

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: STREETWORKS

Report Number: P722938

Luminaire Tested: **IFLD-S-SA2B-750-U-11**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P722938
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2B-750-U-11
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens
Light Source: (32) 5000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

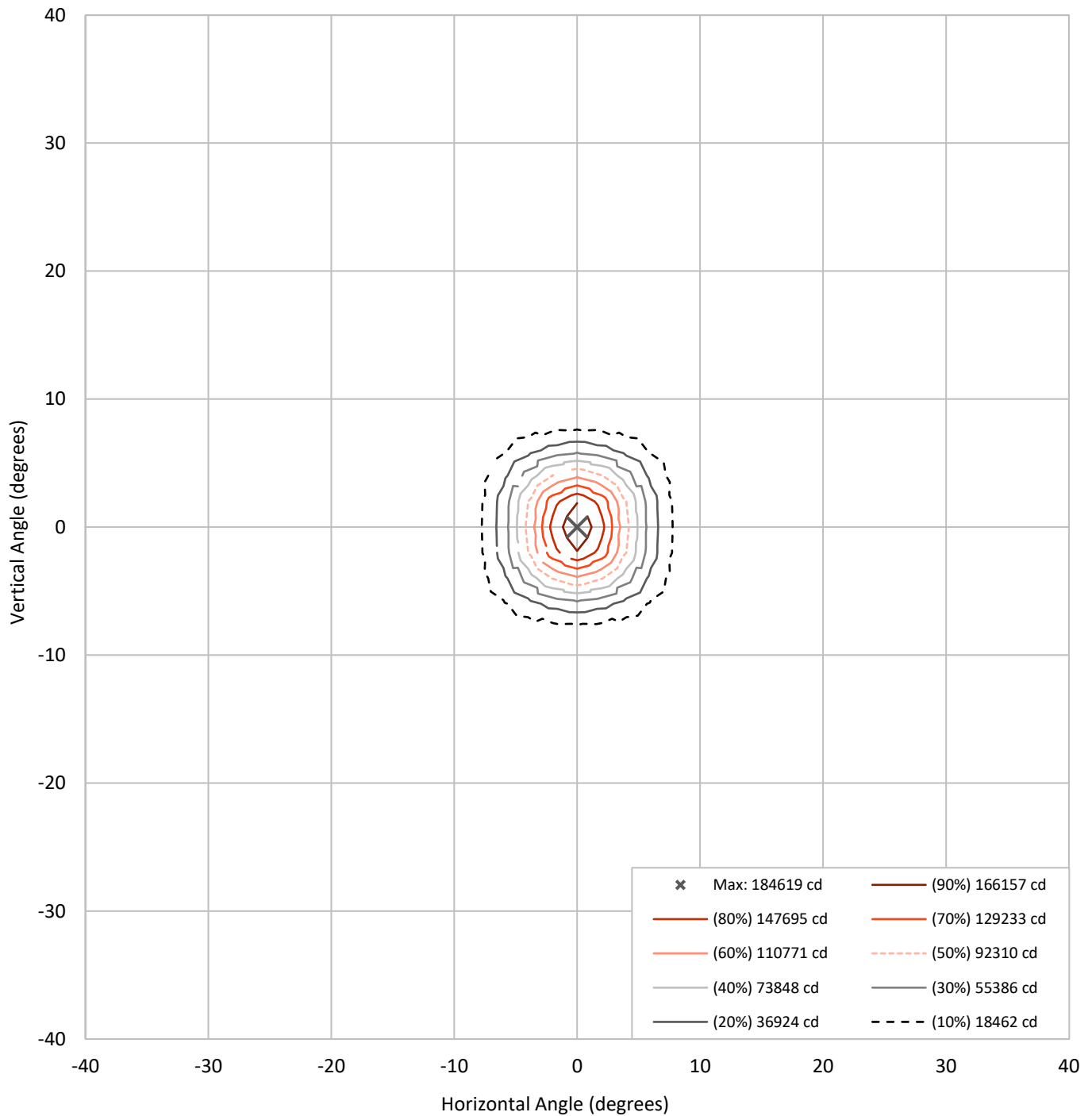
| | |
|--|------------------------------------|
| Lumens per Lamp: N/A | NEMA Type: 1H x 1V |
| Luminaire Lumens: 6159.8 lumens | Max Intensity: 184619 candela |
| Efficiency: N/A | Max Intensity Angle: 0°H x 0°V |
| Efficacy: 74.8 lumens/watt | |
| Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0') | |
| Beam Angle (50%): 8.3°H x 8.9°V | Field Angle (10%): 14.9°H x 14.6°V |
| Beam Lumens: 2075.3 lumens | Field Lumens: 3278 lumens |
| Beam Efficiency: 33.7% | Field Efficiency: 53.2% |

Input Watts (W): 82.4
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: 28.75 FT



