

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: P723316

Luminaire Tested: **IFLD-S-SA2C-740-U-22**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723316
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2C-740-U-22
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens
Light Source: (32) 4000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

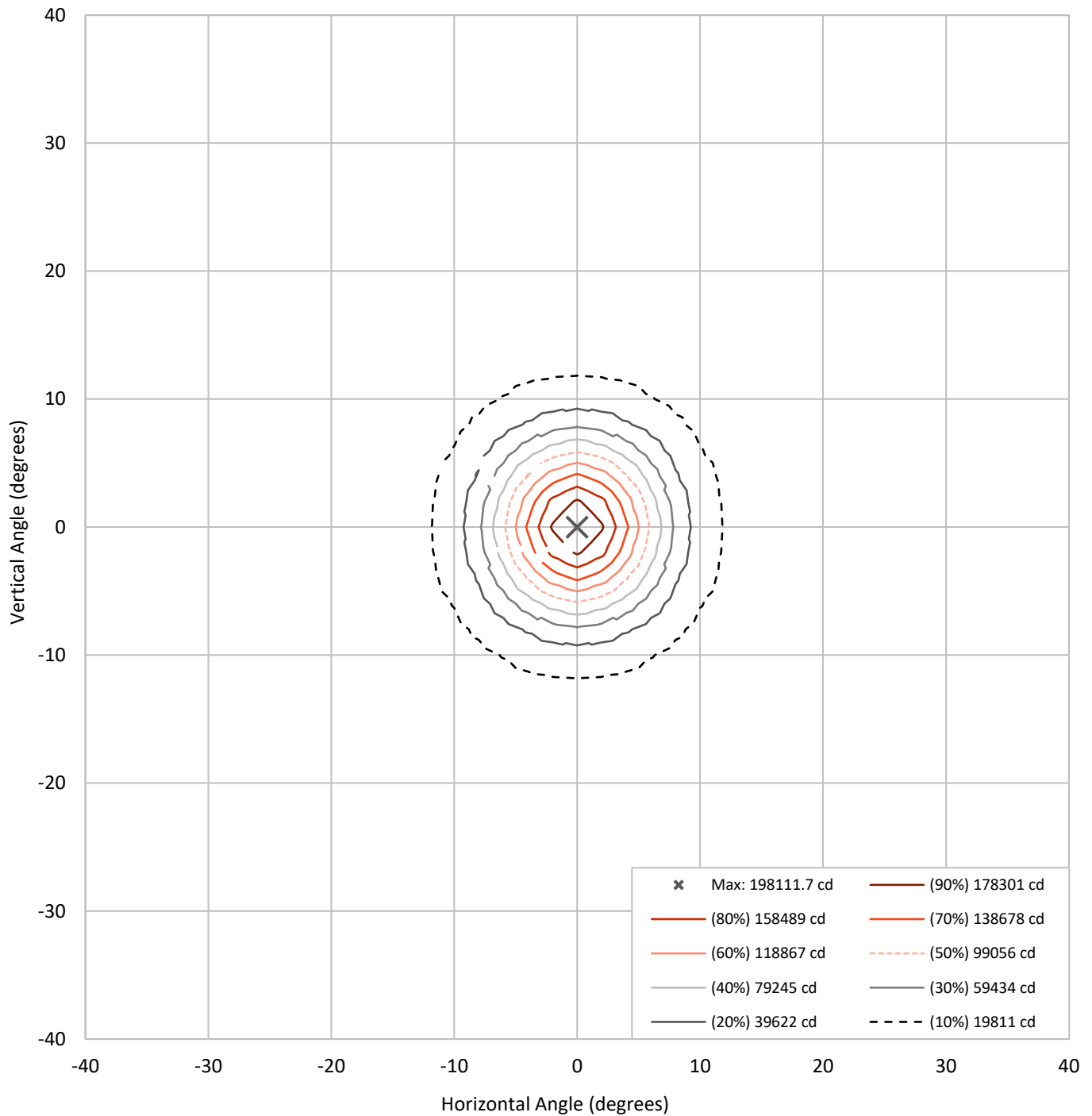
| | | | |
|-------------------|--------------------------------------|----------------------|------------------|
| Lumens per Lamp: | N/A | NEMA Type: | 2H x 2V |
| Luminaire Lumens: | 13266.1 lumens | Max Intensity: | 198111.7 candela |
| Efficiency: | N/A | Max Intensity Angle: | 0°H x 0°V |
| Efficacy: | 122.6 lumens/watt | | |
| Luminous Opening: | Rectangular (W 1' x L: 0.5' x H: 0') | | |
| Beam Angle (50%): | 11.8°H x 11.8°V | Field Angle (10%): | 23.7°H x 23.7°V |
| Beam Lumens: | 3213.5 lumens | Field Lumens: | 6905.9 lumens |
| Beam Efficiency: | 24.2% | Field Efficiency: | 52.1% |

Input Watts (W): 108.2
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



REPORT NUMBER: P723316
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Iso-Candela Plot





