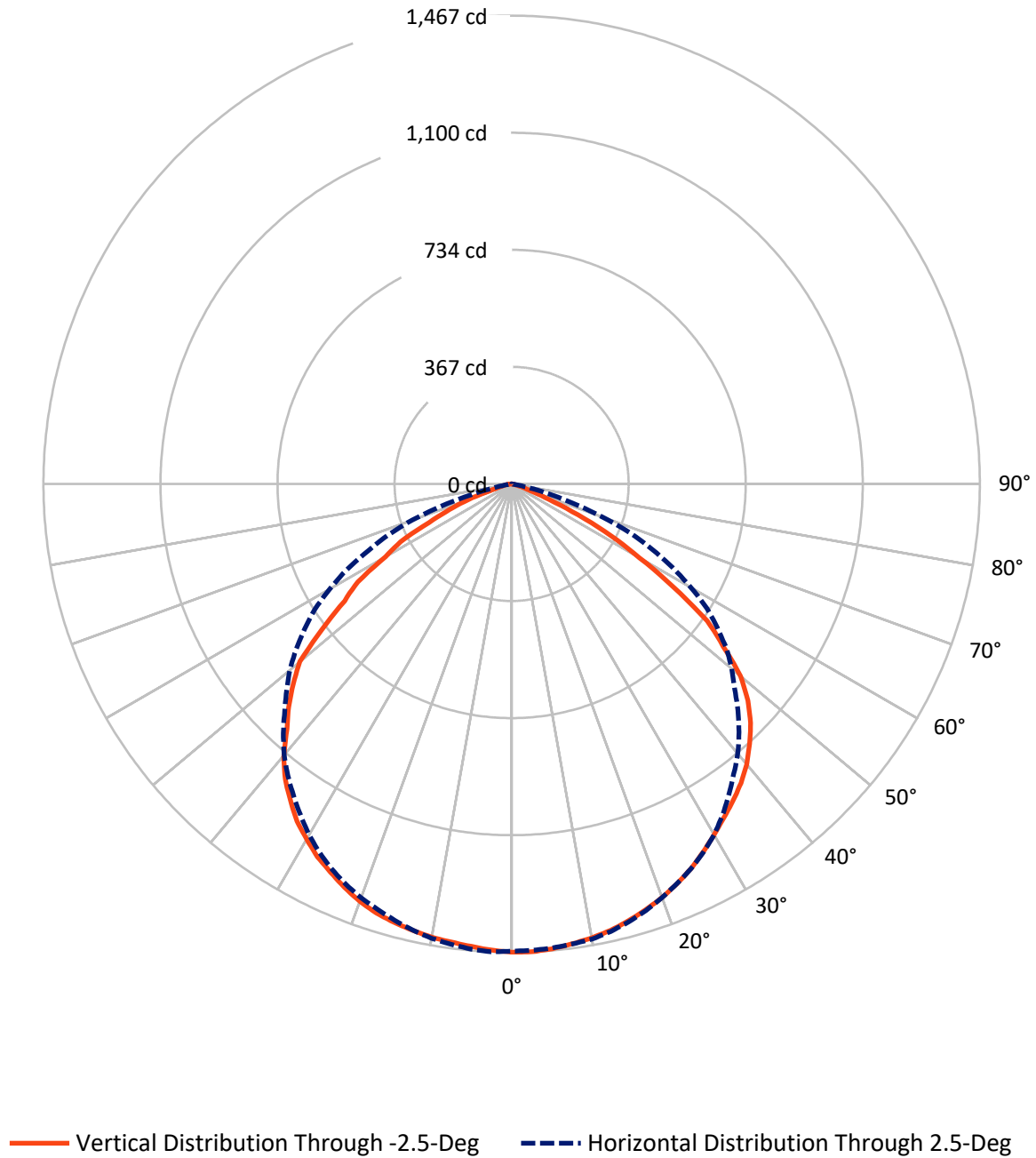
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Lumen Table



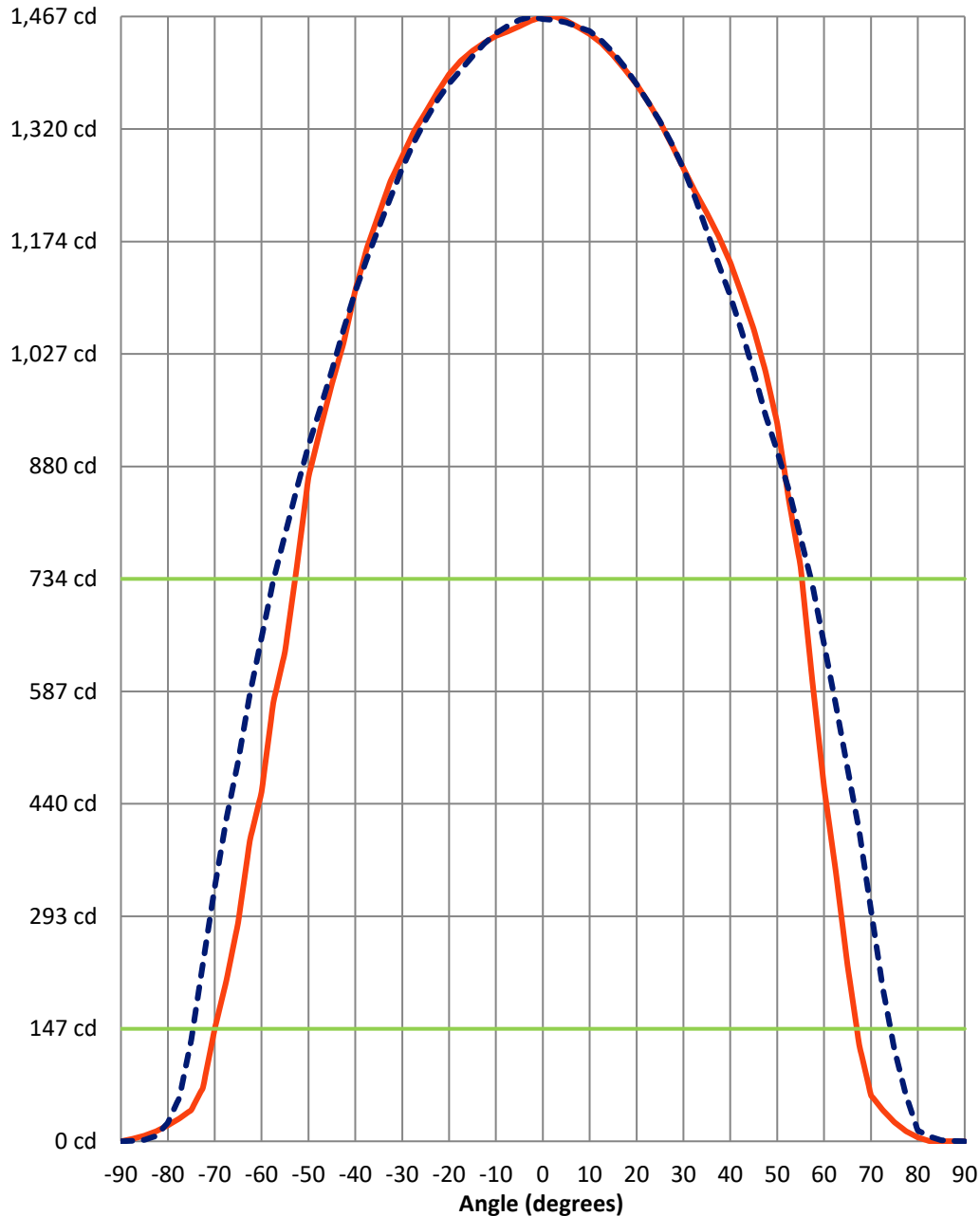
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CATALOG NUMBER: LSF25-XX-PC-25W-7050

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 114.6°
 V Angle: 108.1°
 Lumens: 3162.6
 Efficiency: 81.5%

Field:
 H Angle: 148.8°
 V Angle: 137°
 Lumens: 3827.7
 Efficiency: 98.6%

Spill:
 Lumens: 54.1
 Efficiency: 1.4%

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



REPORT NUMBER: P622914 (CONVERTED FROM TYPE C PHOTOMETRY)
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FIELD
 BEAM

CANDELA DISTRIBUTION:

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|------|--------|------|--------|-------|--------|-------|--------|-------|
| 90° | 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 | 0.0 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| 85° | 0.0 | 0.1 | 0.2 | 0.2 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 82.5° | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 80° | 0.0 | 0.2 | 0.3 | 0.4 | 0.4 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.6 |
| 77.5° | 0.0 | 0.2 | 0.4 | 0.4 | 0.5 | 0.5 | 0.5 | 0.6 | 0.7 | 0.8 | 1.0 |
| 75° | 0.0 | 0.2 | 0.4 | 0.5 | 0.5 | 0.6 | 0.7 | 0.8 | 1.0 | 1.4 | 2.0 |
| 72.5° | 0.0 | 0.3 | 0.5 | 0.5 | 0.6 | 0.7 | 0.9 | 1.2 | 1.8 | 2.7 | 4.0 |
| 70° | 0.0 | 0.3 | 0.5 | 0.6 | 0.7 | 0.9 | 1.2 | 1.9 | 3.1 | 5.0 | 7.3 |
| 67.5° | 0.0 | 0.4 | 0.5 | 0.6 | 0.8 | 1.2 | 1.9 | 3.1 | 5.3 | 8.0 | 10.7 |
| 65° | 0.0 | 0.4 | 0.6 | 0.7 | 1.0 | 1.6 | 2.7 | 4.8 | 7.9 | 11.1 | 14.7 |
| 62.5° | 0.0 | 0.4 | 0.6 | 0.8 | 1.2 | 2.1 | 3.8 | 7.1 | 10.5 | 14.7 | 19.6 |
| 60° | 0.0 | 0.4 | 0.6 | 0.8 | 1.4 | 2.9 | 5.5 | 9.3 | 13.6 | 18.9 | 28.5 |
| 57.5° | 0.0 | 0.4 | 0.6 | 0.9 | 1.9 | 3.8 | 7.4 | 11.8 | 17.2 | 23.7 | 51.3 |
| 55° | 0.0 | 0.5 | 0.6 | 1.1 | 2.3 | 4.8 | 9.2 | 14.7 | 21.0 | 42.9 | 78.5 |
| 52.5° | 0.0 | 0.5 | 0.7 | 1.3 | 2.8 | 6.3 | 11.2 | 18.3 | 25.5 | 66.6 | 105.4 |
| 50° | 0.0 | 0.5 | 0.7 | 1.5 | 3.5 | 7.7 | 14.4 | 22.1 | 46.7 | 90.9 | 141.3 |
| 47.5° | 0.0 | 0.5 | 0.8 | 1.7 | 4.2 | 9.1 | 17.7 | 26.6 | 68.1 | 114.9 | 173.2 |
| 45° | 0.0 | 0.5 | 0.8 | 2.0 | 4.9 | 10.4 | 21.4 | 37.4 | 88.4 | 146.8 | 204.8 |
| 42.5° | 0.0 | 0.5 | 0.9 | 2.3 | 5.9 | 12.6 | 25.2 | 53.3 | 108.2 | 175.8 | 237.8 |
| 40° | 0.0 | 0.6 | 1.0 | 2.6 | 6.8 | 15.6 | 29.4 | 68.9 | 129.7 | 202.4 | 270.6 |
| 37.5° | 0.0 | 0.6 | 1.0 | 2.9 | 7.7 | 18.6 | 33.6 | 83.9 | 154.3 | 227.6 | 299.7 |
| 35° | 0.0 | 0.6 | 1.1 | 3.3 | 8.6 | 21.8 | 41.8 | 99.0 | 176.2 | 251.0 | 325.7 |
| 32.5° | 0.0 | 0.6 | 1.2 | 3.7 | 9.5 | 25.0 | 51.7 | 114.1 | 195.5 | 272.6 | 350.4 |
| 30° | 0.0 | 0.6 | 1.3 | 4.1 | 10.3 | 28.1 | 60.6 | 129.4 | 213.9 | 294.0 | 376.0 |
| 27.5° | 0.0 | 0.6 | 1.4 | 4.4 | 11.1 | 31.2 | 70.1 | 146.4 | 231.2 | 314.5 | 400.0 |
| 25° | 0.0 | 0.6 | 1.4 | 4.7 | 12.1 | 34.4 | 79.0 | 162.1 | 247.0 | 332.7 | 415.9 |
| 22.5° | 0.0 | 0.6 | 1.5 | 5.0 | 14.1 | 37.4 | 87.1 | 175.7 | 261.3 | 349.0 | 430.5 |
| 20° | 0.0 | 0.6 | 1.6 | 5.4 | 15.9 | 40.3 | 95.0 | 187.1 | 274.3 | 364.1 | 445.2 |
| 17.5° | 0.0 | 0.6 | 1.6 | 5.7 | 17.5 | 43.1 | 103.2 | 197.2 | 286.0 | 378.5 | 458.1 |
| 15° | 0.0 | 0.6 | 1.7 | 6.0 | 19.1 | 46.3 | 110.5 | 206.2 | 297.4 | 391.0 | 468.8 |
| 12.5° | 0.0 | 0.6 | 1.8 | 6.3 | 20.5 | 49.7 | 116.8 | 214.0 | 307.2 | 401.6 | 477.0 |
| 10° | 0.0 | 0.6 | 1.8 | 6.5 | 21.7 | 52.5 | 122.2 | 220.5 | 315.5 | 408.9 | 483.8 |
| 7.5° | 0.0 | 0.6 | 1.8 | 6.7 | 22.8 | 54.7 | 126.7 | 225.7 | 322.3 | 414.2 | 489.2 |
| 5° | 0.0 | 0.6 | 1.9 | 6.8 | 23.6 | 56.5 | 130.0 | 229.7 | 327.5 | 418.2 | 493.2 |
| 2.5° | 0.0 | 0.6 | 1.9 | 6.9 | 24.3 | 57.8 | 132.3 | 232.3 | 331.0 | 420.8 | 495.6 |
| 0° | 0.0 | 0.6 | 1.9 | 7.0 | 24.7 | 58.6 | 133.5 | 233.7 | 332.9 | 422.1 | 496.6 |
| -2.5° | 0.0 | 0.7 | 1.9 | 7.0 | 24.8 | 59.2 | 133.6 | 233.8 | 333.2 | 423.1 | 497.8 |
| -5° | 0.0 | 0.7 | 1.9 | 7.0 | 24.7 | 59.3 | 132.5 | 232.6 | 331.8 | 422.8 | 497.4 |
| -7.5° | 0.0 | 0.7 | 1.9 | 7.0 | 24.3 | 59.0 | 130.5 | 230.0 | 328.6 | 421.0 | 495.5 |
| -10° | 0.0 | 0.7 | 1.9 | 6.9 | 23.7 | 58.2 | 127.4 | 226.2 | 323.7 | 417.9 | 491.9 |
| -12.5° | 0.0 | 0.7 | 1.9 | 6.7 | 22.9 | 57.0 | 123.3 | 221.0 | 317.1 | 413.0 | 486.8 |
| -15° | 0.0 | 0.7 | 1.9 | 6.5 | 21.9 | 55.2 | 118.4 | 214.5 | 308.7 | 405.7 | 480.0 |
| -17.5° | 0.0 | 0.7 | 1.9 | 6.3 | 20.6 | 53.2 | 112.6 | 206.7 | 298.6 | 397.0 | 472.1 |
| -20° | 0.0 | 0.7 | 1.8 | 6.0 | 19.1 | 50.9 | 106.0 | 197.6 | 288.2 | 387.1 | 463.2 |



REPORT NUMBER: P622914 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: LSF25-XX-PC-25W-7050

CANDELA DISTRIBUTION (continued):

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|------|--------|------|--------|------|--------|-------|--------|-------|
| -22.5° | 0.0 | 0.7 | 1.8 | 5.8 | 17.4 | 48.2 | 99.7 | 187.1 | 276.5 | 373.8 | 453.0 |
| -25° | 0.0 | 0.7 | 1.7 | 5.6 | 15.5 | 45.0 | 93.2 | 174.9 | 263.4 | 358.0 | 440.5 |
| -27.5° | 0.0 | 0.7 | 1.7 | 5.3 | 14.2 | 41.2 | 85.9 | 161.0 | 248.7 | 339.7 | 426.5 |
| -30° | 0.0 | 0.7 | 1.6 | 5.0 | 13.2 | 37.9 | 78.2 | 146.0 | 232.6 | 318.9 | 409.7 |
| -32.5° | 0.0 | 0.6 | 1.5 | 4.6 | 12.0 | 34.7 | 71.9 | 132.8 | 215.0 | 297.4 | 390.4 |
| -35° | 0.0 | 0.6 | 1.4 | 4.3 | 10.6 | 31.2 | 64.8 | 120.0 | 196.1 | 276.3 | 363.5 |
| -37.5° | 0.0 | 0.6 | 1.3 | 3.9 | 9.2 | 27.6 | 57.4 | 107.3 | 175.6 | 253.6 | 331.1 |
| -40° | 0.0 | 0.6 | 1.3 | 3.6 | 8.5 | 23.7 | 50.1 | 94.5 | 153.7 | 229.3 | 298.6 |
| -42.5° | 0.0 | 0.6 | 1.2 | 3.3 | 7.7 | 19.7 | 42.0 | 81.9 | 135.3 | 202.2 | 268.4 |
| -45° | 0.0 | 0.6 | 1.1 | 3.0 | 6.8 | 16.3 | 36.9 | 70.2 | 118.9 | 174.3 | 237.2 |
| -47.5° | 0.0 | 0.6 | 1.1 | 2.6 | 6.1 | 13.3 | 31.6 | 58.4 | 101.6 | 146.5 | 205.2 |
| -50° | 0.0 | 0.6 | 1.0 | 2.3 | 5.4 | 10.0 | 26.2 | 46.5 | 83.6 | 125.6 | 173.1 |
| -52.5° | 0.0 | 0.5 | 0.9 | 2.1 | 4.6 | 8.8 | 20.6 | 38.5 | 66.8 | 103.4 | 142.9 |
| -55° | 0.0 | 0.5 | 0.9 | 1.8 | 4.0 | 7.5 | 15.6 | 31.9 | 51.1 | 82.2 | 118.5 |
| -57.5° | 0.0 | 0.5 | 0.8 | 1.6 | 3.4 | 6.4 | 10.5 | 25.0 | 39.5 | 63.7 | 91.9 |
| -60° | 0.0 | 0.5 | 0.8 | 1.4 | 2.8 | 5.4 | 8.9 | 18.1 | 31.4 | 45.0 | 71.2 |
| -62.5° | 0.0 | 0.5 | 0.8 | 1.3 | 2.4 | 4.4 | 7.3 | 11.2 | 23.5 | 35.0 | 50.2 |
| -65° | 0.0 | 0.4 | 0.7 | 1.1 | 2.0 | 3.6 | 5.9 | 9.1 | 15.8 | 26.4 | 36.4 |
| -67.5° | 0.0 | 0.4 | 0.7 | 1.0 | 1.7 | 2.8 | 4.7 | 7.3 | 11.0 | 18.1 | 27.0 |
| -70° | 0.0 | 0.4 | 0.6 | 0.9 | 1.4 | 2.3 | 3.6 | 5.6 | 8.2 | 12.1 | 18.3 |
| -72.5° | 0.0 | 0.3 | 0.6 | 0.9 | 1.1 | 1.8 | 2.7 | 4.2 | 6.2 | 8.7 | 12.0 |
| -75° | 0.0 | 0.3 | 0.5 | 0.8 | 1.0 | 1.4 | 2.0 | 3.2 | 4.6 | 6.4 | 8.5 |
| -77.5° | 0.0 | 0.2 | 0.5 | 0.7 | 0.9 | 1.2 | 1.6 | 2.3 | 3.3 | 4.6 | 6.1 |
| -80° | 0.0 | 0.2 | 0.4 | 0.6 | 0.8 | 1.0 | 1.2 | 1.7 | 2.4 | 3.2 | 4.2 |
| -82.5° | 0.0 | 0.1 | 0.3 | 0.5 | 0.6 | 0.8 | 1.0 | 1.3 | 1.7 | 2.2 | 2.8 |
| -85° | 0.0 | 0.1 | 0.2 | 0.3 | 0.5 | 0.6 | 0.7 | 0.9 | 1.2 | 1.4 | 1.8 |
| -87.5° | 0.0 | 0.0 | 0.1 | 0.2 | 0.2 | 0.3 | 0.4 | 0.5 | 0.7 | 0.8 | 1.0 |
| -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: P622914 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: LSF25-XX-PC-25W-7050

