

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: P623028

Luminaire Tested: **IFLD-S-SA3C-730-U-33**

Issue Date: 10/13/2022

Test Information

Test Method: LM-79-2019
Report Number: P623028
Test Lab: INNOVATION CENTER(G2)
Issue Date: 10/13/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3C-730-U-33
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 3 distribution lens
Light Source: (48) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

| | | | |
|-------------------|--|----------------------|------------------|
| Lumens per Lamp: | N/A | NEMA Type: | 3H x 3V |
| Luminaire Lumens: | 20069.8 lumens | Max Intensity: | 186752.6 candela |
| Efficiency: | N/A | Max Intensity Angle: | 0°H x 0°V |
| Efficacy: | 124.8 lumens/watt | | |
| Luminous Opening: | Rectangular (W 1.5' x L: 0.5' x H: 0') | | |

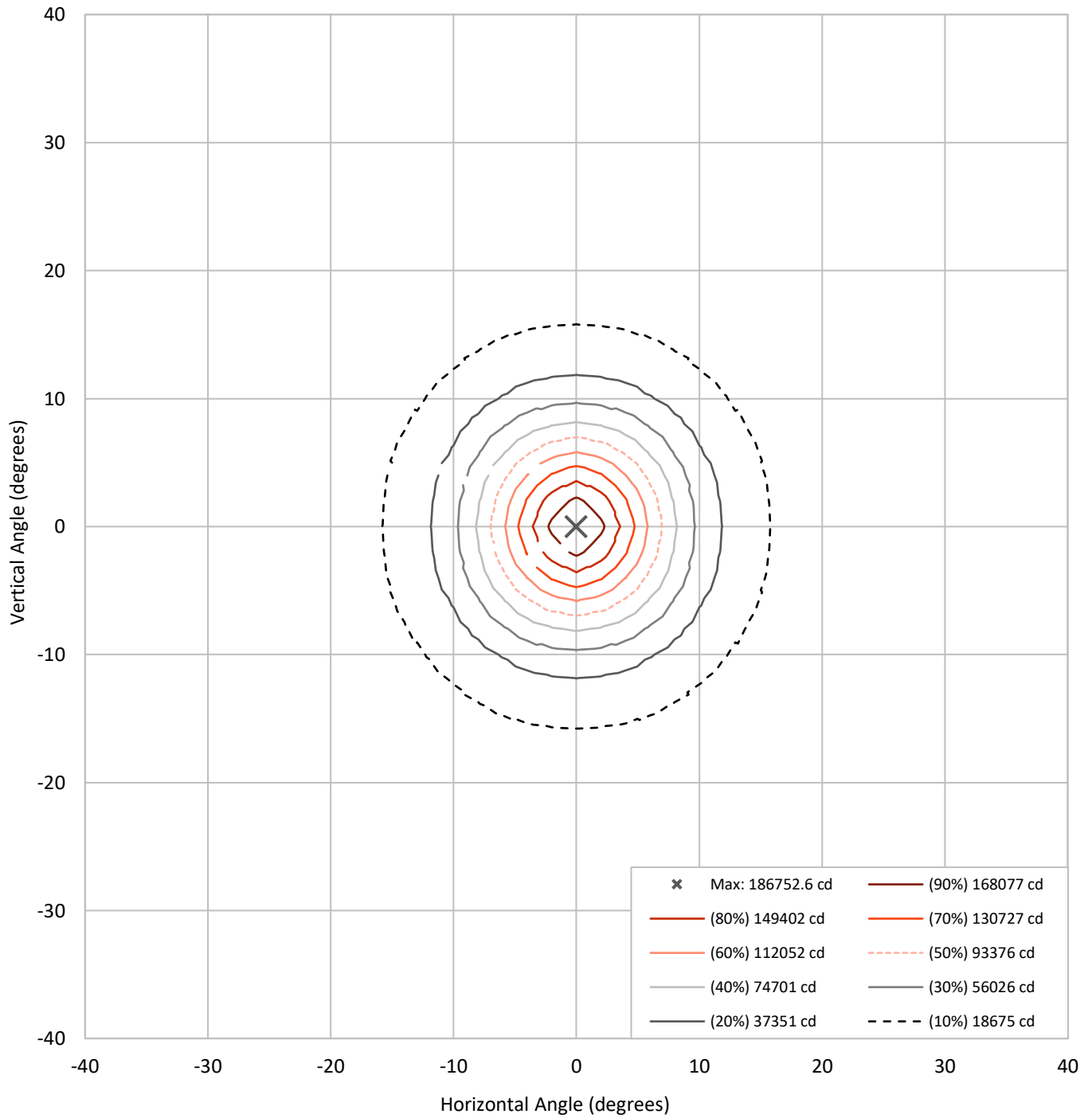
| | | | |
|-------------------|-----------------|--------------------|-----------------|
| Beam Angle (50%): | 13.8°H x 13.8°V | Field Angle (10%): | 31.4°H x 31.4°V |
| Beam Lumens: | 4388.7 lumens | Field Lumens: | 10218.8 lumens |
| Beam Efficiency: | 21.9% | Field Efficiency: | 50.9% |