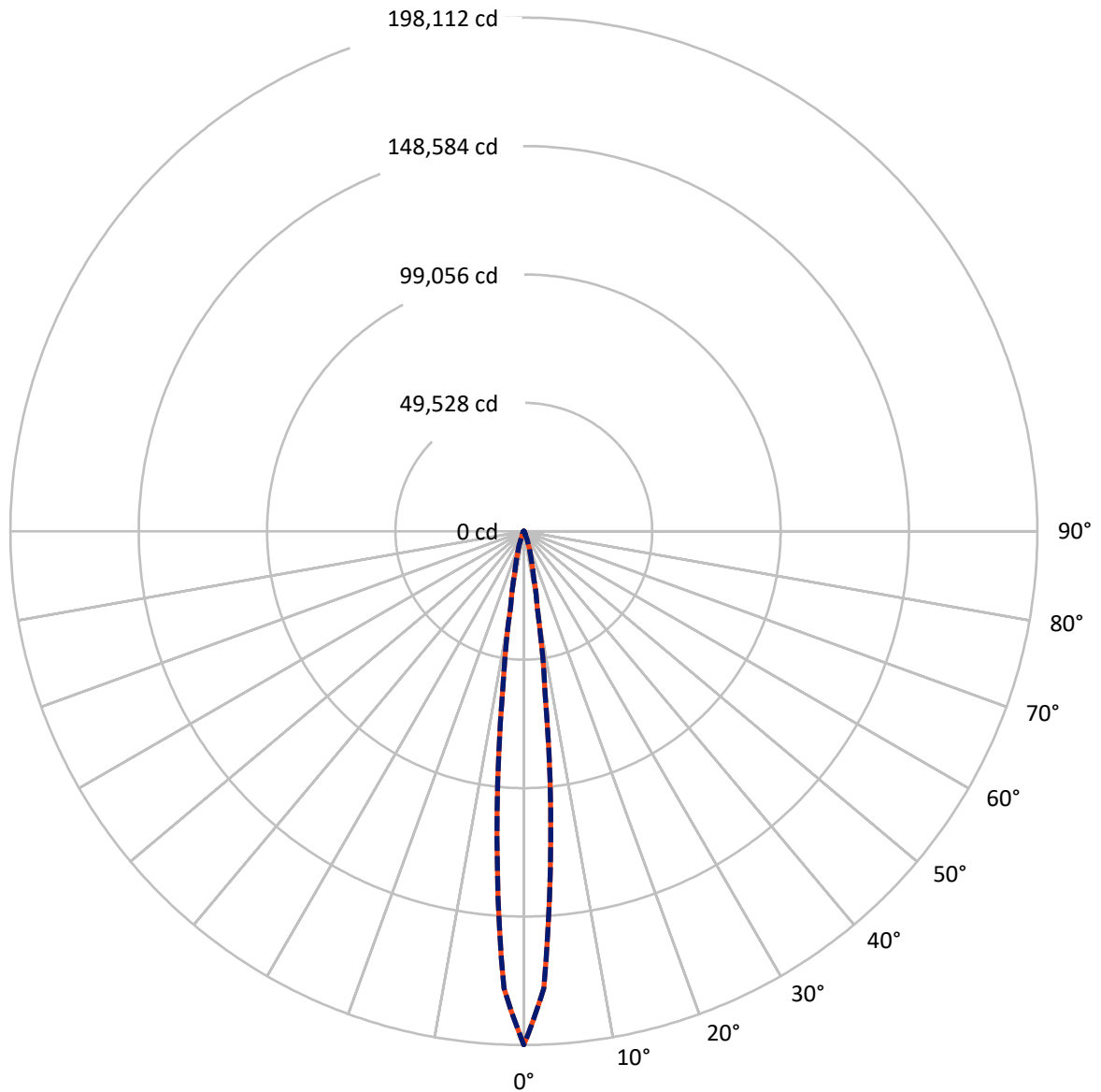
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 CATALOG NUMBER: IFLD-S-SA2C-740-U-22