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° | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| 85° | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| 82.5° | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.3 | 0.3 | 0.3 | 0.3 | 0.4 | 0.3 |
| 80° | 0.6 | 0.6 | 0.7 | 0.8 | 1.0 | 1.2 | 1.5 | 1.7 | 2.1 | 2.3 | 2.5 |
| 77.5° | 1.2 | 1.5 | 2.0 | 2.6 | 3.6 | 4.3 | 5.1 | 5.9 | 6.7 | 7.4 | 8.1 |
| 75° | 2.6 | 4.0 | 5.4 | 6.8 | 8.0 | 9.2 | 10.3 | 12.0 | 13.5 | 15.0 | 16.3 |
| 72.5° | 6.0 | 7.9 | 9.6 | 11.2 | 13.5 | 15.9 | 18.4 | 21.2 | 23.5 | 25.8 | 27.8 |
| 70° | 9.6 | 11.9 | 14.8 | 17.9 | 21.3 | 27.1 | 32.5 | 35.3 | 44.2 | 52.2 | 56.9 |
| 67.5° | 13.7 | 17.4 | 21.6 | 29.9 | 40.8 | 51.6 | 63.6 | 75.4 | 82.8 | 88.6 | 95.0 |
| 65° | 19.1 | 26.1 | 38.9 | 57.2 | 73.8 | 93.7 | 106.3 | 118.9 | 134.0 | 148.9 | 158.0 |
| 62.5° | 29.5 | 49.0 | 71.5 | 95.6 | 119.0 | 135.9 | 160.2 | 190.6 | 205.5 | 242.5 | 254.7 |
| 60° | 53.5 | 80.2 | 111.8 | 137.9 | 163.7 | 208.4 | 241.1 | 280.2 | 299.7 | 309.5 | 335.4 |
| 57.5° | 82.8 | 118.8 | 150.7 | 184.5 | 247.9 | 288.7 | 330.9 | 349.8 | 375.3 | 409.8 | 431.3 |
| 55° | 116.5 | 156.6 | 195.1 | 273.2 | 324.6 | 369.4 | 396.0 | 432.3 | 451.9 | 512.8 | 546.8 |
| 52.5° | 154.5 | 196.3 | 269.6 | 339.5 | 400.4 | 433.0 | 464.4 | 499.8 | 555.3 | 589.6 | 614.5 |
| 50° | 188.4 | 253.1 | 326.9 | 401.9 | 460.2 | 487.6 | 527.5 | 580.2 | 613.0 | 656.7 | 698.4 |
| 47.5° | 228.3 | 304.4 | 378.9 | 449.4 | 499.6 | 541.0 | 590.8 | 629.1 | 678.2 | 713.2 | 751.8 |
| 45° | 274.1 | 348.0 | 426.2 | 483.4 | 536.4 | 593.6 | 637.0 | 685.1 | 720.9 | 760.3 | 793.2 |
| 42.5° | 312.3 | 391.2 | 458.4 | 513.2 | 576.3 | 634.8 | 682.2 | 721.0 | 760.7 | 797.0 | 838.1 |
| 40° | 345.7 | 424.8 | 487.0 | 548.6 | 611.1 | 668.5 | 715.6 | 754.2 | 793.3 | 834.6 | 871.3 |
| 37.5° | 379.0 | 451.1 | 513.3 | 580.6 | 641.5 | 698.1 | 741.6 | 783.9 | 824.5 | 863.0 | 903.2 |
| 35° | 407.7 | 476.1 | 542.0 | 607.4 | 670.2 | 722.5 | 768.0 | 809.7 | 848.8 | 890.8 | 935.3 |
| 32.5° | 427.2 | 496.2 | 567.4 | 631.4 | 696.2 | 745.3 | 791.8 | 833.3 | 872.8 | 919.0 | 960.7 |
| 30° | 449.3 | 518.6 | 588.2 | 655.9 | 717.3 | 767.4 | 814.3 | 856.4 | 898.5 | 941.8 | 985.5 |
| 27.5° | 470.3 | 538.9 | 606.6 | 678.4 | 735.9 | 787.0 | 835.0 | 878.1 | 922.5 | 966.1 | 1008.9 |
| 25° | 486.7 | 559.6 | 623.8 | 698.0 | 753.3 | 806.0 | 854.4 | 899.0 | 944.4 | 989.6 | 1032.0 |
| 22.5° | 502.9 | 577.1 | 645.8 | 714.6 | 769.4 | 823.7 | 871.6 | 917.3 | 965.1 | 1011.9 | 1054.3 |
| 20° | 518.5 | 592.7 | 664.9 | 729.5 | 783.6 | 839.7 | 886.6 | 934.3 | 984.0 | 1030.9 | 1072.7 |
| 17.5° | 532.5 | 606.9 | 681.2 | 743.6 | 799.4 | 853.9 | 899.5 | 949.7 | 1001.3 | 1048.0 | 1089.9 |
| 15° | 546.2 | 619.6 | 694.5 | 756.4 | 813.4 | 866.8 | 913.4 | 963.7 | 1015.7 | 1061.3 | 1104.9 |
| 12.5° | 558.4 | 631.1 | 705.8 | 767.3 | 824.8 | 878.4 | 926.3 | 977.3 | 1028.2 | 1073.4 | 1117.4 |
| 10° | 568.6 | 640.8 | 715.3 | 775.9 | 834.2 | 888.2 | 937.0 | 988.1 | 1039.1 | 1085.7 | 1129.1 |
| 7.5° | 575.1 | 648.2 | 722.4 | 782.8 | 841.7 | 896.3 | 945.5 | 996.3 | 1048.0 | 1095.7 | 1139.3 |
| 5° | 579.9 | 653.6 | 727.7 | 787.9 | 847.2 | 902.7 | 951.6 | 1002.1 | 1054.5 | 1103.3 | 1146.8 |
| 2.5° | 583.2 | 657.0 | 731.3 | 791.3 | 850.9 | 907.3 | 955.6 | 1005.5 | 1059.0 | 1108.5 | 1151.7 |
| 0° | 584.8 | 658.4 | 733.0 | 793.0 | 852.6 | 910.1 | 957.6 | 1006.6 | 1061.1 | 1111.3 | 1154.2 |
| -2.5° | 586.3 | 659.7 | 733.4 | 794.0 | 853.2 | 910.4 | 959.3 | 1008.5 | 1061.6 | 1110.9 | 1153.5 |
| -5° | 586.1 | 659.2 | 732.0 | 793.1 | 852.1 | 908.6 | 959.0 | 1008.2 | 1059.7 | 1108.2 | 1150.5 |
| -7.5° | 584.4 | 656.7 | 728.8 | 790.3 | 849.2 | 904.9 | 956.7 | 1005.7 | 1055.6 | 1103.3 | 1145.0 |
| -10° | 581.2 | 652.2 | 723.9 | 785.5 | 844.7 | 899.1 | 952.0 | 1001.0 | 1050.0 | 1096.2 | 1137.6 |
| -12.5° | 574.3 | 645.7 | 717.2 | 778.5 | 838.5 | 891.1 | 945.1 | 994.5 | 1042.9 | 1087.4 | 1128.9 |
| -15° | 565.3 | 637.6 | 709.3 | 769.9 | 830.7 | 881.2 | 935.2 | 986.1 | 1033.6 | 1077.4 | 1118.9 |
| -17.5° | 555.2 | 628.8 | 699.7 | 759.6 | 819.3 | 870.4 | 921.8 | 973.9 | 1022.2 | 1065.4 | 1106.6 |
| -20° | 542.2 | 618.8 | 687.3 | 747.7 | 805.5 | 859.5 | 906.8 | 958.6 | 1008.1 | 1051.8 | 1092.0 |

Classified

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

Scaled Data Report



REPORT NUMBER: P622914 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: LSF25-XX-PC-25W-7050

CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|-------|--------|-------|--------|-------|--------|-------|--------|--------|--------|
| -22.5° | 525.7 | 606.8 | 672.4 | 734.7 | 787.7 | 844.8 | 890.8 | 940.4 | 990.3 | 1036.9 | 1075.9 |
| -25° | 508.8 | 593.1 | 654.5 | 718.2 | 768.8 | 825.6 | 874.3 | 919.6 | 967.9 | 1018.1 | 1057.1 |
| -27.5° | 492.6 | 576.5 | 633.8 | 696.6 | 749.1 | 802.2 | 856.0 | 898.9 | 944.1 | 992.1 | 1035.6 |
| -30° | 476.7 | 548.8 | 611.3 | 669.8 | 728.2 | 776.4 | 830.8 | 878.2 | 918.8 | 961.9 | 1004.4 |
| -32.5° | 457.8 | 515.6 | 586.3 | 639.1 | 702.5 | 750.9 | 801.4 | 853.0 | 893.5 | 930.0 | 970.3 |
| -35° | 433.7 | 489.8 | 557.4 | 610.3 | 668.9 | 725.1 | 769.6 | 820.0 | 861.7 | 894.2 | 934.5 |
| -37.5° | 406.9 | 463.7 | 519.9 | 580.2 | 630.2 | 690.8 | 739.8 | 779.6 | 820.3 | 856.4 | 890.2 |
| -40° | 374.4 | 434.9 | 487.6 | 545.5 | 594.1 | 647.7 | 703.6 | 740.0 | 776.5 | 812.3 | 844.8 |
| -42.5° | 334.3 | 402.5 | 455.3 | 503.9 | 557.4 | 602.5 | 655.3 | 700.0 | 732.1 | 765.4 | 796.9 |
| -45° | 297.2 | 363.1 | 419.9 | 469.8 | 515.0 | 559.3 | 599.1 | 650.8 | 688.6 | 717.4 | 746.8 |
| -47.5° | 262.1 | 317.0 | 379.7 | 429.2 | 475.7 | 510.9 | 543.8 | 586.1 | 635.9 | 670.4 | 695.0 |
| -50° | 226.4 | 277.3 | 327.6 | 385.3 | 429.0 | 465.2 | 493.5 | 519.5 | 560.7 | 609.9 | 644.7 |
| -52.5° | 190.1 | 238.1 | 283.0 | 329.9 | 377.2 | 409.3 | 446.0 | 469.3 | 488.6 | 520.7 | 568.9 |
| -55° | 156.0 | 198.4 | 240.7 | 279.7 | 317.4 | 353.0 | 380.3 | 418.2 | 440.1 | 453.0 | 468.3 |
| -57.5° | 126.6 | 160.7 | 197.9 | 233.5 | 263.8 | 293.9 | 321.7 | 342.0 | 370.2 | 402.8 | 415.8 |
| -60° | 97.2 | 128.5 | 158.0 | 187.1 | 213.4 | 239.1 | 264.9 | 285.8 | 298.1 | 315.7 | 347.1 |
| -62.5° | 73.3 | 96.0 | 124.3 | 145.2 | 165.3 | 187.9 | 205.5 | 227.7 | 249.8 | 259.6 | 269.6 |
| -65° | 50.4 | 71.1 | 88.0 | 109.1 | 124.9 | 138.6 | 156.0 | 170.8 | 181.2 | 198.2 | 214.9 |
| -67.5° | 35.2 | 45.6 | 63.7 | 72.8 | 86.4 | 100.9 | 111.0 | 119.7 | 131.0 | 145.1 | 151.2 |
| -70° | 25.8 | 32.1 | 39.4 | 47.2 | 55.1 | 61.8 | 71.4 | 82.0 | 87.7 | 91.8 | 96.3 |
| -72.5° | 17.0 | 23.3 | 27.7 | 30.6 | 34.1 | 37.1 | 39.9 | 42.4 | 48.3 | 54.8 | 58.5 |
| -75° | 10.8 | 14.8 | 18.7 | 21.6 | 23.8 | 25.5 | 26.6 | 27.1 | 27.8 | 29.9 | 31.5 |
| -77.5° | 7.7 | 9.6 | 11.2 | 13.0 | 15.4 | 17.1 | 18.5 | 19.4 | 20.5 | 21.7 | 22.8 |
| -80° | 5.3 | 6.6 | 7.7 | 8.7 | 9.7 | 10.8 | 11.8 | 12.9 | 13.8 | 14.6 | 15.3 |
| -82.5° | 3.5 | 4.3 | 4.9 | 5.5 | 6.2 | 6.8 | 7.5 | 8.2 | 8.7 | 9.2 | 9.7 |
| -85° | 2.2 | 2.6 | 2.9 | 3.2 | 3.5 | 3.9 | 4.3 | 4.7 | 4.9 | 5.2 | 5.4 |
| -87.5° | 1.1 | 1.3 | 1.5 | 1.6 | 1.7 | 1.9 | 2.0 | 2.2 | 2.3 | 2.4 | 2.5 |
| -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: P622914 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: LSF25-XX-PC-25W-7050