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Iso-Candela Plot





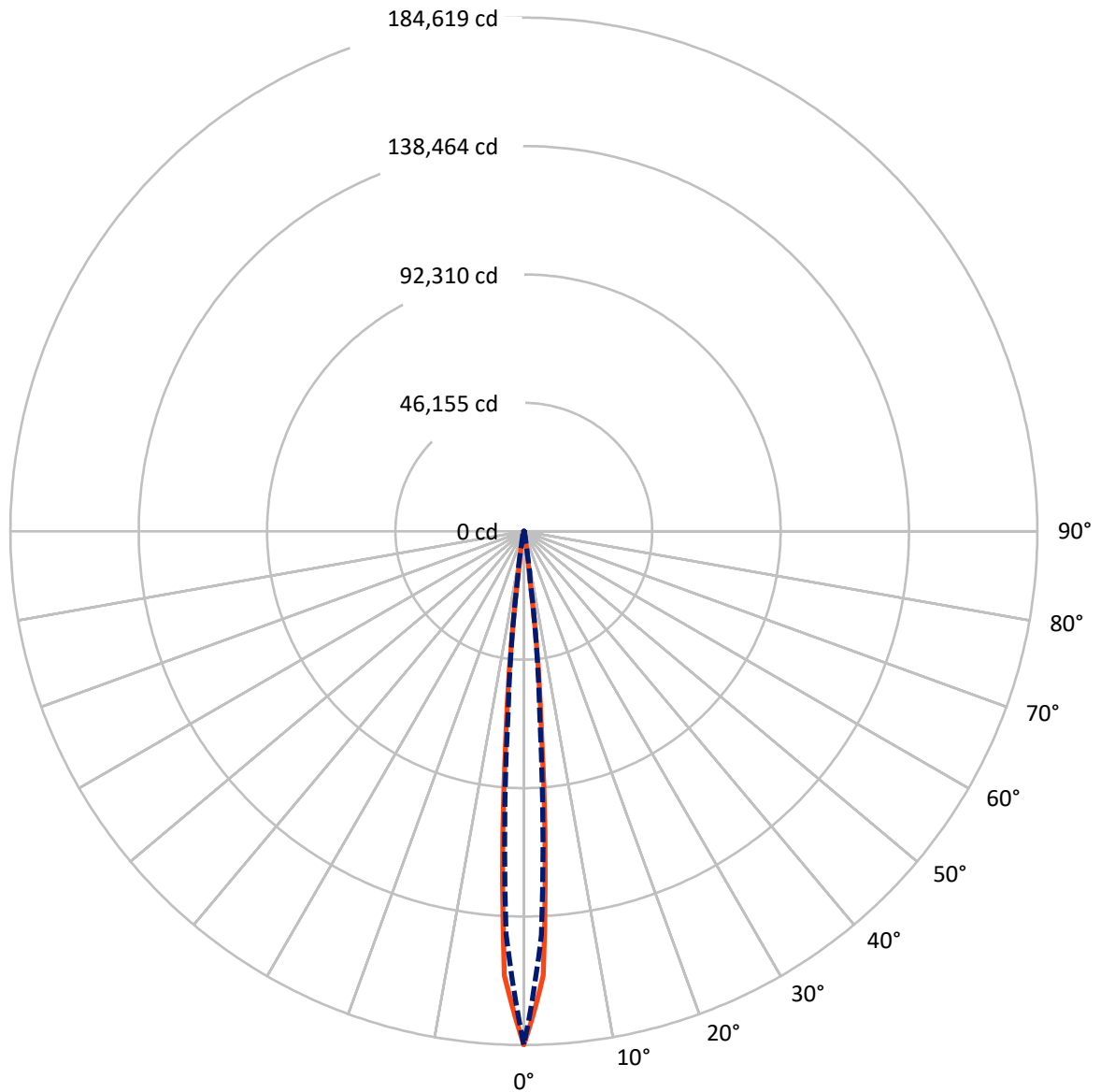
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Lumen Table

| | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|--------|--------|------|------|-----|-----|-----|-----|-----|
| 90 | 0.0 | 0.2 | 0.8 | 1.9 | 3.4 | 1.9 | 0.8 | 0.2 | 0.0 | | | | | | | |
| 80 | 0.0 | 0.2 | 0.8 | 1.9 | 3.4 | 1.9 | 0.8 | 0.2 | 0.0 | | | | | | | |
| 70 | 0.1 | 0.2 | 0.4 | 0.9 | 1.3 | 1.6 | 2.7 | 4.9 | 4.9 | 2.7 | 1.6 | 1.3 | 0.9 | 0.4 | 0.2 | 0.1 |
| 60 | | 0.3 | 0.8 | 1.6 | 2.4 | 3.2 | 4.3 | 6.0 | 6.0 | 4.3 | 3.2 | 2.4 | 1.6 | 0.8 | 0.3 | |
| 50 | 0.4 | 0.6 | 1.2 | 2.4 | 4.0 | 5.9 | 7.7 | 9.5 | 9.5 | 7.7 | 5.9 | 4.0 | 2.4 | 1.2 | 0.6 | 0.4 |
| 40 | | 0.9 | 1.6 | 3.4 | 6.2 | 8.3 | 9.2 | 9.8 | 9.8 | 9.2 | 8.3 | 6.2 | 3.4 | 1.6 | 0.9 | |
| 30 | 0.8 | 1.3 | 2.3 | 4.8 | 7.6 | 8.7 | 11.6 | 15.4 | 15.4 | 11.6 | 8.7 | 7.6 | 4.8 | 2.3 | 1.3 | 0.8 |
| 20 | | 1.7 | 3.2 | 6.4 | 8.4 | 11.2 | 22.5 | 43.2 | 43.2 | 22.5 | 11.2 | 8.4 | 6.4 | 3.2 | 1.7 | |
| 10 | 1.0 | 1.9 | 3.9 | 7.2 | 8.8 | 14.7 | 44.8 | 1202.7 | 1202.7 | 44.8 | 14.7 | 8.8 | 7.2 | 3.9 | 1.9 | 1.0 |
| 0 | | 1.9 | 3.9 | 7.2 | 8.8 | 14.7 | 44.8 | 1202.7 | 1202.7 | 44.8 | 14.7 | 8.8 | 7.2 | 3.9 | 1.9 | |
| -10 | 0.8 | 1.7 | 3.2 | 6.4 | 8.4 | 11.2 | 22.5 | 43.2 | 43.2 | 22.5 | 11.2 | 8.4 | 6.4 | 3.2 | 1.7 | 0.8 |
| -20 | | 1.3 | 2.3 | 4.8 | 7.6 | 8.7 | 11.6 | 15.4 | 15.4 | 11.6 | 8.7 | 7.6 | 4.8 | 2.3 | 1.3 | |
| -30 | 0.4 | 0.9 | 1.6 | 3.4 | 6.2 | 8.3 | 9.2 | 9.8 | 9.8 | 9.2 | 8.3 | 6.2 | 3.4 | 1.6 | 0.9 | 0.4 |
| -40 | | 0.6 | 1.2 | 2.4 | 4.0 | 5.9 | 7.7 | 9.5 | 9.5 | 7.7 | 5.9 | 4.0 | 2.4 | 1.2 | 0.6 | |
| -50 | 0.1 | 0.3 | 0.8 | 1.6 | 2.4 | 3.2 | 4.3 | 6.0 | 6.0 | 4.3 | 3.2 | 2.4 | 1.6 | 0.8 | 0.3 | 0.1 |
| -60 | | 0.2 | 0.4 | 0.9 | 1.3 | 1.6 | 2.7 | 4.9 | 4.9 | 2.7 | 1.6 | 1.3 | 0.9 | 0.4 | 0.2 | |
| -70 | 0.0 | 0.2 | 0.8 | 1.9 | 3.4 | 1.9 | 0.8 | 0.2 | 0.0 | | | | | | | |
| -80 | | 0.0 | 0.2 | 0.8 | 1.9 | 3.4 | 1.9 | 0.8 | 0.2 | 0.0 | | | | | | |
| -90 | 0.0 | 0.2 | 0.8 | 1.9 | 3.4 | 1.9 | 0.8 | 0.2 | 0.0 | | | | | | | |