Lumen Table

| | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|------|------|-------|--------|--------|-------|------|------|-----|-----|-----|-----|----|----|----|
| 90 | 0.4 | 2.8 | | 6.4 | | 9.6 | | 10.9 | | 9.6 | | 6.4 | | 2.8 | | 0.4 | | | |
| 80 | 0.4 | 2.8 | | 6.4 | | 9.6 | | 10.9 | | 9.6 | | 6.4 | | 2.8 | | 0.4 | | | |
| 70 | 1.3 | 1.2 | 2.2 | 3.4 | 4.6 | 5.5 | 6.2 | 6.5 | 6.5 | 6.2 | 5.5 | 4.6 | 3.4 | 2.2 | 1.2 | 1.3 | | | |
| 60 | | 1.6 | 3.1 | 4.5 | 5.7 | 6.6 | 7.2 | 7.6 | 7.6 | 7.2 | 6.6 | 5.7 | 4.5 | 3.1 | 1.6 | | | | |
| 50 | 1.9 | 2.0 | 3.7 | 5.1 | 6.2 | 7.3 | 8.3 | 9.1 | 9.1 | 8.3 | 7.3 | 6.2 | 5.1 | 3.7 | 2.0 | 1.9 | | | |
| 40 | | 2.4 | 4.0 | 5.4 | 6.9 | 9.3 | 11.9 | 13.6 | 13.6 | 11.9 | 9.3 | 6.9 | 5.4 | 4.0 | 2.4 | | | | |
| 30 | 2.3 | 2.6 | 4.2 | 5.7 | 8.4 | 12.8 | 24.2 | 46.4 | 46.4 | 24.2 | 12.8 | 8.4 | 5.7 | 4.2 | 2.6 | 2.3 | | | |
| 20 | | 2.7 | 4.3 | 6.1 | 10.1 | 22.9 | 112.2 | 313.5 | 313.5 | 112.2 | 22.9 | 10.1 | 6.1 | 4.3 | 2.7 | | | | |
| 10 | 2.5 | 2.8 | 4.4 | 6.5 | 11.3 | 42.7 | 305.6 | 2174.7 | 2174.7 | 305.6 | 42.7 | 11.3 | 6.5 | 4.4 | 2.8 | 2.5 | | | |
| 0 | | 2.8 | 4.4 | 6.5 | 11.3 | 42.7 | 305.6 | 2174.7 | 2174.7 | 305.6 | 42.7 | 11.3 | 6.5 | 4.4 | 2.8 | | | | |
| -10 | 2.3 | 2.7 | 4.3 | 6.1 | 10.1 | 22.9 | 112.2 | 313.5 | 313.5 | 112.2 | 22.9 | 10.1 | 6.1 | 4.3 | 2.7 | 2.3 | | | |
| -20 | | 2.6 | 4.2 | 5.7 | 8.4 | 12.8 | 24.2 | 46.4 | 46.4 | 24.2 | 12.8 | 8.4 | 5.7 | 4.2 | 2.6 | | | | |
| -30 | 1.9 | 2.4 | 4.0 | 5.4 | 6.9 | 9.3 | 11.9 | 13.6 | 13.6 | 11.9 | 9.3 | 6.9 | 5.4 | 4.0 | 2.4 | 1.9 | | | |
| -40 | | 2.0 | 3.7 | 5.1 | 6.2 | 7.3 | 8.3 | 9.1 | 9.1 | 8.3 | 7.3 | 6.2 | 5.1 | 3.7 | 2.0 | | | | |
| -50 | 1.3 | 1.6 | 3.1 | 4.5 | 5.7 | 6.6 | 7.2 | 7.6 | 7.6 | 7.2 | 6.6 | 5.7 | 4.5 | 3.1 | 1.6 | 1.3 | | | |
| -60 | | 1.2 | 2.2 | 3.4 | 4.6 | 5.5 | 6.2 | 6.5 | 6.5 | 6.2 | 5.5 | 4.6 | 3.4 | 2.2 | 1.2 | | | | |
| -70 | 0.4 | 2.8 | | 6.4 | | 9.6 | | 10.9 | | 9.6 | | 6.4 | | 2.8 | | 0.4 | | | |
| -80 | | 2.8 | | 6.4 | | 9.6 | | 10.9 | | 9.6 | | 6.4 | | 2.8 | | | | | |
| -90 | 0.4 | 2.8 | | 6.4 | | 9.6 | | 10.9 | | 9.6 | | 6.4 | | 2.8 | | 0.4 | | | |
| | -90 | -80 | -70 | -60 | -50 | -40 | -30 | -20 | -10 | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 |