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° | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 | 0.1 |
| 85° | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 82.5° | 0.4 | 0.4 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 80° | 2.8 | 3.1 | 3.3 | 3.6 | 3.8 | 4.1 | 4.3 | 4.5 | 4.7 | 4.9 | 5.0 |
| 77.5° | 8.8 | 9.4 | 9.9 | 10.5 | 11.1 | 11.6 | 12.0 | 12.2 | 12.3 | 12.7 | 12.9 |
| 75° | 17.6 | 18.7 | 19.5 | 20.6 | 21.6 | 22.3 | 22.9 | 23.4 | 23.7 | 24.2 | 24.6 |
| 72.5° | 31.3 | 33.8 | 34.0 | 34.3 | 35.7 | 36.8 | 37.8 | 38.4 | 38.8 | 39.5 | 40.3 |
| 70° | 58.6 | 57.3 | 54.8 | 54.4 | 57.4 | 59.1 | 59.7 | 59.6 | 59.5 | 60.0 | 61.0 |
| 67.5° | 98.7 | 98.4 | 98.6 | 101.8 | 114.6 | 122.2 | 121.4 | 118.2 | 116.4 | 120.3 | 127.3 |
| 65° | 173.4 | 197.3 | 195.2 | 187.1 | 207.5 | 225.0 | 223.5 | 221.2 | 220.3 | 224.8 | 230.5 |
| 62.5° | 257.5 | 276.9 | 282.6 | 284.3 | 310.9 | 323.1 | 327.3 | 330.2 | 329.7 | 331.5 | 339.0 |
| 60° | 356.3 | 377.2 | 394.6 | 396.8 | 396.9 | 424.3 | 451.0 | 454.6 | 452.0 | 449.8 | 456.8 |
| 57.5° | 466.7 | 478.2 | 494.6 | 511.2 | 523.9 | 528.1 | 548.2 | 575.9 | 585.1 | 581.3 | 589.6 |
| 55° | 558.1 | 574.8 | 591.1 | 621.2 | 659.3 | 678.4 | 675.4 | 677.5 | 697.9 | 722.4 | 730.2 |
| 52.5° | 647.6 | 674.7 | 708.0 | 728.2 | 741.0 | 758.0 | 784.5 | 800.2 | 808.5 | 812.6 | 820.7 |
| 50° | 724.8 | 750.5 | 766.8 | 795.3 | 825.9 | 845.1 | 857.9 | 879.4 | 895.8 | 912.4 | 921.0 |
| 47.5° | 779.2 | 806.0 | 838.7 | 860.6 | 892.8 | 913.8 | 928.3 | 943.2 | 965.0 | 979.9 | 988.0 |
| 45° | 832.4 | 859.9 | 892.5 | 917.2 | 938.7 | 966.1 | 986.2 | 1000.3 | 1012.5 | 1028.5 | 1041.0 |
| 42.5° | 871.4 | 908.2 | 936.9 | 964.6 | 988.8 | 1008.5 | 1031.6 | 1047.8 | 1062.7 | 1073.5 | 1085.6 |
| 40° | 910.1 | 951.4 | 976.9 | 1002.1 | 1028.1 | 1048.8 | 1075.8 | 1089.0 | 1103.3 | 1115.6 | 1128.7 |
| 37.5° | 946.0 | 980.6 | 1010.4 | 1035.1 | 1062.3 | 1083.8 | 1109.7 | 1126.5 | 1139.3 | 1153.2 | 1164.9 |
| 35° | 973.5 | 1008.6 | 1037.1 | 1063.3 | 1090.7 | 1116.3 | 1138.2 | 1154.8 | 1168.7 | 1183.5 | 1196.9 |
| 32.5° | 1000.0 | 1033.4 | 1061.8 | 1090.3 | 1118.8 | 1143.7 | 1162.9 | 1178.6 | 1195.0 | 1211.4 | 1225.7 |
| 30° | 1024.4 | 1058.0 | 1089.0 | 1117.9 | 1146.4 | 1170.2 | 1189.9 | 1206.3 | 1223.9 | 1240.8 | 1255.3 |
| 27.5° | 1048.2 | 1082.9 | 1115.4 | 1146.3 | 1174.4 | 1198.7 | 1218.4 | 1237.0 | 1253.7 | 1271.8 | 1285.2 |
| 25° | 1070.8 | 1107.0 | 1141.1 | 1172.5 | 1201.2 | 1224.9 | 1247.0 | 1267.6 | 1285.2 | 1301.0 | 1312.1 |
| 22.5° | 1092.7 | 1129.6 | 1164.4 | 1197.1 | 1224.8 | 1250.6 | 1274.2 | 1294.0 | 1311.5 | 1326.4 | 1337.2 |
| 20° | 1112.7 | 1150.4 | 1186.2 | 1217.9 | 1247.5 | 1273.6 | 1296.1 | 1316.8 | 1333.7 | 1348.2 | 1359.1 |
| 17.5° | 1130.5 | 1168.8 | 1204.4 | 1238.4 | 1266.9 | 1292.6 | 1316.8 | 1335.6 | 1353.4 | 1367.1 | 1378.4 |
| 15° | 1145.8 | 1184.9 | 1221.6 | 1255.3 | 1283.5 | 1310.7 | 1333.2 | 1353.3 | 1370.5 | 1385.0 | 1395.9 |
| 12.5° | 1158.7 | 1198.3 | 1236.0 | 1269.4 | 1298.8 | 1325.5 | 1347.4 | 1367.1 | 1385.1 | 1400.0 | 1411.2 |
| 10° | 1170.0 | 1209.8 | 1248.0 | 1281.5 | 1311.7 | 1336.8 | 1359.3 | 1378.3 | 1396.5 | 1411.4 | 1423.6 |
| 7.5° | 1179.8 | 1219.4 | 1257.8 | 1291.5 | 1319.8 | 1346.5 | 1368.0 | 1387.8 | 1404.6 | 1420.6 | 1432.8 |
| 5° | 1187.0 | 1226.6 | 1264.7 | 1298.7 | 1327.2 | 1353.4 | 1375.0 | 1393.1 | 1409.9 | 1426.8 | 1440.0 |
| 2.5° | 1191.6 | 1230.8 | 1269.1 | 1302.9 | 1332.2 | 1357.9 | 1379.6 | 1397.4 | 1415.2 | 1431.6 | 1445.3 |
| 0° | 1193.7 | 1232.3 | 1270.8 | 1304.5 | 1334.4 | 1360.1 | 1381.1 | 1399.5 | 1418.5 | 1435.1 | 1447.8 |
| -2.5° | 1192.7 | 1231.1 | 1269.0 | 1303.1 | 1331.9 | 1357.1 | 1377.3 | 1395.8 | 1414.3 | 1431.3 | 1445.9 |
| -5° | 1189.3 | 1227.3 | 1264.4 | 1299.1 | 1327.4 | 1352.0 | 1371.4 | 1389.7 | 1408.4 | 1426.0 | 1440.1 |
| -7.5° | 1183.6 | 1221.0 | 1256.8 | 1292.2 | 1322.0 | 1346.1 | 1366.3 | 1384.5 | 1402.4 | 1419.0 | 1433.5 |
| -10° | 1175.7 | 1213.1 | 1249.4 | 1285.1 | 1315.6 | 1339.0 | 1359.8 | 1378.1 | 1395.5 | 1412.6 | 1426.4 |
| -12.5° | 1168.8 | 1206.6 | 1242.9 | 1276.7 | 1306.8 | 1331.2 | 1351.4 | 1370.7 | 1388.2 | 1404.3 | 1416.8 |
| -15° | 1158.9 | 1197.9 | 1233.8 | 1265.6 | 1295.3 | 1320.4 | 1341.2 | 1361.0 | 1379.0 | 1392.8 | 1405.9 |
| -17.5° | 1146.5 | 1186.5 | 1222.4 | 1255.9 | 1280.9 | 1305.8 | 1327.0 | 1347.6 | 1365.2 | 1379.4 | 1390.3 |
| -20° | 1130.5 | 1170.6 | 1208.2 | 1237.2 | 1263.6 | 1286.5 | 1310.3 | 1328.8 | 1347.2 | 1362.9 | 1373.5 |

Classified

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

Scaled Data Report



REPORT NUMBER: P622914 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: LSF25-XX-PC-25W-7050

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 1113.2 | 1150.5 | 1186.7 | 1217.8 | 1242.5 | 1266.5 | 1287.4 | 1308.7 | 1326.7 | 1341.1 | 1351.5 |
| -25° | 1092.5 | 1125.8 | 1161.5 | 1195.0 | 1221.5 | 1242.3 | 1265.1 | 1285.3 | 1302.1 | 1316.1 | 1327.6 |
| -27.5° | 1067.8 | 1100.8 | 1133.5 | 1166.2 | 1196.7 | 1219.2 | 1238.5 | 1257.6 | 1276.1 | 1289.7 | 1297.6 |
| -30° | 1038.9 | 1072.0 | 1103.5 | 1134.9 | 1163.1 | 1188.0 | 1210.5 | 1228.1 | 1243.9 | 1257.2 | 1267.9 |
| -32.5° | 1005.8 | 1036.5 | 1069.8 | 1099.9 | 1126.3 | 1150.7 | 1172.8 | 1193.4 | 1208.4 | 1221.2 | 1233.2 |
| -35° | 971.6 | 1000.0 | 1028.0 | 1060.1 | 1089.2 | 1110.8 | 1131.1 | 1149.9 | 1167.0 | 1180.1 | 1189.3 |
| -37.5° | 932.1 | 966.7 | 988.1 | 1012.2 | 1042.5 | 1071.9 | 1091.3 | 1106.2 | 1122.6 | 1137.0 | 1148.0 |
| -40° | 878.6 | 920.3 | 948.6 | 967.4 | 986.9 | 1012.0 | 1041.2 | 1057.7 | 1068.0 | 1079.2 | 1091.3 |
| -42.5° | 826.0 | 857.8 | 892.9 | 920.1 | 938.2 | 954.1 | 973.5 | 992.7 | 1007.7 | 1017.5 | 1022.9 |
| -45° | 774.8 | 804.9 | 832.1 | 859.7 | 883.2 | 899.8 | 918.2 | 934.9 | 949.1 | 961.4 | 970.7 |
| -47.5° | 718.9 | 747.9 | 777.7 | 803.3 | 823.7 | 843.2 | 862.7 | 879.3 | 892.9 | 904.1 | 913.5 |
| -50° | 656.8 | 673.4 | 700.8 | 734.3 | 763.1 | 779.7 | 793.4 | 810.3 | 827.3 | 842.2 | 851.8 |
| -52.5° | 599.4 | 610.6 | 615.2 | 630.2 | 656.1 | 684.2 | 699.3 | 706.4 | 712.4 | 723.5 | 737.8 |
| -55° | 504.6 | 542.0 | 558.0 | 561.8 | 562.5 | 577.5 | 598.6 | 612.8 | 620.1 | 619.2 | 626.7 |
| -57.5° | 423.3 | 435.3 | 462.3 | 488.1 | 505.8 | 510.1 | 517.1 | 529.5 | 542.5 | 554.6 | 564.2 |
| -60° | 371.4 | 377.8 | 380.7 | 386.0 | 400.2 | 420.4 | 432.8 | 438.8 | 438.9 | 439.3 | 447.6 |
| -62.5° | 284.3 | 309.9 | 325.9 | 331.5 | 335.0 | 344.4 | 356.7 | 369.0 | 375.5 | 379.6 | 384.5 |
| -65° | 227.6 | 233.3 | 239.3 | 244.7 | 262.2 | 273.4 | 273.5 | 272.6 | 272.9 | 280.9 | 288.4 |
| -67.5° | 157.6 | 162.2 | 170.8 | 183.0 | 189.8 | 191.2 | 191.0 | 191.9 | 192.0 | 195.6 | 201.3 |
| -70° | 103.7 | 113.5 | 118.9 | 119.7 | 120.4 | 124.1 | 129.9 | 136.7 | 139.0 | 139.4 | 140.9 |
| -72.5° | 59.3 | 58.7 | 57.7 | 60.8 | 63.8 | 66.3 | 69.6 | 71.1 | 70.8 | 70.8 | 70.9 |
| -75° | 34.0 | 35.6 | 35.1 | 35.3 | 36.3 | 37.2 | 38.2 | 39.2 | 39.3 | 39.8 | 40.3 |
| -77.5° | 23.7 | 24.5 | 25.2 | 25.9 | 26.7 | 27.3 | 27.9 | 28.3 | 28.7 | 29.1 | 29.5 |
| -80° | 16.1 | 16.9 | 17.5 | 18.1 | 18.6 | 19.1 | 19.5 | 19.8 | 20.1 | 20.3 | 20.5 |
| -82.5° | 10.2 | 10.6 | 11.0 | 11.4 | 11.7 | 11.9 | 12.2 | 12.4 | 12.6 | 12.7 | 12.9 |
| -85° | 5.6 | 5.9 | 6.1 | 6.3 | 6.5 | 6.7 | 6.8 | 7.0 | 7.1 | 7.2 | 7.2 |
| -87.5° | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.0 | 3.1 | 3.1 | 3.2 | 3.2 | 3.2 |
| -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: P622914 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: LSF25-XX-PC-25W-7050