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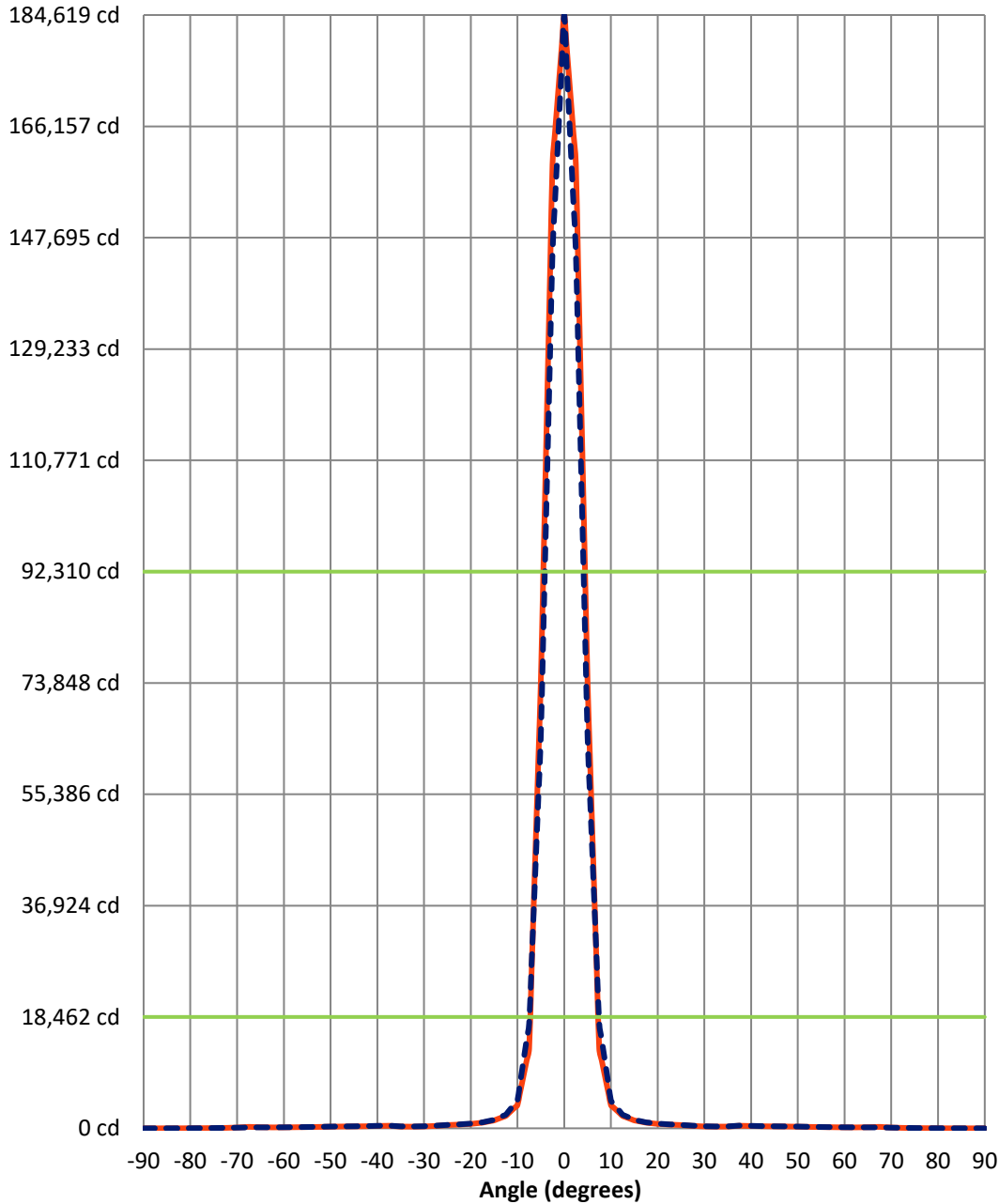
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 8.3°
V Angle: 8.9°
Lumens: 2075.3
Efficiency: 33.7%

Field:
H Angle: 14.9°
V Angle: 14.6°
Lumens: 3278
Efficiency: 53.2%

Spill:
Lumens: 2881.8
Efficiency: 46.8%

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



REPORT NUMBER: P722938
 CATALOG NUMBER: IFLD-S-SA2B-750-U-11

FIELD
 BEAM

CANDELA DISTRIBUTION:

| | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° | 20° | 22.5° | 25° |
|-------|----------|----------|---------|---------|--------|--------|--------|-------|-------|-------|-------|
| 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 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 |
| 82.5° | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 3.2 | 3.2 | 3.2 | 3.2 |
| 80° | 12.9 | 12.9 | 12.9 | 12.9 | 12.9 | 12.9 | 11.3 | 11.3 | 9.7 | 8.0 | 8.0 |
| 77.5° | 24.1 | 25.7 | 27.4 | 25.7 | 24.1 | 24.1 | 22.5 | 19.3 | 17.7 | 14.5 | 12.9 |
| 75° | 40.2 | 43.4 | 45.1 | 43.4 | 41.8 | 40.2 | 37.0 | 32.2 | 27.4 | 22.5 | 19.3 |
| 72.5° | 72.4 | 74.0 | 74.0 | 70.8 | 66.0 | 62.8 | 57.9 | 48.3 | 40.2 | 32.2 | 27.4 |
| 70° | 125.5 | 130.3 | 131.9 | 115.8 | 101.4 | 88.5 | 75.6 | 64.4 | 51.5 | 40.2 | 35.4 |
| 67.5° | 241.3 | 234.9 | 223.6 | 180.2 | 140.0 | 104.6 | 80.4 | 70.8 | 59.5 | 48.3 | 45.1 |
| 65° | 181.8 | 177.0 | 170.6 | 148.0 | 125.5 | 101.4 | 85.3 | 75.6 | 67.6 | 57.9 | 56.3 |
| 62.5° | 152.9 | 152.9 | 149.6 | 135.2 | 120.7 | 103.0 | 91.7 | 85.3 | 77.2 | 69.2 | 69.2 |
| 60° | 159.3 | 162.5 | 159.3 | 144.8 | 128.7 | 112.6 | 103.0 | 96.5 | 88.5 | 83.7 | 83.7 |
| 57.5° | 180.2 | 181.8 | 177.0 | 160.9 | 144.8 | 127.1 | 117.5 | 109.4 | 101.4 | 96.5 | 96.5 |
| 55° | 207.6 | 206.0 | 199.5 | 183.4 | 167.3 | 149.6 | 140.0 | 128.7 | 117.5 | 112.6 | 112.6 |
| 52.5° | 233.3 | 234.9 | 228.5 | 214.0 | 196.3 | 178.6 | 167.3 | 152.9 | 140.0 | 135.2 | 131.9 |
| 50° | 270.3 | 271.9 | 267.1 | 252.6 | 238.1 | 220.4 | 202.7 | 183.4 | 168.9 | 162.5 | 156.1 |
| 47.5° | 302.5 | 302.5 | 297.7 | 288.0 | 276.7 | 260.7 | 241.3 | 223.6 | 207.6 | 196.3 | 185.0 |
| 45° | 317.0 | 317.0 | 313.8 | 308.9 | 302.5 | 288.0 | 268.7 | 249.4 | 238.1 | 231.7 | 222.0 |
| 42.5° | 342.7 | 342.7 | 334.7 | 325.0 | 317.0 | 302.5 | 284.8 | 263.9 | 260.7 | 254.2 | 247.8 |
| 40° | 384.5 | 370.1 | 357.2 | 345.9 | 333.1 | 317.0 | 300.9 | 286.4 | 280.0 | 271.9 | 265.5 |
| 37.5° | 423.2 | 403.9 | 384.5 | 366.9 | 352.4 | 339.5 | 318.6 | 307.3 | 299.3 | 289.6 | 283.2 |
| 35° | 291.2 | 284.8 | 292.8 | 302.5 | 317.0 | 339.5 | 354.0 | 337.9 | 320.2 | 308.9 | 300.9 |
| 32.5° | 278.4 | 278.4 | 280.0 | 280.0 | 276.7 | 275.1 | 289.6 | 323.4 | 357.2 | 339.5 | 323.4 |
| 30° | 308.9 | 315.4 | 317.0 | 313.8 | 302.5 | 288.0 | 280.0 | 278.4 | 294.4 | 341.1 | 354.0 |
| 27.5° | 399.0 | 403.9 | 400.6 | 389.4 | 365.2 | 331.5 | 310.5 | 288.0 | 283.2 | 283.2 | 334.7 |
| 25° | 540.6 | 539.0 | 526.1 | 500.4 | 463.4 | 418.3 | 373.3 | 326.6 | 302.5 | 288.0 | 286.4 |
| 22.5° | 621.1 | 621.1 | 611.4 | 596.9 | 572.8 | 527.7 | 465.0 | 402.2 | 342.7 | 308.9 | 289.6 |
| 20° | 730.5 | 733.7 | 722.4 | 695.1 | 651.6 | 611.4 | 564.8 | 490.7 | 413.5 | 345.9 | 307.3 |
| 17.5° | 936.4 | 933.2 | 907.5 | 851.2 | 775.5 | 706.3 | 633.9 | 577.6 | 495.6 | 408.7 | 336.3 |
| 15° | 1312.9 | 1303.3 | 1230.9 | 1100.6 | 959.0 | 836.7 | 730.5 | 637.2 | 572.8 | 474.7 | 386.2 |
| 12.5° | 2053.1 | 2025.7 | 1829.4 | 1520.5 | 1248.6 | 999.2 | 841.5 | 716.0 | 621.1 | 539.0 | 434.4 |
| 10° | 3851.9 | 3823.0 | 3219.6 | 2223.6 | 1708.8 | 1251.8 | 965.4 | 791.6 | 667.7 | 585.7 | 481.1 |
| 7.5° | 13235.6 | 11444.8 | 7084.4 | 4337.8 | 2259.0 | 1551.1 | 1124.7 | 875.3 | 719.2 | 614.6 | 521.3 |
| 5° | 74098.9 | 61321.9 | 32561.2 | 8888.1 | 3581.6 | 1924.4 | 1277.5 | 944.5 | 754.6 | 635.6 | 545.4 |
| 2.5° | 159851.8 | 132048.4 | 63513.4 | 16107.6 | 4413.5 | 2167.3 | 1366.0 | 976.7 | 772.3 | 645.2 | 559.9 |
| 0° | 184619.0 | 145164.9 | 64868.1 | 17433.4 | 4624.2 | 2263.9 | 1404.7 | 991.1 | 780.4 | 651.6 | 564.8 |