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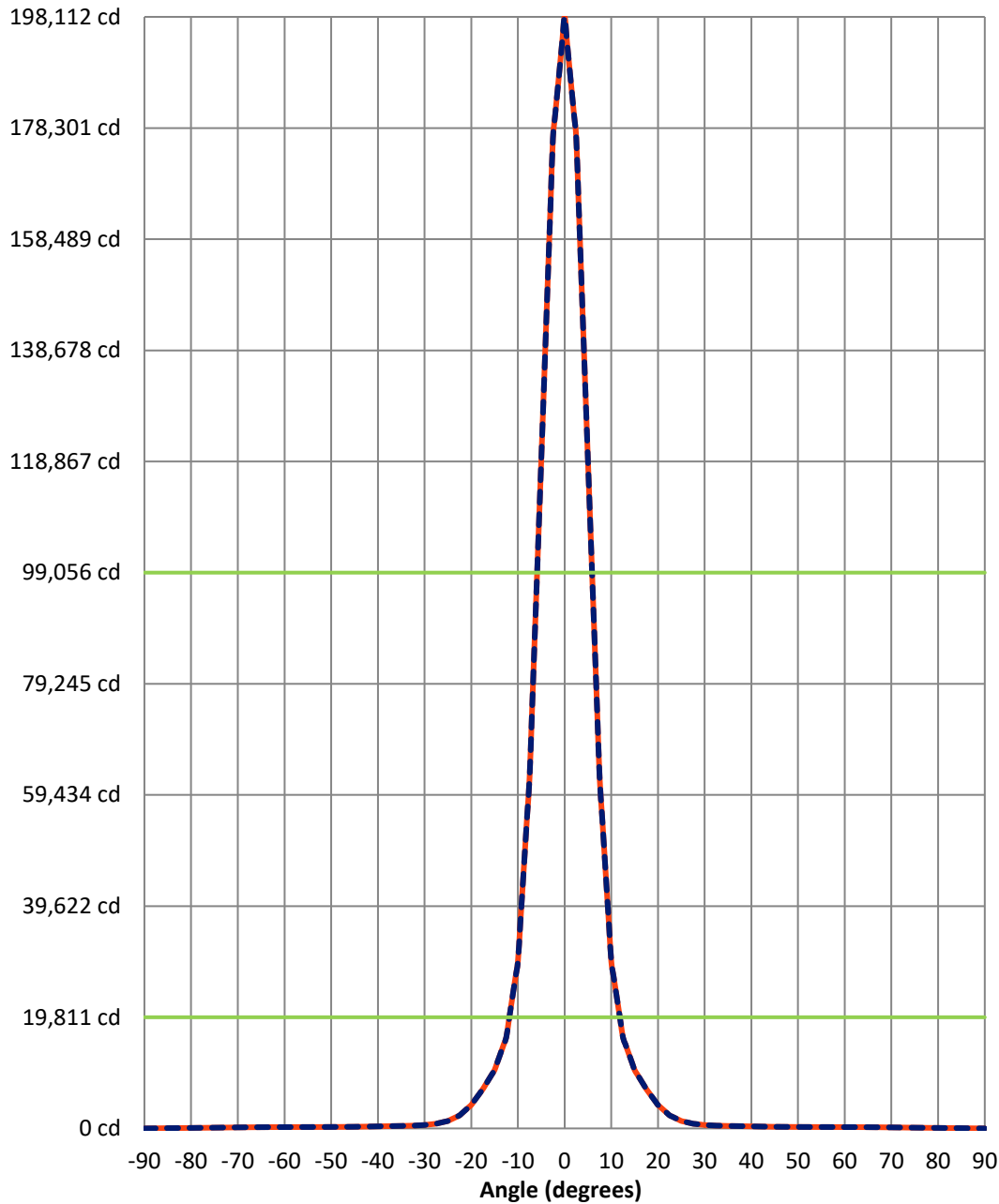
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 11.8°
 V Angle: 11.8°
 Lumens: 3213.5
 Efficiency: 24.2%