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° | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| 85° | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 82.5° | 0.3 | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| 80° | 5.1 | 5.1 | 5.1 | 5.0 | 5.1 | 5.1 | 5.0 | 4.9 | 4.8 | 4.6 | 4.4 |
| 77.5° | 13.1 | 13.1 | 13.1 | 13.0 | 13.1 | 13.1 | 13.0 | 12.8 | 12.5 | 12.1 | 12.0 |
| 75° | 24.9 | 25.0 | 24.9 | 24.7 | 24.9 | 24.9 | 24.8 | 24.5 | 24.1 | 23.6 | 23.3 |
| 72.5° | 40.7 | 40.9 | 40.9 | 40.6 | 40.9 | 41.0 | 40.8 | 40.3 | 39.6 | 39.1 | 39.2 |
| 70° | 61.3 | 61.0 | 60.2 | 59.0 | 60.4 | 61.3 | 61.7 | 61.5 | 60.5 | 59.9 | 60.0 |
| 67.5° | 130.3 | 129.5 | 125.7 | 120.0 | 125.8 | 129.6 | 130.3 | 126.9 | 119.5 | 116.4 | 119.0 |
| 65° | 232.8 | 232.4 | 229.8 | 225.5 | 230.3 | 233.5 | 234.1 | 231.7 | 225.4 | 220.5 | 222.6 |
| 62.5° | 348.6 | 352.5 | 351.7 | 347.0 | 351.4 | 352.0 | 348.1 | 339.0 | 331.1 | 329.1 | 329.8 |
| 60° | 460.9 | 462.6 | 462.1 | 460.0 | 461.8 | 461.7 | 459.4 | 454.4 | 446.1 | 448.1 | 452.7 |
| 57.5° | 596.0 | 599.3 | 600.4 | 599.4 | 600.0 | 598.4 | 594.1 | 586.4 | 578.7 | 584.5 | 576.8 |
| 55° | 738.4 | 745.3 | 748.9 | 747.0 | 748.8 | 745.4 | 738.9 | 731.6 | 725.2 | 699.8 | 678.0 |
| 52.5° | 829.1 | 834.8 | 836.1 | 834.2 | 835.9 | 834.3 | 828.5 | 820.0 | 812.2 | 808.0 | 800.8 |
| 50° | 926.5 | 932.0 | 936.4 | 938.1 | 934.7 | 928.7 | 921.5 | 914.2 | 905.7 | 892.0 | 877.0 |
| 47.5° | 995.5 | 1000.6 | 1004.3 | 1006.2 | 1003.5 | 999.0 | 992.6 | 983.6 | 974.2 | 959.2 | 939.2 |
| 45° | 1048.4 | 1054.7 | 1059.1 | 1061.0 | 1057.9 | 1052.6 | 1046.1 | 1039.0 | 1026.0 | 1009.6 | 994.6 |
| 42.5° | 1095.3 | 1099.9 | 1103.8 | 1106.1 | 1103.6 | 1099.3 | 1093.8 | 1084.0 | 1070.8 | 1057.8 | 1042.6 |
| 40° | 1135.0 | 1141.0 | 1146.2 | 1149.6 | 1146.5 | 1141.4 | 1135.4 | 1128.5 | 1114.1 | 1100.3 | 1086.0 |
| 37.5° | 1172.3 | 1177.8 | 1180.6 | 1181.5 | 1180.6 | 1178.0 | 1172.8 | 1164.9 | 1152.2 | 1137.7 | 1121.1 |
| 35° | 1205.8 | 1209.3 | 1210.7 | 1210.0 | 1210.9 | 1209.7 | 1206.1 | 1197.1 | 1183.8 | 1169.0 | 1152.8 |
| 32.5° | 1235.8 | 1238.4 | 1238.6 | 1236.8 | 1239.2 | 1239.7 | 1237.6 | 1227.2 | 1212.7 | 1196.5 | 1180.1 |
| 30° | 1266.5 | 1268.8 | 1269.1 | 1267.2 | 1270.0 | 1270.3 | 1268.5 | 1256.6 | 1242.0 | 1224.6 | 1208.0 |
| 27.5° | 1294.7 | 1298.4 | 1299.9 | 1299.3 | 1300.8 | 1300.0 | 1296.7 | 1286.0 | 1271.1 | 1252.5 | 1238.3 |
| 25° | 1320.6 | 1326.2 | 1329.6 | 1330.7 | 1330.7 | 1328.4 | 1323.1 | 1313.1 | 1299.0 | 1283.9 | 1267.7 |
| 22.5° | 1345.2 | 1351.3 | 1355.2 | 1356.4 | 1357.0 | 1354.9 | 1348.7 | 1338.4 | 1325.6 | 1311.3 | 1294.3 |
| 20° | 1368.2 | 1374.8 | 1378.7 | 1380.4 | 1379.6 | 1377.0 | 1370.6 | 1360.6 | 1348.5 | 1334.1 | 1317.6 |
| 17.5° | 1386.8 | 1393.4 | 1398.1 | 1400.2 | 1399.2 | 1395.7 | 1389.0 | 1380.3 | 1367.3 | 1352.8 | 1337.0 |
| 15° | 1404.7 | 1412.1 | 1416.5 | 1417.7 | 1417.3 | 1413.1 | 1405.7 | 1396.7 | 1385.3 | 1369.7 | 1352.9 |
| 12.5° | 1420.1 | 1428.1 | 1432.4 | 1433.0 | 1432.0 | 1427.7 | 1420.9 | 1411.9 | 1399.5 | 1385.1 | 1367.3 |
| 10° | 1432.8 | 1440.3 | 1444.2 | 1444.0 | 1443.8 | 1439.9 | 1432.0 | 1423.2 | 1412.2 | 1397.8 | 1379.2 |
| 7.5° | 1442.2 | 1451.0 | 1453.3 | 1453.5 | 1451.6 | 1448.2 | 1440.9 | 1432.7 | 1422.8 | 1408.0 | 1390.0 |
| 5° | 1451.3 | 1459.2 | 1461.7 | 1459.5 | 1457.5 | 1454.6 | 1449.4 | 1441.9 | 1431.2 | 1416.2 | 1397.0 |
| 2.5° | 1454.8 | 1462.7 | 1467.2 | 1463.8 | 1462.5 | 1459.4 | 1453.7 | 1448.1 | 1435.8 | 1420.3 | 1401.1 |
| 0° | 1456.9 | 1464.0 | 1466.9 | 1465.8 | 1462.9 | 1459.7 | 1454.9 | 1446.3 | 1435.3 | 1421.0 | 1402.7 |
| -2.5° | 1453.7 | 1460.7 | 1461.8 | 1459.6 | 1457.8 | 1455.2 | 1452.1 | 1445.3 | 1433.0 | 1417.1 | 1397.2 |
| -5° | 1449.0 | 1453.7 | 1454.4 | 1451.9 | 1450.8 | 1450.0 | 1446.9 | 1439.9 | 1428.5 | 1411.2 | 1389.1 |
| -7.5° | 1442.9 | 1448.6 | 1447.6 | 1445.2 | 1445.0 | 1444.0 | 1442.0 | 1434.8 | 1422.2 | 1404.1 | 1383.5 |
| -10° | 1435.3 | 1440.6 | 1441.8 | 1439.3 | 1440.5 | 1438.5 | 1435.5 | 1427.1 | 1413.1 | 1395.0 | 1374.1 |
| -12.5° | 1425.0 | 1430.3 | 1432.9 | 1433.3 | 1433.7 | 1431.6 | 1426.1 | 1416.7 | 1403.9 | 1386.4 | 1367.9 |
| -15° | 1413.8 | 1420.0 | 1422.4 | 1423.0 | 1423.3 | 1421.0 | 1415.1 | 1405.3 | 1392.2 | 1377.7 | 1359.1 |
| -17.5° | 1399.6 | 1406.7 | 1409.3 | 1410.1 | 1409.4 | 1406.6 | 1400.1 | 1391.4 | 1378.7 | 1364.0 | 1346.4 |
| -20° | 1382.4 | 1389.4 | 1391.7 | 1392.0 | 1391.3 | 1388.7 | 1382.5 | 1374.2 | 1361.3 | 1345.8 | 1330.7 |



REPORT NUMBER: P622914 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: LSF25-XX-PC-25W-7050

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 1360.0 | 1365.0 | 1368.2 | 1368.7 | 1368.8 | 1366.5 | 1360.3 | 1350.8 | 1337.8 | 1324.6 | 1309.0 |
| -25° | 1333.8 | 1339.1 | 1342.2 | 1342.8 | 1343.2 | 1340.6 | 1334.1 | 1325.0 | 1312.4 | 1298.8 | 1285.3 |
| -27.5° | 1306.4 | 1313.6 | 1317.1 | 1318.2 | 1317.1 | 1313.6 | 1306.2 | 1295.9 | 1286.6 | 1273.8 | 1256.5 |
| -30° | 1275.4 | 1281.1 | 1284.6 | 1285.9 | 1284.6 | 1281.1 | 1275.5 | 1267.8 | 1256.6 | 1242.2 | 1226.0 |
| -32.5° | 1242.2 | 1248.6 | 1252.3 | 1253.6 | 1252.9 | 1250.0 | 1244.5 | 1235.0 | 1222.3 | 1208.3 | 1192.8 |
| -35° | 1197.4 | 1204.7 | 1209.1 | 1210.8 | 1210.3 | 1206.9 | 1200.4 | 1191.8 | 1181.8 | 1167.7 | 1149.7 |
| -37.5° | 1155.7 | 1161.8 | 1165.5 | 1166.8 | 1166.4 | 1163.6 | 1158.5 | 1150.8 | 1138.9 | 1124.3 | 1108.3 |
| -40° | 1100.9 | 1107.3 | 1110.2 | 1109.3 | 1110.8 | 1108.4 | 1101.9 | 1091.5 | 1080.3 | 1069.4 | 1056.9 |
| -42.5° | 1031.7 | 1038.5 | 1041.7 | 1041.9 | 1042.2 | 1039.4 | 1033.5 | 1025.3 | 1018.7 | 1008.6 | 992.5 |
| -45° | 978.1 | 983.9 | 987.7 | 989.2 | 988.5 | 985.4 | 979.9 | 972.4 | 962.5 | 949.9 | 935.0 |
| -47.5° | 920.9 | 925.7 | 928.3 | 928.7 | 928.7 | 926.4 | 921.5 | 914.0 | 904.3 | 893.3 | 880.3 |
| -50° | 858.3 | 863.2 | 866.0 | 866.1 | 866.1 | 863.3 | 858.1 | 850.8 | 840.6 | 826.5 | 810.3 |
| -52.5° | 746.2 | 749.7 | 748.7 | 743.0 | 747.7 | 747.5 | 742.5 | 732.5 | 717.4 | 707.7 | 702.8 |
| -55° | 632.8 | 636.9 | 638.9 | 639.1 | 637.9 | 634.8 | 629.9 | 623.1 | 615.0 | 615.3 | 606.8 |
| -57.5° | 568.3 | 570.8 | 571.9 | 570.9 | 571.5 | 570.1 | 567.5 | 563.4 | 553.5 | 540.3 | 526.2 |
| -60° | 453.0 | 455.6 | 455.8 | 453.8 | 455.7 | 455.6 | 453.0 | 447.8 | 439.7 | 438.1 | 435.8 |
| -62.5° | 388.2 | 390.8 | 392.2 | 392.5 | 392.1 | 390.5 | 387.7 | 383.5 | 377.5 | 371.5 | 363.8 |
| -65° | 291.0 | 289.7 | 285.4 | 279.0 | 283.4 | 285.9 | 285.6 | 281.7 | 273.5 | 266.3 | 266.3 |
| -67.5° | 205.5 | 208.4 | 209.8 | 209.8 | 209.2 | 207.1 | 203.8 | 199.1 | 193.2 | 190.3 | 191.0 |
| -70° | 143.0 | 145.0 | 146.5 | 146.7 | 146.4 | 144.8 | 142.3 | 139.5 | 136.8 | 134.7 | 130.9 |
| -72.5° | 71.0 | 70.9 | 70.3 | 68.8 | 69.8 | 70.0 | 69.6 | 68.9 | 68.2 | 67.8 | 67.9 |
| -75° | 40.6 | 40.8 | 40.9 | 40.8 | 40.8 | 40.7 | 40.4 | 40.1 | 39.6 | 39.1 | 38.8 |
| -77.5° | 29.7 | 29.8 | 29.9 | 29.8 | 29.8 | 29.7 | 29.6 | 29.3 | 28.9 | 28.4 | 28.1 |
| -80° | 20.7 | 20.7 | 20.8 | 20.7 | 20.7 | 20.7 | 20.6 | 20.4 | 20.2 | 19.9 | 19.6 |
| -82.5° | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 12.9 | 12.8 | 12.6 | 12.4 | 12.2 |
| -85° | 7.3 | 7.3 | 7.3 | 7.3 | 7.3 | 7.2 | 7.2 | 7.1 | 7.0 | 6.9 | 6.8 |
| -87.5° | 3.3 | 3.3 | 3.3 | 3.3 | 3.2 | 3.2 | 3.2 | 3.2 | 3.1 | 3.1 | 3.0 |
| -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: P622914 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: LSF25-XX-PC-25W-7050