Input Watts (W): 160.8
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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Iso-Candela Plot





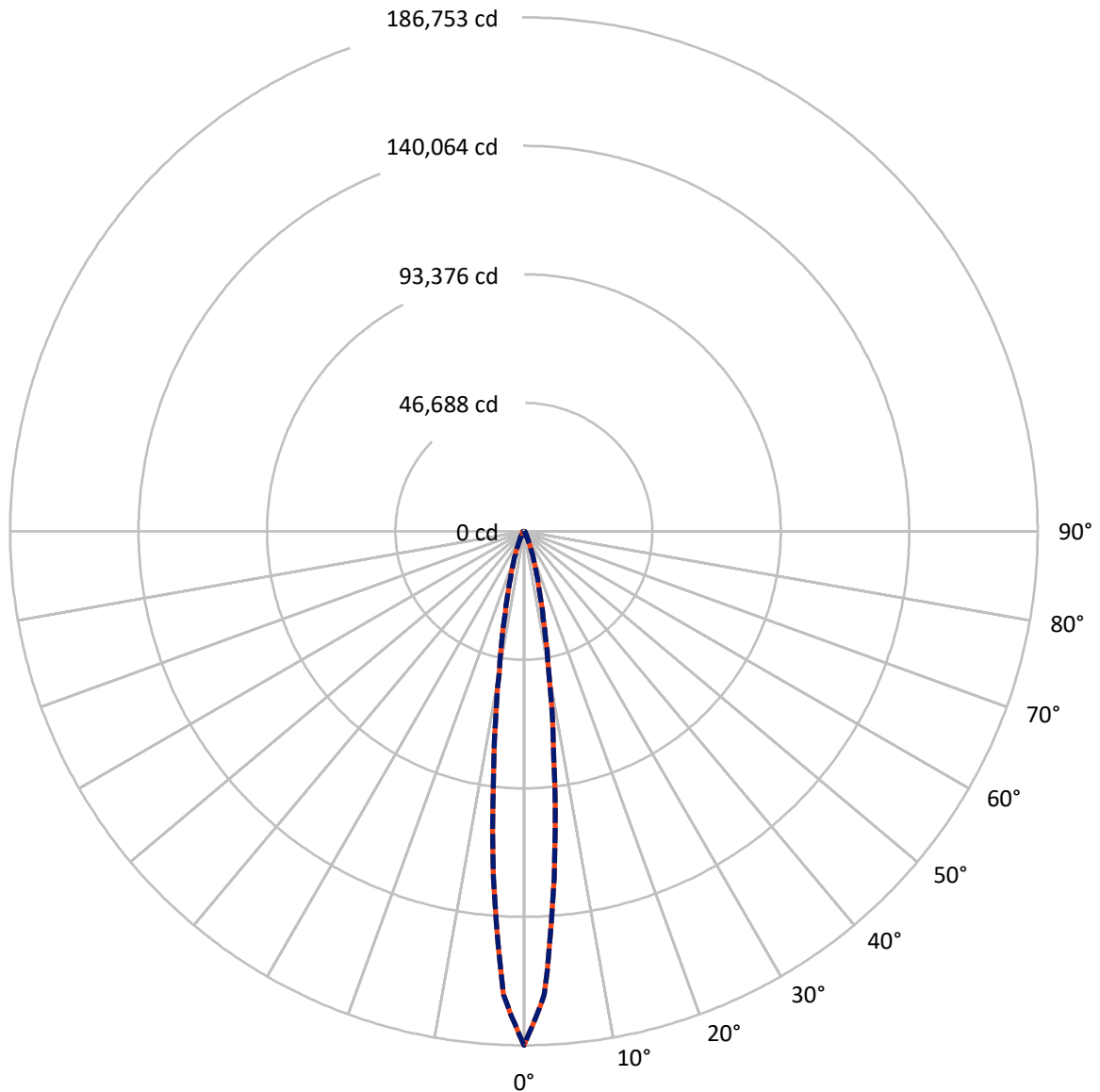
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Lumen Table

| | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|------|------|-------|-------|--------|--------|-------|-------|------|------|-----|-----|-----|
| 90 | 0.3 | 2.6 | | 6.9 | | 11.2 | | 13.0 | | 11.2 | | 6.9 | | 2.6 | | 0.3 |
| 80 | | | | | | | | | | | | | | | | |
| 70 | 1.2 | 1.3 | 2.8 | 4.6 | 6.5 | 8.3 | 9.5 | 10.2 | 10.2 | 9.5 | 8.3 | 6.5 | 4.6 | 2.8 | 1.3 | 1.2 |
| 60 | | 2.1 | 4.3 | 6.9 | 9.6 | 11.9 | 13.7 | 14.7 | 14.7 | 13.7 | 11.9 | 9.6 | 6.9 | 4.3 | 2.1 | |
| 50 | 2.1 | 2.8 | 5.7 | 8.9 | 12.3 | 15.8 | 19.1 | 21.2 | 21.2 | 19.1 | 15.8 | 12.3 | 8.9 | 5.7 | 2.8 | 2.1 |
| 40 | | 3.4 | 6.7 | 10.7 | 15.6 | 22.4 | 30.6 | 37.6 | 37.6 | 30.6 | 22.4 | 15.6 | 10.7 | 6.7 | 3.4 | |
| 30 | 2.9 | 3.9 | 7.6 | 12.4 | 20.3 | 35.7 | 73.0 | 124.9 | 124.9 | 73.0 | 35.7 | 20.3 | 12.4 | 7.6 | 3.9 | 2.9 |
| 20 | | 4.2 | 8.2 | 14.1 | 26.0 | 68.8 | 247.5 | 614.5 | 614.5 | 247.5 | 68.8 | 26.0 | 14.1 | 8.2 | 4.2 | |
| 10 | 3.2 | 4.4 | 8.5 | 15.2 | 31.1 | 114.6 | 598.7 | 2629.0 | 2629.0 | 598.7 | 114.6 | 31.1 | 15.2 | 8.5 | 4.4 | 3.2 |
| 0 | | 4.4 | 8.5 | 15.2 | 31.1 | 114.6 | 598.7 | 2629.0 | 2629.0 | 598.7 | 114.6 | 31.1 | 15.2 | 8.5 | 4.4 | |
| -10 | 2.9 | 4.2 | 8.2 | 14.1 | 26.0 | 68.8 | 247.5 | 614.5 | 614.5 | 247.5 | 68.8 | 26.0 | 14.1 | 8.2 | 4.2 | 2.9 |
| -20 | | 3.9 | 7.6 | 12.4 | 20.3 | 35.7 | 73.0 | 124.9 | 124.9 | 73.0 | 35.7 | 20.3 | 12.4 | 7.6 | 3.9 | |
| -30 | 2.1 | 3.4 | 6.7 | 10.7 | 15.6 | 22.4 | 30.6 | 37.6 | 37.6 | 30.6 | 22.4 | 15.6 | 10.7 | 6.7 | 3.4 | 2.1 |
| -40 | | 2.8 | 5.7 | 8.9 | 12.3 | 15.8 | 19.1 | 21.2 | 21.2 | 19.1 | 15.8 | 12.3 | 8.9 | 5.7 | 2.8 | |
| -50 | 1.2 | 2.1 | 4.3 | 6.9 | 9.6 | 11.9 | 13.7 | 14.7 | 14.7 | 13.7 | 11.9 | 9.6 | 6.9 | 4.3 | 2.1 | 1.2 |
| -60 | | 1.3 | 2.8 | 4.6 | 6.5 | 8.3 | 9.5 | 10.2 | 10.2 | 9.5 | 8.3 | 6.5 | 4.6 | 2.8 | 1.3 | |
| -70 | | | | | | | | | | | | | | | | |
| -80 | 0.3 | 2.6 | | 6.9 | | 11.2 | | 13.0 | | 11.2 | | 6.9 | | 2.6 | | 0.3 |
| -90 | | | | | | | | | | | | | | | | |