Field:
 H Angle: 23.7°
 V Angle: 23.7°
 Lumens: 6905.9
 Efficiency: 52.1%

Spill:
 Lumens: 6360.2
 Efficiency: 47.9%

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



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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° | 19.6 | 19.6 | 19.6 | 19.6 | 19.6 | 19.6 | 19.6 | 19.6 | 17.6 | 17.6 | 17.6 |
| 85° | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 48.9 | 48.9 | 48.9 | 47.0 | 47.0 | 45.0 |
| 82.5° | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 66.6 | 66.6 | 66.6 | 64.6 | 64.6 | 62.7 |
| 80° | 88.1 | 88.1 | 88.1 | 88.1 | 86.1 | 86.1 | 86.1 | 84.2 | 84.2 | 82.2 | 80.3 |
| 77.5° | 109.6 | 109.6 | 109.6 | 109.6 | 107.7 | 107.7 | 105.7 | 103.8 | 103.8 | 101.8 | 99.9 |
| 75° | 133.1 | 133.1 | 133.1 | 131.2 | 131.2 | 129.2 | 127.3 | 127.3 | 125.3 | 121.4 | 119.4 |
| 72.5° | 158.6 | 158.6 | 158.6 | 156.6 | 156.6 | 154.7 | 152.7 | 150.8 | 146.8 | 144.9 | 141.0 |
| 70° | 184.0 | 184.0 | 184.0 | 182.1 | 180.1 | 178.2 | 176.2 | 174.3 | 170.3 | 168.4 | 164.5 |
| 67.5° | 203.6 | 203.6 | 203.6 | 201.7 | 201.7 | 199.7 | 197.7 | 195.8 | 191.9 | 189.9 | 186.0 |
| 65° | 219.3 | 219.3 | 219.3 | 217.3 | 217.3 | 215.4 | 213.4 | 211.5 | 209.5 | 207.5 | 203.6 |
| 62.5° | 231.0 | 231.0 | 231.0 | 229.1 | 229.1 | 227.1 | 227.1 | 225.2 | 223.2 | 221.2 | 217.3 |
| 60° | 236.9 | 236.9 | 236.9 | 236.9 | 234.9 | 234.9 | 234.9 | 233.0 | 233.0 | 231.0 | 229.1 |
| 57.5° | 244.7 | 244.7 | 244.7 | 244.7 | 242.8 | 242.8 | 240.8 | 238.9 | 238.9 | 236.9 | 234.9 |
| 55° | 248.7 | 248.7 | 248.7 | 248.7 | 248.7 | 246.7 | 246.7 | 246.7 | 244.7 | 242.8 | 240.8 |
| 52.5° | 254.5 | 254.5 | 254.5 | 254.5 | 252.6 | 252.6 | 250.6 | 250.6 | 248.7 | 246.7 | 246.7 |
| 50° | 262.4 | 262.4 | 262.4 | 260.4 | 260.4 | 258.4 | 256.5 | 254.5 | 254.5 | 252.6 | 250.6 |
| 47.5° | 274.1 | 274.1 | 274.1 | 272.2 | 270.2 | 268.2 | 266.3 | 262.4 | 260.4 | 258.4 | 254.5 |
| 45° | 291.7 | 291.7 | 289.8 | 287.8 | 285.9 | 281.9 | 278.0 | 274.1 | 270.2 | 266.3 | 262.4 |
| 42.5° | 327.0 | 327.0 | 323.1 | 319.1 | 313.3 | 305.4 | 297.6 | 289.8 | 283.9 | 278.0 | 272.2 |
| 40° | 368.1 | 368.1 | 364.2 | 358.3 | 350.5 | 342.6 | 330.9 | 319.1 | 307.4 | 291.7 | 283.9 |
| 37.5° | 409.2 | 409.2 | 405.3 | 399.4 | 391.6 | 379.8 | 368.1 | 354.4 | 338.7 | 321.1 | 305.4 |
| 35° | 440.5 | 440.5 | 436.6 | 432.7 | 424.9 | 417.0 | 405.3 | 391.6 | 374.0 | 354.4 | 334.8 |
| 32.5° | 495.4 | 495.4 | 487.5 | 477.7 | 466.0 | 450.3 | 434.7 | 422.9 | 409.2 | 387.7 | 366.1 |
| 30° | 607.0 | 607.0 | 589.3 | 569.8 | 540.4 | 505.1 | 479.7 | 456.2 | 434.7 | 417.0 | 395.5 |
| 27.5° | 841.9 | 832.1 | 802.7 | 753.8 | 689.2 | 607.0 | 560.0 | 507.1 | 471.9 | 440.5 | 421.0 |
| 25° | 1327.5 | 1304.0 | 1237.4 | 1127.8 | 977.0 | 816.5 | 710.7 | 599.1 | 534.5 | 481.6 | 446.4 |
| 22.5° | 2322.1 | 2269.2 | 2114.5 | 1862.0 | 1519.3 | 1213.9 | 973.1 | 773.4 | 630.4 | 544.3 | 481.6 |
| 20° | 4174.3 | 4064.6 | 3735.7 | 3207.1 | 2494.4 | 1944.2 | 1401.9 | 1067.1 | 794.9 | 630.4 | 534.5 |
| 17.5° | 7021.1 | 6825.3 | 6247.7 | 5321.6 | 4174.3 | 3142.5 | 2165.5 | 1505.6 | 1067.1 | 773.4 | 599.1 |
| 15° | 10404.4 | 10130.3 | 9331.4 | 8060.7 | 6492.4 | 4820.4 | 3365.7 | 2165.5 | 1401.9 | 973.1 | 710.7 |
| 12.5° | 16215.5 | 15649.6 | 14010.8 | 11457.7 | 9108.2 | 6899.7 | 4820.4 | 3142.5 | 1944.2 | 1213.9 | 816.5 |
| 10° | 29752.5 | 28102.0 | 23422.6 | 16338.8 | 12481.7 | 9108.2 | 6492.4 | 4174.3 | 2494.4 | 1519.3 | 977.0 |
| 7.5° | 62604.4 | 55268.1 | 39896.5 | 26549.3 | 16338.8 | 11457.7 | 8060.7 | 5321.6 | 3207.1 | 1862.0 | 1127.8 |
| 5° | 119047.2 | 104061.3 | 71696.9 | 39896.5 | 23422.6 | 14010.8 | 9331.4 | 6247.7 | 3735.7 | 2114.5 | 1237.4 |
| 2.5° | 176480.7 | 155764.0 | 104061.3 | 55268.1 | 28102.0 | 15649.6 | 10130.3 | 6825.3 | 4064.6 | 2269.2 | 1304.0 |
| 0° | 198111.7 | 176480.7 | 119047.2 | 62604.4 | 29752.5 | 16215.5 | 10404.4 | 7021.1 | 4174.3 | 2322.1 | 1327.5 |