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° | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| 85° | 0.2 | 0.2 | 0.2 | 0.3 | 0.3 | 0.3 | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 |
| 82.5° | 0.2 | 0.2 | 0.3 | 0.3 | 0.4 | 0.4 | 0.4 | 0.3 | 0.3 | 0.3 | 0.3 |
| 80° | 4.2 | 4.0 | 3.7 | 3.5 | 3.3 | 3.1 | 2.8 | 2.4 | 2.2 | 1.9 | 1.6 |
| 77.5° | 11.8 | 11.4 | 10.9 | 10.2 | 9.6 | 9.3 | 8.7 | 8.0 | 7.3 | 6.6 | 5.8 |
| 75° | 22.8 | 22.2 | 21.4 | 20.4 | 19.3 | 18.6 | 17.6 | 16.4 | 15.1 | 13.5 | 12.0 |
| 72.5° | 38.6 | 37.2 | 35.8 | 34.4 | 34.0 | 33.8 | 31.5 | 28.4 | 26.4 | 24.1 | 21.8 |
| 70° | 60.4 | 60.3 | 59.3 | 57.4 | 58.2 | 59.2 | 58.4 | 56.2 | 51.8 | 44.4 | 36.6 |
| 67.5° | 122.6 | 123.2 | 115.3 | 102.2 | 100.6 | 102.5 | 100.1 | 93.8 | 87.0 | 80.7 | 73.1 |
| 65° | 226.3 | 228.5 | 210.4 | 189.5 | 195.8 | 194.7 | 173.8 | 163.5 | 158.6 | 132.8 | 118.6 |
| 62.5° | 329.3 | 328.3 | 317.4 | 290.1 | 287.3 | 283.5 | 261.4 | 252.0 | 236.3 | 208.9 | 196.2 |
| 60° | 452.8 | 427.8 | 400.7 | 400.6 | 399.9 | 381.5 | 357.3 | 341.1 | 316.5 | 294.6 | 268.2 |
| 57.5° | 548.2 | 526.8 | 521.4 | 513.1 | 497.3 | 477.1 | 472.3 | 434.1 | 407.8 | 378.3 | 345.5 |
| 55° | 673.8 | 674.9 | 660.9 | 622.2 | 588.9 | 573.0 | 556.6 | 540.5 | 519.3 | 450.8 | 428.3 |
| 52.5° | 787.5 | 760.2 | 741.0 | 726.8 | 708.1 | 673.6 | 643.3 | 612.7 | 583.5 | 550.5 | 498.9 |
| 50° | 857.0 | 843.8 | 826.3 | 798.9 | 767.7 | 749.9 | 726.8 | 693.6 | 651.4 | 606.8 | 570.8 |
| 47.5° | 925.5 | 911.1 | 889.7 | 861.1 | 837.9 | 808.7 | 779.5 | 753.9 | 708.9 | 669.6 | 621.3 |
| 45° | 978.5 | 960.9 | 935.5 | 913.5 | 889.8 | 861.0 | 833.3 | 794.4 | 759.8 | 717.3 | 674.3 |
| 42.5° | 1025.7 | 1003.2 | 979.0 | 957.5 | 929.5 | 903.3 | 873.8 | 837.9 | 798.0 | 759.3 | 715.7 |
| 40° | 1068.0 | 1042.7 | 1020.2 | 992.4 | 967.3 | 940.5 | 904.7 | 871.7 | 834.9 | 793.9 | 752.6 |
| 37.5° | 1102.8 | 1080.0 | 1054.7 | 1027.5 | 999.4 | 969.6 | 937.0 | 898.9 | 863.6 | 825.5 | 783.8 |
| 35° | 1135.1 | 1110.7 | 1085.7 | 1057.8 | 1029.6 | 999.8 | 964.1 | 927.2 | 888.2 | 850.1 | 810.7 |
| 32.5° | 1164.0 | 1142.8 | 1115.7 | 1085.9 | 1057.9 | 1028.4 | 993.8 | 953.0 | 911.7 | 872.1 | 834.7 |
| 30° | 1191.9 | 1173.1 | 1147.2 | 1116.4 | 1086.5 | 1056.3 | 1021.5 | 980.8 | 935.2 | 894.4 | 856.5 |
| 27.5° | 1220.7 | 1200.8 | 1177.6 | 1147.3 | 1115.2 | 1082.9 | 1048.6 | 1007.7 | 962.0 | 917.8 | 877.3 |
| 25° | 1249.2 | 1228.7 | 1202.8 | 1174.6 | 1141.7 | 1108.1 | 1073.4 | 1033.5 | 989.6 | 942.1 | 897.1 |
| 22.5° | 1276.1 | 1253.1 | 1226.5 | 1197.0 | 1165.5 | 1130.0 | 1094.5 | 1055.0 | 1011.2 | 964.7 | 916.9 |
| 20° | 1298.2 | 1275.0 | 1247.4 | 1217.8 | 1185.7 | 1150.7 | 1113.9 | 1073.3 | 1029.9 | 985.1 | 935.9 |
| 17.5° | 1317.6 | 1294.0 | 1267.0 | 1236.0 | 1204.3 | 1169.5 | 1130.9 | 1089.9 | 1045.4 | 1001.2 | 952.8 |
| 15° | 1334.3 | 1311.4 | 1283.8 | 1253.7 | 1221.7 | 1185.6 | 1147.0 | 1105.3 | 1058.6 | 1013.9 | 967.2 |
| 12.5° | 1348.3 | 1326.0 | 1299.0 | 1269.7 | 1236.2 | 1200.0 | 1160.0 | 1117.3 | 1070.6 | 1024.7 | 978.3 |
| 10° | 1359.6 | 1337.1 | 1311.5 | 1281.7 | 1248.5 | 1212.6 | 1170.8 | 1128.2 | 1082.8 | 1035.3 | 987.5 |
| 7.5° | 1369.0 | 1345.9 | 1320.8 | 1290.7 | 1258.1 | 1221.2 | 1178.6 | 1136.5 | 1092.2 | 1044.1 | 994.7 |
| 5° | 1375.9 | 1352.2 | 1326.5 | 1297.2 | 1264.8 | 1227.1 | 1184.1 | 1141.5 | 1098.8 | 1050.6 | 1000.0 |
| 2.5° | 1378.9 | 1355.1 | 1330.2 | 1301.1 | 1268.9 | 1230.3 | 1187.0 | 1143.9 | 1102.7 | 1054.8 | 1003.2 |
| 0° | 1378.8 | 1355.4 | 1331.5 | 1302.4 | 1270.3 | 1231.1 | 1187.3 | 1144.0 | 1104.1 | 1056.7 | 1004.1 |
| -2.5° | 1374.5 | 1352.3 | 1329.5 | 1301.7 | 1268.6 | 1228.8 | 1185.9 | 1144.5 | 1104.6 | 1057.0 | 1004.5 |
| -5° | 1368.0 | 1347.4 | 1325.3 | 1298.8 | 1264.0 | 1223.7 | 1182.0 | 1143.0 | 1102.8 | 1054.8 | 1002.6 |
| -7.5° | 1362.5 | 1341.8 | 1319.8 | 1292.5 | 1256.7 | 1215.7 | 1176.2 | 1139.6 | 1098.8 | 1049.9 | 998.7 |
| -10° | 1356.4 | 1336.7 | 1314.7 | 1285.2 | 1247.5 | 1205.9 | 1169.0 | 1134.1 | 1092.6 | 1042.6 | 992.9 |
| -12.5° | 1348.8 | 1330.6 | 1307.3 | 1276.4 | 1238.6 | 1199.8 | 1162.8 | 1126.7 | 1083.3 | 1033.2 | 986.5 |
| -15° | 1339.9 | 1321.0 | 1296.5 | 1264.9 | 1228.5 | 1191.7 | 1156.0 | 1118.0 | 1072.5 | 1022.7 | 979.7 |
| -17.5° | 1329.0 | 1307.5 | 1281.7 | 1251.5 | 1217.5 | 1181.2 | 1145.4 | 1107.1 | 1058.2 | 1011.4 | 969.6 |
| -20° | 1312.7 | 1289.8 | 1262.9 | 1233.2 | 1202.7 | 1168.3 | 1132.5 | 1092.1 | 1042.0 | 998.3 | 956.5 |



REPORT NUMBER: P622914 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: LSF25-XX-PC-25W-7050