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CANDELA DISTRIBUTION (continued):

| | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° | 47.5° | 50° | 52.5° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 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° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 |
| 85° | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 |
| 82.5° | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 |
| 80° | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 4.8 | 4.8 | 4.8 | 3.2 | 3.2 | 3.2 |
| 77.5° | 12.9 | 12.9 | 11.3 | 11.3 | 9.7 | 9.7 | 9.7 | 8.0 | 6.4 | 6.4 | 4.8 |
| 75° | 19.3 | 19.3 | 19.3 | 17.7 | 16.1 | 14.5 | 14.5 | 12.9 | 11.3 | 9.7 | 9.7 |
| 72.5° | 27.4 | 27.4 | 27.4 | 25.7 | 24.1 | 22.5 | 19.3 | 17.7 | 16.1 | 14.5 | 12.9 |
| 70° | 35.4 | 35.4 | 35.4 | 33.8 | 33.8 | 32.2 | 29.0 | 25.7 | 22.5 | 19.3 | 17.7 |
| 67.5° | 45.1 | 45.1 | 45.1 | 41.8 | 40.2 | 38.6 | 37.0 | 33.8 | 30.6 | 25.7 | 22.5 |
| 65° | 56.3 | 56.3 | 56.3 | 51.5 | 48.3 | 46.7 | 43.4 | 40.2 | 35.4 | 32.2 | 27.4 |
| 62.5° | 70.8 | 70.8 | 67.6 | 62.8 | 57.9 | 53.1 | 49.9 | 46.7 | 41.8 | 37.0 | 32.2 |
| 60° | 83.7 | 83.7 | 82.1 | 75.6 | 69.2 | 61.1 | 57.9 | 53.1 | 48.3 | 43.4 | 37.0 |
| 57.5° | 96.5 | 96.5 | 93.3 | 86.9 | 80.4 | 74.0 | 67.6 | 62.8 | 56.3 | 49.9 | 43.4 |
| 55° | 111.0 | 109.4 | 104.6 | 98.1 | 91.7 | 85.3 | 80.4 | 74.0 | 67.6 | 59.5 | 49.9 |
| 52.5° | 128.7 | 123.9 | 115.8 | 109.4 | 101.4 | 94.9 | 90.1 | 83.7 | 77.2 | 67.6 | 56.3 |
| 50° | 149.6 | 141.6 | 130.3 | 120.7 | 112.6 | 106.2 | 99.8 | 93.3 | 86.9 | 75.6 | 64.4 |
| 47.5° | 175.4 | 162.5 | 149.6 | 136.8 | 125.5 | 117.5 | 109.4 | 103.0 | 93.3 | 82.1 | 70.8 |
| 45° | 206.0 | 186.6 | 172.2 | 156.1 | 143.2 | 130.3 | 120.7 | 112.6 | 99.8 | 86.9 | 75.6 |
| 42.5° | 236.5 | 220.4 | 199.5 | 178.6 | 162.5 | 146.4 | 133.5 | 120.7 | 107.8 | 93.3 | 80.4 |
| 40° | 257.4 | 244.6 | 230.1 | 207.6 | 185.0 | 165.7 | 148.0 | 130.3 | 114.2 | 99.8 | 85.3 |
| 37.5° | 273.5 | 263.9 | 251.0 | 234.9 | 212.4 | 188.3 | 164.1 | 141.6 | 122.3 | 106.2 | 91.7 |
| 35° | 291.2 | 280.0 | 267.1 | 254.2 | 236.5 | 210.8 | 180.2 | 154.5 | 131.9 | 112.6 | 99.8 |
| 32.5° | 310.5 | 294.4 | 281.6 | 267.1 | 254.2 | 233.3 | 201.1 | 168.9 | 141.6 | 122.3 | 109.4 |
| 30° | 333.1 | 312.1 | 294.4 | 280.0 | 265.5 | 246.2 | 222.0 | 185.0 | 156.1 | 135.2 | 119.1 |
| 27.5° | 357.2 | 326.6 | 307.3 | 291.2 | 276.7 | 259.0 | 236.5 | 204.3 | 173.8 | 148.0 | 128.7 |
| 25° | 334.7 | 350.8 | 320.2 | 302.5 | 286.4 | 268.7 | 249.4 | 228.5 | 193.1 | 164.1 | 141.6 |
| 22.5° | 288.0 | 344.3 | 342.7 | 317.0 | 297.7 | 281.6 | 270.3 | 247.8 | 215.6 | 180.2 | 152.9 |
| 20° | 291.2 | 307.3 | 366.9 | 331.5 | 312.1 | 300.9 | 289.6 | 268.7 | 236.5 | 194.7 | 164.1 |
| 17.5° | 300.9 | 294.4 | 337.9 | 354.0 | 331.5 | 317.0 | 308.9 | 289.6 | 255.8 | 214.0 | 181.8 |
| 15° | 326.6 | 299.3 | 312.1 | 373.3 | 349.2 | 333.1 | 328.2 | 304.1 | 273.5 | 234.9 | 199.5 |
| 12.5° | 349.2 | 307.3 | 300.9 | 360.4 | 365.2 | 347.5 | 336.3 | 315.4 | 288.0 | 252.6 | 215.6 |
| 10° | 386.2 | 326.6 | 305.7 | 345.9 | 381.3 | 360.4 | 342.7 | 325.0 | 299.3 | 268.7 | 231.7 |
| 7.5° | 415.1 | 337.9 | 307.3 | 334.7 | 397.4 | 370.1 | 349.2 | 329.8 | 308.9 | 281.6 | 244.6 |
| 5° | 428.0 | 342.7 | 305.7 | 325.0 | 415.1 | 381.3 | 357.2 | 334.7 | 315.4 | 289.6 | 251.0 |
| 2.5° | 434.4 | 344.3 | 304.1 | 317.0 | 432.8 | 395.8 | 360.4 | 334.7 | 315.4 | 291.2 | 251.0 |
| 0° | 437.6 | 341.1 | 304.1 | 321.8 | 445.7 | 410.3 | 362.0 | 334.7 | 313.8 | 289.6 | 247.8 |