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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° | 17.6 | 17.6 | 15.7 | 15.7 | 15.7 | 15.7 | 13.7 | 13.7 | 13.7 | 11.7 | 11.7 |
| 85° | 43.1 | 43.1 | 41.1 | 39.2 | 37.2 | 37.2 | 35.2 | 33.3 | 31.3 | 29.4 | 25.5 |
| 82.5° | 62.7 | 60.7 | 60.7 | 58.7 | 56.8 | 56.8 | 54.8 | 52.9 | 50.9 | 48.9 | 45.0 |
| 80° | 78.3 | 78.3 | 76.4 | 74.4 | 72.4 | 70.5 | 66.6 | 64.6 | 62.7 | 60.7 | 58.7 |
| 77.5° | 97.9 | 95.9 | 92.0 | 90.1 | 88.1 | 84.2 | 82.2 | 78.3 | 76.4 | 72.4 | 68.5 |
| 75° | 117.5 | 113.6 | 111.6 | 107.7 | 103.8 | 99.9 | 95.9 | 92.0 | 88.1 | 84.2 | 80.3 |
| 72.5° | 137.1 | 133.1 | 131.2 | 125.3 | 121.4 | 117.5 | 111.6 | 107.7 | 103.8 | 97.9 | 92.0 |
| 70° | 160.5 | 156.6 | 150.8 | 146.8 | 141.0 | 135.1 | 129.2 | 123.3 | 117.5 | 111.6 | 105.7 |
| 67.5° | 182.1 | 178.2 | 172.3 | 166.4 | 160.5 | 154.7 | 146.8 | 141.0 | 133.1 | 125.3 | 119.4 |
| 65° | 199.7 | 195.8 | 191.9 | 186.0 | 180.1 | 172.3 | 164.5 | 156.6 | 148.8 | 141.0 | 133.1 |
| 62.5° | 213.4 | 209.5 | 205.6 | 201.7 | 195.8 | 189.9 | 184.0 | 174.3 | 166.4 | 156.6 | 146.8 |
| 60° | 225.2 | 223.2 | 219.3 | 213.4 | 209.5 | 203.6 | 197.7 | 189.9 | 182.1 | 170.3 | 160.5 |
| 57.5° | 233.0 | 231.0 | 229.1 | 225.2 | 221.2 | 215.4 | 209.5 | 201.7 | 193.8 | 186.0 | 174.3 |
| 55° | 238.9 | 236.9 | 234.9 | 233.0 | 229.1 | 225.2 | 219.3 | 213.4 | 205.6 | 197.7 | 188.0 |
| 52.5° | 244.7 | 242.8 | 238.9 | 236.9 | 234.9 | 231.0 | 227.1 | 221.2 | 215.4 | 207.5 | 197.7 |
| 50° | 248.7 | 246.7 | 244.7 | 242.8 | 238.9 | 234.9 | 233.0 | 229.1 | 223.2 | 215.4 | 207.5 |
| 47.5° | 252.6 | 250.6 | 248.7 | 246.7 | 244.7 | 240.8 | 236.9 | 233.0 | 229.1 | 223.2 | 215.4 |
| 45° | 258.4 | 254.5 | 252.6 | 248.7 | 246.7 | 244.7 | 240.8 | 236.9 | 233.0 | 229.1 | 221.2 |
| 42.5° | 266.3 | 260.4 | 258.4 | 254.5 | 250.6 | 248.7 | 244.7 | 240.8 | 236.9 | 233.0 | 227.1 |
| 40° | 276.1 | 270.2 | 264.3 | 258.4 | 254.5 | 250.6 | 248.7 | 244.7 | 240.8 | 234.9 | 231.0 |
| 37.5° | 289.8 | 280.0 | 272.2 | 264.3 | 258.4 | 254.5 | 250.6 | 246.7 | 244.7 | 238.9 | 234.9 |
| 35° | 315.2 | 293.7 | 281.9 | 272.2 | 264.3 | 258.4 | 254.5 | 248.7 | 246.7 | 242.8 | 236.9 |
| 32.5° | 342.6 | 319.1 | 295.6 | 281.9 | 272.2 | 264.3 | 258.4 | 252.6 | 248.7 | 244.7 | 238.9 |
| 30° | 372.0 | 344.6 | 319.1 | 293.7 | 280.0 | 270.2 | 260.4 | 254.5 | 250.6 | 246.7 | 242.8 |
| 27.5° | 399.4 | 372.0 | 342.6 | 315.2 | 289.8 | 276.1 | 266.3 | 258.4 | 252.6 | 248.7 | 244.7 |
| 25° | 421.0 | 395.5 | 366.1 | 334.8 | 305.4 | 283.9 | 272.2 | 262.4 | 254.5 | 250.6 | 246.7 |
| 22.5° | 440.5 | 417.0 | 387.7 | 354.4 | 321.1 | 291.7 | 278.0 | 266.3 | 258.4 | 252.6 | 246.7 |
| 20° | 471.9 | 434.7 | 409.2 | 374.0 | 338.7 | 307.4 | 283.9 | 270.2 | 260.4 | 254.5 | 248.7 |
| 17.5° | 507.1 | 456.2 | 422.9 | 391.6 | 354.4 | 319.1 | 289.8 | 274.1 | 262.4 | 254.5 | 250.6 |
| 15° | 560.0 | 479.7 | 434.7 | 405.3 | 368.1 | 330.9 | 297.6 | 278.0 | 266.3 | 256.5 | 250.6 |
| 12.5° | 607.0 | 505.1 | 450.3 | 417.0 | 379.8 | 342.6 | 305.4 | 281.9 | 268.2 | 258.4 | 252.6 |
| 10° | 689.2 | 540.4 | 466.0 | 424.9 | 391.6 | 350.5 | 313.3 | 285.9 | 270.2 | 260.4 | 252.6 |
| 7.5° | 753.8 | 569.8 | 477.7 | 432.7 | 399.4 | 358.3 | 319.1 | 287.8 | 272.2 | 260.4 | 254.5 |
| 5° | 802.7 | 589.3 | 487.5 | 436.6 | 405.3 | 364.2 | 323.1 | 289.8 | 274.1 | 262.4 | 254.5 |
| 2.5° | 832.1 | 607.0 | 495.4 | 440.5 | 409.2 | 368.1 | 327.0 | 291.7 | 274.1 | 262.4 | 254.5 |
| 0° | 841.9 | 607.0 | 495.4 | 440.5 | 409.2 | 368.1 | 327.0 | 291.7 | 274.1 | 262.4 | 254.5 |