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|
| -22.5° | 1291.5 | 1268.2 | 1240.4 | 1212.5 | 1181.4 | 1150.5 | 1117.7 | 1071.4 | 1025.6 | 984.0 | 940.7 |
| -25° | 1266.0 | 1241.9 | 1216.4 | 1187.1 | 1159.6 | 1131.0 | 1094.9 | 1048.0 | 1006.9 | 966.0 | 921.9 |
| -27.5° | 1236.5 | 1214.6 | 1186.9 | 1162.3 | 1137.2 | 1105.3 | 1064.5 | 1025.1 | 986.3 | 945.3 | 901.4 |
| -30° | 1206.2 | 1182.7 | 1159.6 | 1138.2 | 1108.8 | 1073.4 | 1033.5 | 998.5 | 961.6 | 922.6 | 881.4 |
| -32.5° | 1170.7 | 1150.0 | 1129.7 | 1105.4 | 1074.8 | 1036.4 | 1003.9 | 969.7 | 931.3 | 897.4 | 856.0 |
| -35° | 1132.0 | 1114.5 | 1093.4 | 1065.1 | 1032.2 | 1003.3 | 971.6 | 932.4 | 894.1 | 863.7 | 822.7 |
| -37.5° | 1094.2 | 1072.8 | 1044.1 | 1015.2 | 992.9 | 967.4 | 927.0 | 886.0 | 855.5 | 821.1 | 782.4 |
| -40° | 1038.1 | 1011.9 | 988.2 | 968.9 | 946.9 | 911.5 | 870.5 | 840.8 | 811.0 | 777.9 | 737.8 |
| -42.5° | 971.2 | 953.1 | 938.2 | 917.2 | 886.2 | 849.9 | 818.8 | 793.7 | 765.7 | 730.9 | 691.9 |
| -45° | 918.5 | 900.9 | 882.1 | 856.3 | 828.5 | 799.5 | 771.2 | 746.1 | 716.3 | 682.8 | 638.1 |
| -47.5° | 863.6 | 845.2 | 825.1 | 802.0 | 774.9 | 745.5 | 717.0 | 695.1 | 665.9 | 624.8 | 573.9 |
| -50° | 793.4 | 779.9 | 762.1 | 731.4 | 695.9 | 669.5 | 656.0 | 640.1 | 599.2 | 549.2 | 511.4 |
| -52.5° | 695.9 | 678.2 | 647.0 | 622.6 | 611.1 | 605.6 | 591.2 | 557.3 | 510.4 | 481.2 | 462.9 |
| -55° | 592.1 | 571.4 | 555.4 | 554.7 | 549.7 | 531.6 | 493.6 | 459.7 | 446.1 | 431.1 | 406.9 |
| -57.5° | 512.6 | 504.0 | 497.9 | 477.7 | 452.0 | 427.5 | 416.9 | 407.5 | 390.1 | 357.9 | 332.1 |
| -60° | 427.1 | 413.6 | 393.7 | 380.4 | 376.0 | 372.2 | 361.7 | 334.1 | 303.8 | 288.0 | 274.0 |
| -62.5° | 351.1 | 339.5 | 331.3 | 326.7 | 315.5 | 296.4 | 278.4 | 262.9 | 248.3 | 230.7 | 214.8 |
| -65° | 265.5 | 262.2 | 257.4 | 250.5 | 239.4 | 228.3 | 215.4 | 200.0 | 185.0 | 170.5 | 162.2 |
| -67.5° | 190.0 | 188.8 | 184.5 | 174.9 | 161.9 | 153.4 | 149.6 | 143.4 | 138.0 | 121.5 | 107.9 |
| -70° | 124.4 | 119.3 | 116.4 | 113.9 | 110.6 | 106.0 | 97.5 | 89.2 | 84.0 | 80.9 | 77.0 |
| -72.5° | 67.0 | 65.1 | 63.0 | 59.2 | 54.4 | 55.3 | 56.4 | 55.7 | 51.2 | 44.3 | 38.2 |
| -75° | 38.0 | 37.1 | 36.3 | 35.3 | 34.9 | 34.6 | 32.9 | 30.4 | 28.9 | 27.3 | 26.4 |
| -77.5° | 27.6 | 27.1 | 26.5 | 25.7 | 25.0 | 24.2 | 23.4 | 22.4 | 21.3 | 20.0 | 18.7 |
| -80° | 19.3 | 18.9 | 18.4 | 17.8 | 17.2 | 16.5 | 15.7 | 14.9 | 14.2 | 13.4 | 12.4 |
| -82.5° | 12.0 | 11.7 | 11.4 | 11.1 | 10.7 | 10.3 | 9.9 | 9.4 | 8.9 | 8.3 | 7.7 |
| -85° | 6.6 | 6.5 | 6.3 | 6.1 | 5.9 | 5.6 | 5.3 | 5.0 | 4.8 | 4.5 | 4.2 |
| -87.5° | 3.0 | 2.9 | 2.8 | 2.7 | 2.6 | 2.5 | 2.4 | 2.2 | 2.1 | 2.0 | 1.9 |
| -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: P622914 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: LSF25-XX-PC-25W-7050

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° | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| 85° | 0.2 | 0.2 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 82.5° | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 80° | 1.4 | 1.1 | 0.7 | 0.6 | 0.5 | 0.4 | 0.5 | 0.4 | 0.4 | 0.4 | 0.4 |
| 77.5° | 5.0 | 4.1 | 3.4 | 2.4 | 1.8 | 1.2 | 1.0 | 0.8 | 0.7 | 0.6 | 0.5 |
| 75° | 10.4 | 9.2 | 8.1 | 6.8 | 5.4 | 3.8 | 2.3 | 1.7 | 1.2 | 0.9 | 0.7 |
| 72.5° | 19.0 | 16.3 | 13.9 | 11.4 | 9.8 | 7.9 | 5.8 | 3.7 | 2.3 | 1.5 | 1.1 |
| 70° | 33.9 | 28.6 | 22.4 | 18.8 | 15.3 | 12.0 | 9.5 | 7.0 | 4.6 | 2.7 | 1.7 |
| 67.5° | 63.8 | 52.9 | 42.8 | 32.1 | 23.0 | 18.0 | 13.6 | 10.3 | 7.4 | 4.7 | 2.7 |
| 65° | 105.9 | 88.3 | 74.6 | 59.1 | 41.9 | 27.5 | 19.6 | 14.4 | 10.4 | 7.2 | 4.2 |
| 62.5° | 162.2 | 141.9 | 115.6 | 92.3 | 72.8 | 49.8 | 30.2 | 19.8 | 14.0 | 9.6 | 6.3 |
| 60° | 235.4 | 206.0 | 172.2 | 142.5 | 103.9 | 78.4 | 52.3 | 28.7 | 18.5 | 12.7 | 8.3 |
| 57.5° | 313.9 | 273.9 | 236.1 | 195.7 | 154.6 | 108.1 | 78.4 | 49.0 | 23.9 | 16.4 | 10.6 |
| 55° | 388.5 | 349.6 | 303.3 | 255.0 | 200.5 | 151.4 | 105.6 | 72.5 | 40.6 | 20.5 | 13.2 |
| 52.5° | 460.0 | 420.3 | 375.5 | 315.4 | 250.8 | 194.2 | 139.4 | 95.6 | 60.7 | 25.5 | 16.5 |
| 50° | 524.0 | 482.6 | 440.9 | 376.1 | 304.4 | 237.3 | 178.6 | 122.8 | 81.0 | 43.0 | 20.4 |
| 47.5° | 581.0 | 534.2 | 494.0 | 429.7 | 356.0 | 282.9 | 214.9 | 153.9 | 101.0 | 60.5 | 25.7 |
| 45° | 627.3 | 582.9 | 529.5 | 477.9 | 405.5 | 327.5 | 252.9 | 185.2 | 125.9 | 77.8 | 36.1 |
| 42.5° | 669.8 | 624.7 | 566.4 | 509.7 | 447.6 | 370.9 | 290.5 | 216.6 | 150.3 | 94.6 | 50.5 |
| 40° | 706.4 | 657.0 | 603.0 | 540.0 | 484.3 | 408.8 | 327.7 | 247.9 | 173.2 | 112.1 | 64.3 |
| 37.5° | 740.0 | 688.3 | 634.2 | 571.8 | 509.8 | 443.6 | 362.1 | 277.5 | 199.3 | 131.6 | 77.4 |
| 35° | 768.3 | 719.4 | 662.7 | 601.9 | 534.2 | 475.1 | 392.2 | 306.3 | 224.3 | 149.7 | 90.0 |
| 32.5° | 794.1 | 745.9 | 689.5 | 629.0 | 559.6 | 495.3 | 418.8 | 335.5 | 248.0 | 166.5 | 101.8 |
| 30° | 815.9 | 771.0 | 715.2 | 653.0 | 583.5 | 513.9 | 446.3 | 360.5 | 270.1 | 184.0 | 113.6 |
| 27.5° | 836.2 | 792.2 | 737.8 | 675.0 | 606.2 | 532.1 | 469.6 | 383.3 | 290.6 | 201.9 | 126.5 |
| 25° | 854.1 | 808.6 | 758.8 | 695.3 | 627.5 | 551.9 | 485.0 | 403.2 | 310.7 | 218.5 | 138.2 |
| 22.5° | 870.8 | 824.4 | 777.1 | 713.5 | 646.2 | 570.9 | 499.0 | 421.0 | 329.6 | 234.0 | 148.9 |
| 20° | 886.9 | 840.5 | 792.0 | 731.6 | 663.2 | 588.4 | 511.6 | 437.7 | 346.2 | 248.2 | 158.7 |
| 17.5° | 902.0 | 852.8 | 802.7 | 747.0 | 678.7 | 604.1 | 523.5 | 452.0 | 360.3 | 260.7 | 167.6 |
| 15° | 915.7 | 865.2 | 812.7 | 759.4 | 692.0 | 617.5 | 535.4 | 463.1 | 372.7 | 271.5 | 175.3 |
| 12.5° | 926.7 | 876.0 | 824.2 | 769.4 | 702.9 | 627.8 | 545.8 | 470.6 | 383.4 | 280.8 | 182.5 |
| 10° | 935.1 | 885.0 | 833.7 | 776.5 | 711.8 | 635.8 | 554.5 | 476.8 | 391.4 | 288.5 | 189.1 |
| 7.5° | 941.2 | 892.0 | 840.7 | 781.8 | 718.6 | 641.9 | 561.4 | 481.6 | 397.5 | 294.6 | 194.4 |
| 5° | 945.4 | 897.1 | 845.6 | 785.4 | 723.3 | 646.1 | 566.5 | 484.9 | 401.8 | 299.1 | 198.3 |
| 2.5° | 947.4 | 900.1 | 848.9 | 787.1 | 726.0 | 648.4 | 569.5 | 486.6 | 404.5 | 302.0 | 200.9 |
| 0° | 947.4 | 901.3 | 850.3 | 787.1 | 726.8 | 648.8 | 570.5 | 486.9 | 405.6 | 303.3 | 202.1 |
| -2.5° | 949.8 | 902.9 | 851.2 | 789.7 | 729.1 | 651.4 | 572.2 | 488.2 | 407.0 | 304.9 | 203.3 |
| -5° | 950.2 | 902.5 | 850.4 | 790.7 | 729.5 | 652.1 | 571.8 | 488.0 | 406.8 | 305.0 | 203.2 |
| -7.5° | 948.8 | 900.0 | 847.9 | 790.0 | 728.0 | 650.7 | 569.3 | 486.1 | 405.1 | 303.4 | 201.7 |
| -10° | 945.9 | 895.3 | 843.8 | 787.8 | 724.4 | 647.0 | 564.9 | 482.7 | 402.0 | 300.4 | 198.8 |
| -12.5° | 941.1 | 888.4 | 838.3 | 784.3 | 718.6 | 640.9 | 558.9 | 477.7 | 397.1 | 295.8 | 194.4 |
| -15° | 933.5 | 879.9 | 831.6 | 778.0 | 710.9 | 632.8 | 551.2 | 471.2 | 390.1 | 289.7 | 189.0 |
| -17.5° | 922.0 | 870.0 | 823.3 | 769.8 | 700.9 | 623.2 | 542.0 | 463.0 | 382.0 | 282.2 | 182.6 |
| -20° | 907.1 | 859.7 | 814.2 | 758.0 | 689.0 | 611.8 | 530.6 | 453.3 | 372.7 | 272.2 | 174.6 |



REPORT NUMBER: P622914 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: LSF25-XX-PC-25W-7050