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CANDELA DISTRIBUTION (continued):

| | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° | 75° | 77.5° | 80° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|------|
| 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° | 1.6 | 1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 0.0 | 0.0 |
| 82.5° | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 |
| 80° | 3.2 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 |
| 77.5° | 4.8 | 4.8 | 3.2 | 3.2 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 |
| 75° | 8.0 | 6.4 | 6.4 | 4.8 | 4.8 | 3.2 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 |
| 72.5° | 11.3 | 9.7 | 8.0 | 6.4 | 6.4 | 4.8 | 3.2 | 1.6 | 1.6 | 1.6 | 1.6 |
| 70° | 14.5 | 12.9 | 9.7 | 8.0 | 8.0 | 6.4 | 4.8 | 3.2 | 1.6 | 1.6 | 1.6 |
| 67.5° | 19.3 | 16.1 | 12.9 | 9.7 | 9.7 | 8.0 | 6.4 | 4.8 | 3.2 | 1.6 | 1.6 |
| 65° | 24.1 | 19.3 | 16.1 | 12.9 | 11.3 | 9.7 | 8.0 | 6.4 | 4.8 | 1.6 | 1.6 |
| 62.5° | 27.4 | 24.1 | 19.3 | 16.1 | 14.5 | 11.3 | 9.7 | 8.0 | 4.8 | 3.2 | 1.6 |
| 60° | 32.2 | 27.4 | 22.5 | 19.3 | 17.7 | 14.5 | 11.3 | 9.7 | 6.4 | 4.8 | 1.6 |
| 57.5° | 37.0 | 30.6 | 25.7 | 22.5 | 20.9 | 17.7 | 14.5 | 11.3 | 8.0 | 4.8 | 3.2 |
| 55° | 41.8 | 35.4 | 29.0 | 27.4 | 24.1 | 20.9 | 17.7 | 12.9 | 9.7 | 6.4 | 3.2 |
| 52.5° | 46.7 | 38.6 | 33.8 | 32.2 | 29.0 | 24.1 | 19.3 | 16.1 | 11.3 | 8.0 | 4.8 |
| 50° | 53.1 | 43.4 | 38.6 | 37.0 | 32.2 | 27.4 | 22.5 | 19.3 | 14.5 | 9.7 | 4.8 |
| 47.5° | 59.5 | 48.3 | 45.1 | 41.8 | 37.0 | 32.2 | 25.7 | 22.5 | 16.1 | 11.3 | 6.4 |
| 45° | 64.4 | 56.3 | 51.5 | 48.3 | 41.8 | 37.0 | 30.6 | 25.7 | 17.7 | 12.9 | 6.4 |
| 42.5° | 67.6 | 62.8 | 59.5 | 54.7 | 48.3 | 40.2 | 33.8 | 29.0 | 20.9 | 14.5 | 8.0 |
| 40° | 75.6 | 70.8 | 66.0 | 61.1 | 54.7 | 45.1 | 38.6 | 32.2 | 24.1 | 16.1 | 8.0 |
| 37.5° | 83.7 | 77.2 | 72.4 | 67.6 | 61.1 | 51.5 | 45.1 | 35.4 | 27.4 | 17.7 | 9.7 |
| 35° | 91.7 | 85.3 | 78.8 | 74.0 | 67.6 | 59.5 | 49.9 | 40.2 | 30.6 | 19.3 | 11.3 |
| 32.5° | 99.8 | 91.7 | 85.3 | 78.8 | 75.6 | 66.0 | 54.7 | 43.4 | 33.8 | 20.9 | 11.3 |
| 30° | 107.8 | 98.1 | 91.7 | 86.9 | 83.7 | 74.0 | 61.1 | 48.3 | 37.0 | 24.1 | 12.9 |
| 27.5° | 115.8 | 104.6 | 96.5 | 96.5 | 93.3 | 82.1 | 66.0 | 53.1 | 40.2 | 25.7 | 14.5 |
| 25° | 123.9 | 111.0 | 107.8 | 106.2 | 104.6 | 90.1 | 72.4 | 57.9 | 41.8 | 29.0 | 14.5 |
| 22.5° | 131.9 | 122.3 | 117.5 | 115.8 | 112.6 | 98.1 | 78.8 | 61.1 | 45.1 | 30.6 | 16.1 |
| 20° | 144.8 | 135.2 | 128.7 | 123.9 | 122.3 | 107.8 | 85.3 | 66.0 | 48.3 | 30.6 | 16.1 |
| 17.5° | 160.9 | 146.4 | 138.4 | 133.5 | 130.3 | 115.8 | 91.7 | 70.8 | 49.9 | 30.6 | 16.1 |
| 15° | 175.4 | 159.3 | 148.0 | 141.6 | 138.4 | 125.5 | 96.5 | 72.4 | 51.5 | 30.6 | 16.1 |
| 12.5° | 189.9 | 170.6 | 157.7 | 151.2 | 146.4 | 135.2 | 101.4 | 74.0 | 51.5 | 30.6 | 16.1 |
| 10° | 202.7 | 181.8 | 168.9 | 159.3 | 152.9 | 138.4 | 103.0 | 75.6 | 51.5 | 30.6 | 16.1 |
| 7.5° | 214.0 | 191.5 | 173.8 | 159.3 | 152.9 | 141.6 | 103.0 | 77.2 | 51.5 | 30.6 | 17.7 |
| 5° | 215.6 | 191.5 | 172.2 | 159.3 | 154.5 | 143.2 | 104.6 | 77.2 | 51.5 | 29.0 | 16.1 |
| 2.5° | 217.2 | 191.5 | 172.2 | 159.3 | 154.5 | 143.2 | 104.6 | 77.2 | 51.5 | 29.0 | 16.1 |
| 0° | 215.6 | 189.9 | 170.6 | 159.3 | 154.5 | 143.2 | 104.6 | 77.2 | 49.9 | 27.4 | 16.1 |