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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° | 11.7 | 9.8 | 9.8 | 9.8 | 7.8 | 7.8 | 5.9 | 5.9 | 5.9 | 3.9 | 3.9 |
| 85° | 23.5 | 21.5 | 19.6 | 17.6 | 15.7 | 15.7 | 13.7 | 11.7 | 9.8 | 7.8 | 5.9 |
| 82.5° | 41.1 | 39.2 | 35.2 | 31.3 | 27.4 | 23.5 | 19.6 | 17.6 | 15.7 | 11.7 | 9.8 |
| 80° | 56.8 | 52.9 | 50.9 | 45.0 | 41.1 | 35.2 | 31.3 | 25.5 | 19.6 | 17.6 | 13.7 |
| 77.5° | 66.6 | 62.7 | 58.7 | 56.8 | 52.9 | 47.0 | 41.1 | 35.2 | 29.4 | 21.5 | 17.6 |
| 75° | 76.4 | 72.4 | 68.5 | 64.6 | 60.7 | 54.8 | 50.9 | 45.0 | 37.2 | 29.4 | 19.6 |
| 72.5° | 88.1 | 82.2 | 78.3 | 72.4 | 66.6 | 62.7 | 56.8 | 52.9 | 45.0 | 35.2 | 25.5 |
| 70° | 99.9 | 94.0 | 86.1 | 80.3 | 74.4 | 68.5 | 62.7 | 56.8 | 50.9 | 41.1 | 31.3 |
| 67.5° | 111.6 | 103.8 | 97.9 | 90.1 | 82.2 | 76.4 | 68.5 | 62.7 | 54.8 | 47.0 | 35.2 |
| 65° | 123.3 | 115.5 | 107.7 | 99.9 | 90.1 | 82.2 | 74.4 | 66.6 | 60.7 | 52.9 | 41.1 |
| 62.5° | 137.1 | 127.3 | 117.5 | 107.7 | 99.9 | 90.1 | 80.3 | 72.4 | 64.6 | 56.8 | 45.0 |
| 60° | 150.8 | 139.0 | 127.3 | 117.5 | 107.7 | 97.9 | 86.1 | 78.3 | 68.5 | 58.7 | 50.9 |
| 57.5° | 162.5 | 150.8 | 139.0 | 127.3 | 115.5 | 103.8 | 94.0 | 82.2 | 72.4 | 62.7 | 52.9 |
| 55° | 176.2 | 162.5 | 150.8 | 137.1 | 123.3 | 111.6 | 99.9 | 88.1 | 76.4 | 66.6 | 56.8 |
| 52.5° | 188.0 | 174.3 | 160.5 | 146.8 | 133.1 | 119.4 | 105.7 | 92.0 | 80.3 | 68.5 | 58.7 |
| 50° | 197.7 | 186.0 | 170.3 | 156.6 | 141.0 | 125.3 | 111.6 | 97.9 | 84.2 | 72.4 | 60.7 |
| 47.5° | 205.6 | 193.8 | 182.1 | 166.4 | 148.8 | 133.1 | 117.5 | 103.8 | 88.1 | 76.4 | 62.7 |
| 45° | 213.4 | 201.7 | 189.9 | 174.3 | 156.6 | 141.0 | 123.3 | 107.7 | 92.0 | 78.3 | 64.6 |
| 42.5° | 219.3 | 209.5 | 197.7 | 184.0 | 164.5 | 146.8 | 129.2 | 111.6 | 95.9 | 82.2 | 66.6 |
| 40° | 225.2 | 215.4 | 203.6 | 189.9 | 172.3 | 154.7 | 135.1 | 117.5 | 99.9 | 84.2 | 70.5 |
| 37.5° | 229.1 | 221.2 | 209.5 | 195.8 | 180.1 | 160.5 | 141.0 | 121.4 | 103.8 | 88.1 | 72.4 |
| 35° | 233.0 | 225.2 | 213.4 | 201.7 | 186.0 | 166.4 | 146.8 | 125.3 | 107.7 | 90.1 | 74.4 |
| 32.5° | 234.9 | 229.1 | 219.3 | 205.6 | 191.9 | 172.3 | 150.8 | 131.2 | 111.6 | 92.0 | 76.4 |
| 30° | 236.9 | 231.0 | 223.2 | 209.5 | 195.8 | 178.2 | 156.6 | 133.1 | 113.6 | 95.9 | 78.3 |
| 27.5° | 238.9 | 233.0 | 225.2 | 213.4 | 199.7 | 182.1 | 160.5 | 137.1 | 117.5 | 97.9 | 78.3 |
| 25° | 240.8 | 234.9 | 229.1 | 217.3 | 203.6 | 186.0 | 164.5 | 141.0 | 119.4 | 99.9 | 80.3 |
| 22.5° | 242.8 | 236.9 | 231.0 | 221.2 | 207.5 | 189.9 | 168.4 | 144.9 | 121.4 | 101.8 | 82.2 |
| 20° | 244.7 | 238.9 | 233.0 | 223.2 | 209.5 | 191.9 | 170.3 | 146.8 | 125.3 | 103.8 | 84.2 |
| 17.5° | 246.7 | 238.9 | 233.0 | 225.2 | 211.5 | 195.8 | 174.3 | 150.8 | 127.3 | 103.8 | 84.2 |
| 15° | 246.7 | 240.8 | 234.9 | 227.1 | 213.4 | 197.7 | 176.2 | 152.7 | 127.3 | 105.7 | 86.1 |
| 12.5° | 246.7 | 242.8 | 234.9 | 227.1 | 215.4 | 199.7 | 178.2 | 154.7 | 129.2 | 107.7 | 86.1 |
| 10° | 248.7 | 242.8 | 234.9 | 229.1 | 217.3 | 201.7 | 180.1 | 156.6 | 131.2 | 107.7 | 86.1 |
| 7.5° | 248.7 | 244.7 | 236.9 | 229.1 | 217.3 | 201.7 | 182.1 | 156.6 | 131.2 | 109.6 | 88.1 |
| 5° | 248.7 | 244.7 | 236.9 | 231.0 | 219.3 | 203.6 | 184.0 | 158.6 | 133.1 | 109.6 | 88.1 |
| 2.5° | 248.7 | 244.7 | 236.9 | 231.0 | 219.3 | 203.6 | 184.0 | 158.6 | 133.1 | 109.6 | 88.1 |
| 0° | 248.7 | 244.7 | 236.9 | 231.0 | 219.3 | 203.6 | 184.0 | 158.6 | 133.1 | 109.6 | 88.1 |