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| -22.5° | 891.6 | 846.4 | 800.4 | 743.3 | 674.3 | 596.6 | 516.4 | 442.2 | 359.3 | 260.4 | 165.2 |
| -25° | 875.9 | 829.5 | 781.0 | 721.3 | 654.3 | 579.6 | 501.1 | 429.3 | 343.1 | 246.9 | 155.5 |
| -27.5° | 858.0 | 809.1 | 756.8 | 696.7 | 629.4 | 563.0 | 485.7 | 415.2 | 326.0 | 232.2 | 145.6 |
| -30° | 833.8 | 785.0 | 728.8 | 667.7 | 602.9 | 537.8 | 469.0 | 399.9 | 309.5 | 215.7 | 134.5 |
| -32.5° | 806.0 | 754.6 | 698.0 | 633.3 | 574.8 | 508.6 | 448.6 | 382.2 | 290.8 | 198.0 | 123.6 |
| -35° | 773.2 | 720.1 | 661.5 | 601.8 | 547.4 | 483.2 | 424.7 | 355.1 | 268.4 | 178.9 | 112.2 |
| -37.5° | 734.9 | 681.0 | 620.7 | 570.3 | 513.0 | 456.1 | 398.7 | 325.1 | 244.3 | 160.2 | 101.0 |
| -40° | 692.5 | 635.0 | 584.2 | 538.6 | 481.1 | 426.9 | 366.2 | 296.0 | 218.5 | 142.7 | 90.8 |
| -42.5° | 640.9 | 590.6 | 550.3 | 498.6 | 448.2 | 394.4 | 326.2 | 262.1 | 188.5 | 125.6 | 80.1 |
| -45° | 586.6 | 551.6 | 511.0 | 462.9 | 412.9 | 354.3 | 294.0 | 227.3 | 160.5 | 108.3 | 68.7 |
| -47.5° | 535.5 | 507.5 | 469.3 | 423.0 | 370.7 | 309.8 | 255.2 | 191.6 | 136.2 | 95.1 | 58.9 |
| -50° | 489.0 | 458.0 | 423.2 | 377.7 | 319.0 | 272.4 | 215.2 | 158.0 | 115.2 | 79.9 | 51.1 |
| -52.5° | 437.1 | 401.8 | 370.0 | 320.5 | 278.4 | 228.4 | 174.7 | 131.3 | 95.2 | 64.4 | 43.7 |
| -55° | 371.3 | 344.6 | 307.1 | 274.1 | 231.4 | 183.8 | 141.4 | 108.9 | 75.7 | 54.4 | 36.1 |
| -57.5° | 312.1 | 281.9 | 256.6 | 223.8 | 183.2 | 144.4 | 116.1 | 82.7 | 59.1 | 44.6 | 28.1 |
| -60° | 251.1 | 229.9 | 203.1 | 172.1 | 140.7 | 117.2 | 86.8 | 62.1 | 48.3 | 34.8 | 19.4 |
| -62.5° | 195.5 | 177.5 | 150.3 | 128.9 | 113.7 | 84.3 | 61.3 | 48.7 | 37.7 | 25.0 | 10.8 |
| -65° | 144.9 | 124.0 | 111.6 | 102.2 | 73.1 | 56.1 | 46.4 | 37.6 | 27.3 | 15.4 | 8.9 |
| -67.5° | 99.9 | 93.4 | 77.1 | 58.6 | 48.0 | 41.8 | 35.1 | 26.8 | 17.1 | 10.2 | 7.1 |
| -70° | 64.3 | 52.1 | 43.3 | 39.9 | 35.9 | 30.8 | 24.1 | 16.2 | 10.9 | 8.0 | 5.4 |
| -72.5° | 35.0 | 33.8 | 31.8 | 29.0 | 25.1 | 20.0 | 13.6 | 10.8 | 8.3 | 6.0 | 4.1 |
| -75° | 25.7 | 24.2 | 21.9 | 18.7 | 14.7 | 12.5 | 10.1 | 8.0 | 6.0 | 4.3 | 3.0 |
| -77.5° | 17.2 | 15.1 | 13.6 | 12.0 | 10.5 | 8.9 | 7.2 | 5.6 | 4.3 | 3.1 | 2.2 |
| -80° | 11.4 | 10.3 | 9.1 | 8.1 | 7.0 | 6.0 | 4.9 | 3.8 | 2.9 | 2.2 | 1.5 |
| -82.5° | 7.0 | 6.3 | 5.7 | 5.0 | 4.4 | 3.8 | 3.1 | 2.5 | 1.9 | 1.5 | 1.1 |
| -85° | 3.8 | 3.5 | 3.1 | 2.8 | 2.5 | 2.2 | 1.8 | 1.5 | 1.2 | 1.0 | 0.8 |
| -87.5° | 1.7 | 1.6 | 1.4 | 1.3 | 1.1 | 1.0 | 0.9 | 0.8 | 0.7 | 0.6 | 0.5 |
| -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
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P622914 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: LSF25-XX-PC-25W-7050

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° | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.0 | 0.0 |
| 85° | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 | 0.1 | 0.0 |
| 82.5° | 0.3 | 0.3 | 0.3 | 0.2 | 0.2 | 0.1 | 0.0 |
| 80° | 0.4 | 0.3 | 0.3 | 0.3 | 0.2 | 0.1 | 0.0 |
| 77.5° | 0.4 | 0.4 | 0.4 | 0.3 | 0.3 | 0.2 | 0.0 |
| 75° | 0.6 | 0.5 | 0.4 | 0.3 | 0.3 | 0.2 | 0.0 |
| 72.5° | 0.8 | 0.6 | 0.4 | 0.4 | 0.3 | 0.2 | 0.0 |
| 70° | 1.1 | 0.8 | 0.5 | 0.4 | 0.3 | 0.2 | 0.0 |
| 67.5° | 1.7 | 1.0 | 0.6 | 0.4 | 0.4 | 0.3 | 0.0 |
| 65° | 2.4 | 1.3 | 0.8 | 0.5 | 0.4 | 0.3 | 0.0 |
| 62.5° | 3.3 | 1.8 | 1.0 | 0.6 | 0.4 | 0.3 | 0.0 |
| 60° | 4.9 | 2.5 | 1.2 | 0.6 | 0.4 | 0.3 | 0.0 |
| 57.5° | 6.6 | 3.3 | 1.6 | 0.7 | 0.4 | 0.3 | 0.0 |
| 55° | 8.2 | 4.3 | 2.0 | 0.9 | 0.5 | 0.3 | 0.0 |
| 52.5° | 9.8 | 5.6 | 2.4 | 1.0 | 0.5 | 0.3 | 0.0 |
| 50° | 11.9 | 6.9 | 3.0 | 1.1 | 0.5 | 0.3 | 0.0 |
| 47.5° | 14.1 | 8.1 | 3.7 | 1.3 | 0.6 | 0.4 | 0.0 |
| 45° | 17.4 | 9.3 | 4.3 | 1.6 | 0.6 | 0.4 | 0.0 |
| 42.5° | 20.7 | 10.6 | 5.2 | 1.9 | 0.7 | 0.4 | 0.0 |
| 40° | 26.3 | 12.0 | 6.1 | 2.1 | 0.7 | 0.4 | 0.0 |
| 37.5° | 32.2 | 13.4 | 6.9 | 2.4 | 0.7 | 0.4 | 0.0 |
| 35° | 41.0 | 15.6 | 7.7 | 2.7 | 0.8 | 0.4 | 0.0 |
| 32.5° | 51.1 | 18.2 | 8.5 | 3.1 | 0.9 | 0.4 | 0.0 |
| 30° | 60.5 | 20.7 | 9.1 | 3.5 | 1.0 | 0.4 | 0.0 |
| 27.5° | 69.2 | 23.7 | 9.8 | 3.8 | 1.0 | 0.4 | 0.0 |
| 25° | 77.3 | 28.3 | 10.4 | 4.2 | 1.1 | 0.4 | 0.0 |
| 22.5° | 84.8 | 32.7 | 11.1 | 4.5 | 1.1 | 0.4 | 0.0 |
| 20° | 91.6 | 37.0 | 11.8 | 4.8 | 1.2 | 0.4 | 0.0 |
| 17.5° | 97.8 | 41.1 | 12.3 | 5.1 | 1.2 | 0.4 | 0.0 |
| 15° | 103.2 | 45.2 | 12.8 | 5.4 | 1.3 | 0.4 | 0.0 |
| 12.5° | 108.0 | 49.3 | 13.2 | 5.6 | 1.3 | 0.4 | 0.0 |
| 10° | 112.1 | 52.7 | 13.6 | 5.9 | 1.3 | 0.4 | 0.0 |
| 7.5° | 115.4 | 55.6 | 13.8 | 6.0 | 1.4 | 0.4 | 0.0 |
| 5° | 118.0 | 57.8 | 14.0 | 6.2 | 1.4 | 0.4 | 0.0 |
| 2.5° | 119.9 | 59.5 | 14.1 | 6.2 | 1.4 | 0.4 | 0.0 |
| 0° | 121.0 | 60.6 | 14.2 | 6.3 | 1.4 | 0.4 | 0.0 |
| -2.5° | 121.4 | 60.9 | 14.9 | 6.3 | 1.4 | 0.5 | 0.0 |
| -5° | 121.1 | 60.7 | 15.4 | 6.3 | 1.4 | 0.5 | 0.0 |
| -7.5° | 120.0 | 59.8 | 15.9 | 6.3 | 1.5 | 0.5 | 0.0 |
| -10° | 118.1 | 58.4 | 16.2 | 6.2 | 1.5 | 0.5 | 0.0 |
| -12.5° | 115.5 | 56.4 | 16.4 | 6.1 | 1.5 | 0.5 | 0.0 |
| -15° | 112.0 | 53.9 | 16.5 | 6.0 | 1.5 | 0.5 | 0.0 |
| -17.5° | 107.8 | 51.1 | 16.3 | 5.8 | 1.4 | 0.5 | 0.0 |
| -20° | 102.7 | 48.0 | 16.0 | 5.5 | 1.4 | 0.5 | 0.0 |

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Scaled Data Report



REPORT NUMBER: P622914 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: LSF25-XX-PC-25W-7050

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|------|-------|------|-------|-----|-------|-----|
| -22.5° | 97.4 | 44.6 | 15.5 | 5.3 | 1.4 | 0.5 | 0.0 |
| -25° | 91.8 | 40.8 | 14.8 | 5.0 | 1.4 | 0.5 | 0.0 |
| -27.5° | 85.7 | 36.7 | 13.9 | 4.8 | 1.3 | 0.5 | 0.0 |
| -30° | 78.9 | 33.9 | 12.9 | 4.5 | 1.3 | 0.5 | 0.0 |
| -32.5° | 71.6 | 31.2 | 11.6 | 4.1 | 1.2 | 0.5 | 0.0 |
| -35° | 63.8 | 28.2 | 10.1 | 3.8 | 1.1 | 0.5 | 0.0 |
| -37.5° | 56.2 | 25.3 | 8.7 | 3.4 | 1.1 | 0.4 | 0.0 |
| -40° | 49.8 | 22.8 | 8.0 | 3.1 | 1.0 | 0.4 | 0.0 |
| -42.5° | 43.2 | 20.0 | 7.2 | 2.9 | 1.0 | 0.4 | 0.0 |
| -45° | 38.1 | 16.8 | 6.4 | 2.6 | 0.9 | 0.4 | 0.0 |
| -47.5° | 32.7 | 13.4 | 5.7 | 2.2 | 0.9 | 0.4 | 0.0 |
| -50° | 27.6 | 9.6 | 5.0 | 2.0 | 0.8 | 0.4 | 0.0 |
| -52.5° | 22.2 | 8.5 | 4.2 | 1.8 | 0.7 | 0.4 | 0.0 |
| -55° | 16.4 | 7.3 | 3.7 | 1.6 | 0.7 | 0.4 | 0.0 |
| -57.5° | 10.2 | 6.2 | 3.1 | 1.4 | 0.7 | 0.4 | 0.0 |
| -60° | 8.7 | 5.1 | 2.5 | 1.2 | 0.6 | 0.4 | 0.0 |
| -62.5° | 7.1 | 4.2 | 2.2 | 1.1 | 0.6 | 0.4 | 0.0 |
| -65° | 5.8 | 3.4 | 1.8 | 0.9 | 0.6 | 0.4 | 0.0 |
| -67.5° | 4.5 | 2.7 | 1.5 | 0.8 | 0.5 | 0.3 | 0.0 |
| -70° | 3.4 | 2.1 | 1.3 | 0.8 | 0.5 | 0.3 | 0.0 |
| -72.5° | 2.6 | 1.6 | 1.0 | 0.7 | 0.5 | 0.3 | 0.0 |
| -75° | 1.9 | 1.3 | 0.9 | 0.6 | 0.4 | 0.2 | 0.0 |
| -77.5° | 1.4 | 1.0 | 0.8 | 0.6 | 0.4 | 0.2 | 0.0 |
| -80° | 1.1 | 0.9 | 0.7 | 0.5 | 0.3 | 0.2 | 0.0 |
| -82.5° | 0.9 | 0.7 | 0.6 | 0.4 | 0.3 | 0.1 | 0.0 |
| -85° | 0.7 | 0.6 | 0.4 | 0.3 | 0.2 | 0.1 | 0.0 |
| -87.5° | 0.4 | 0.3 | 0.2 | 0.1 | 0.1 | 0.0 | 0.0 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)