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 CATALOG NUMBER: IFLD-S-SA2B-750-U-11

CANDELA DISTRIBUTION (continued):

| | 82.5° | 85° | 87.5° | 90° |
|-------|-------|-----|-------|-----|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 |
| 82.5° | 0.0 | 0.0 | 0.0 | 0.0 |
| 80° | 1.6 | 0.0 | 0.0 | 0.0 |
| 77.5° | 1.6 | 0.0 | 0.0 | 0.0 |
| 75° | 1.6 | 1.6 | 0.0 | 0.0 |
| 72.5° | 1.6 | 1.6 | 0.0 | 0.0 |
| 70° | 1.6 | 1.6 | 0.0 | 0.0 |
| 67.5° | 1.6 | 1.6 | 0.0 | 0.0 |
| 65° | 1.6 | 1.6 | 0.0 | 0.0 |
| 62.5° | 1.6 | 1.6 | 0.0 | 0.0 |
| 60° | 1.6 | 1.6 | 0.0 | 0.0 |
| 57.5° | 1.6 | 1.6 | 1.6 | 0.0 |
| 55° | 1.6 | 1.6 | 1.6 | 0.0 |
| 52.5° | 1.6 | 1.6 | 1.6 | 0.0 |
| 50° | 1.6 | 1.6 | 1.6 | 0.0 |
| 47.5° | 1.6 | 1.6 | 1.6 | 0.0 |
| 45° | 1.6 | 1.6 | 1.6 | 0.0 |
| 42.5° | 3.2 | 1.6 | 1.6 | 0.0 |
| 40° | 3.2 | 1.6 | 1.6 | 0.0 |
| 37.5° | 4.8 | 1.6 | 1.6 | 0.0 |
| 35° | 4.8 | 1.6 | 1.6 | 0.0 |
| 32.5° | 4.8 | 1.6 | 1.6 | 0.0 |
| 30° | 4.8 | 1.6 | 1.6 | 0.0 |
| 27.5° | 6.4 | 1.6 | 1.6 | 0.0 |
| 25° | 6.4 | 1.6 | 1.6 | 0.0 |
| 22.5° | 6.4 | 1.6 | 1.6 | 0.0 |
| 20° | 6.4 | 1.6 | 1.6 | 0.0 |
| 17.5° | 6.4 | 1.6 | 1.6 | 0.0 |
| 15° | 8.0 | 1.6 | 1.6 | 0.0 |
| 12.5° | 8.0 | 1.6 | 1.6 | 0.0 |
| 10° | 8.0 | 1.6 | 1.6 | 0.0 |
| 7.5° | 8.0 | 1.6 | 1.6 | 0.0 |
| 5° | 8.0 | 1.6 | 1.6 | 0.0 |
| 2.5° | 8.0 | 1.6 | 1.6 | 0.0 |
| 0° | 8.0 | 1.6 | 1.6 | 0.0 |

(END OF REPORT)