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 CATALOG NUMBER: IFLD-S-SA2C-740-U-22

CANDELA DISTRIBUTION (continued):

| | 82.5° | 85° | 87.5° | 90° |
|-------|-------|------|-------|-----|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 2.0 | 2.0 | 0.0 | 0.0 |
| 85° | 5.9 | 3.9 | 2.0 | 0.0 |
| 82.5° | 7.8 | 5.9 | 2.0 | 0.0 |
| 80° | 9.8 | 5.9 | 3.9 | 0.0 |
| 77.5° | 11.7 | 7.8 | 3.9 | 0.0 |
| 75° | 15.7 | 9.8 | 5.9 | 0.0 |
| 72.5° | 17.6 | 11.7 | 5.9 | 0.0 |
| 70° | 19.6 | 13.7 | 5.9 | 0.0 |
| 67.5° | 23.5 | 15.7 | 7.8 | 0.0 |
| 65° | 27.4 | 15.7 | 7.8 | 0.0 |
| 62.5° | 31.3 | 17.6 | 9.8 | 0.0 |
| 60° | 35.2 | 19.6 | 9.8 | 0.0 |
| 57.5° | 39.2 | 21.5 | 9.8 | 0.0 |
| 55° | 41.1 | 23.5 | 11.7 | 0.0 |
| 52.5° | 45.0 | 25.5 | 11.7 | 0.0 |
| 50° | 48.9 | 29.4 | 11.7 | 0.0 |
| 47.5° | 50.9 | 31.3 | 13.7 | 0.0 |
| 45° | 52.9 | 33.3 | 13.7 | 0.0 |
| 42.5° | 54.8 | 35.2 | 13.7 | 0.0 |
| 40° | 56.8 | 37.2 | 15.7 | 0.0 |
| 37.5° | 56.8 | 37.2 | 15.7 | 0.0 |
| 35° | 58.7 | 39.2 | 15.7 | 0.0 |
| 32.5° | 60.7 | 41.1 | 15.7 | 0.0 |
| 30° | 60.7 | 43.1 | 17.6 | 0.0 |
| 27.5° | 62.7 | 43.1 | 17.6 | 0.0 |
| 25° | 62.7 | 45.0 | 17.6 | 0.0 |
| 22.5° | 64.6 | 47.0 | 17.6 | 0.0 |
| 20° | 64.6 | 47.0 | 17.6 | 0.0 |
| 17.5° | 66.6 | 48.9 | 19.6 | 0.0 |
| 15° | 66.6 | 48.9 | 19.6 | 0.0 |
| 12.5° | 66.6 | 48.9 | 19.6 | 0.0 |
| 10° | 68.5 | 50.9 | 19.6 | 0.0 |
| 7.5° | 68.5 | 50.9 | 19.6 | 0.0 |
| 5° | 68.5 | 50.9 | 19.6 | 0.0 |
| 2.5° | 68.5 | 50.9 | 19.6 | 0.0 |
| 0° | 68.5 | 50.9 | 19.6 | 0.0 |

(END OF REPORT)