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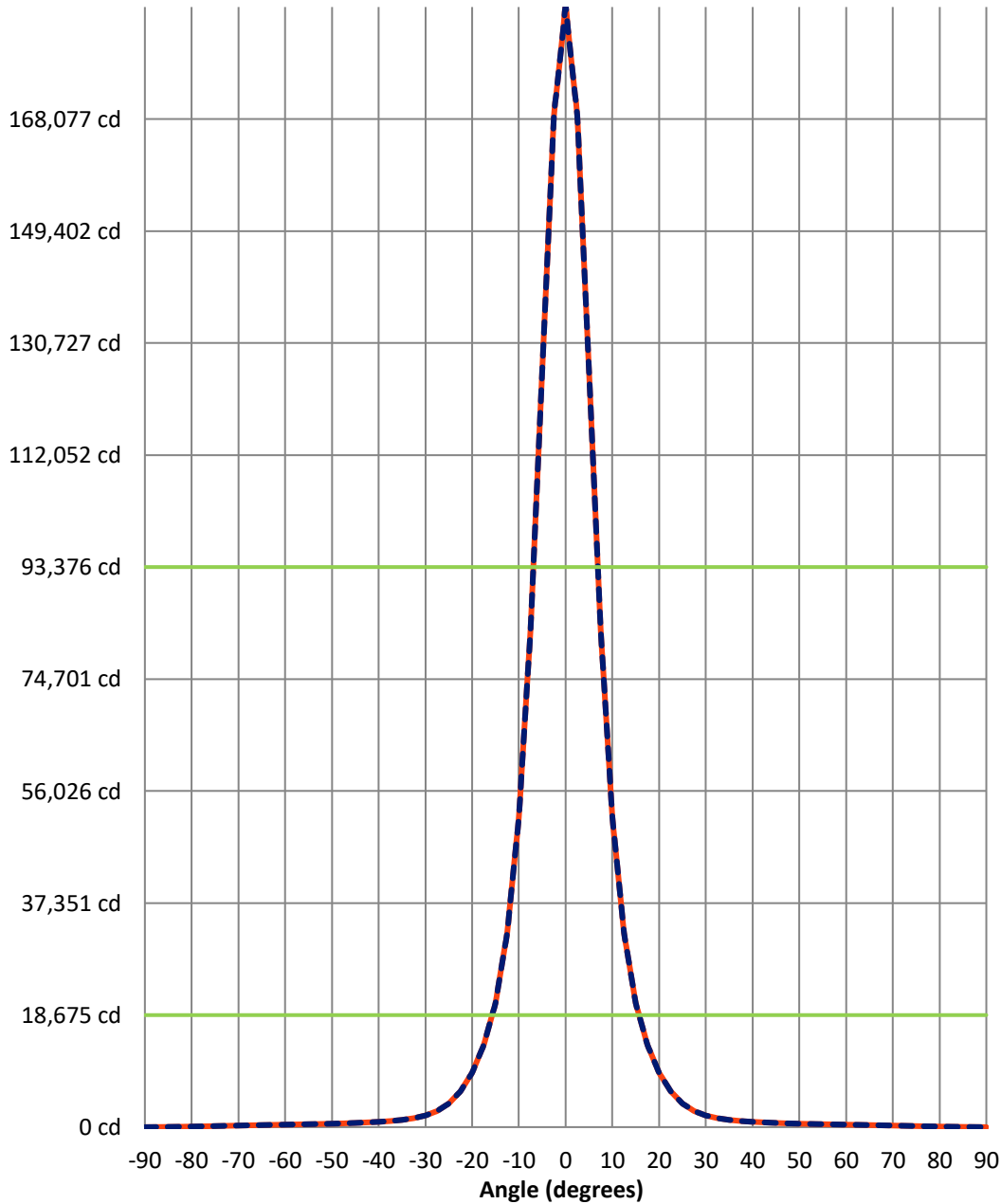
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 13.8°
V Angle: 13.8°
Lumens: 4388.7
Efficiency: 21.9%

Field:
H Angle: 31.4°
V Angle: 31.4°
Lumens: 10218.8
Efficiency: 50.9%

Spill:
Lumens: 9851
Efficiency: 49.1%

— 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° | 16.7 | 16.7 | 16.7 | 16.7 | 16.7 | 16.7 | 16.7 | 16.7 | 16.7 | 14.6 | 14.6 |
| 85° | 37.6 | 37.6 | 37.6 | 37.6 | 37.6 | 37.6 | 35.5 | 35.5 | 35.5 | 33.4 | 33.4 |
| 82.5° | 62.6 | 62.6 | 62.6 | 62.6 | 60.5 | 60.5 | 60.5 | 58.5 | 58.5 | 56.4 | 56.4 |
| 80° | 96.0 | 96.0 | 96.0 | 96.0 | 94.0 | 91.9 | 91.9 | 89.8 | 87.7 | 85.6 | 83.5 |
| 77.5° | 131.5 | 131.5 | 131.5 | 129.5 | 129.5 | 127.4 | 125.3 | 123.2 | 121.1 | 116.9 | 114.8 |
| 75° | 173.3 | 173.3 | 173.3 | 171.2 | 169.1 | 167.0 | 164.9 | 160.8 | 158.7 | 154.5 | 150.3 |
| 72.5° | 217.1 | 217.1 | 217.1 | 215.1 | 213.0 | 208.8 | 206.7 | 202.5 | 198.4 | 192.1 | 187.9 |
| 70° | 258.9 | 258.9 | 258.9 | 256.8 | 252.6 | 250.6 | 246.4 | 242.2 | 238.0 | 231.8 | 225.5 |
| 67.5° | 300.7 | 300.7 | 300.7 | 296.5 | 294.4 | 292.3 | 288.1 | 281.9 | 277.7 | 271.4 | 263.1 |
| 65° | 340.3 | 340.3 | 338.2 | 336.2 | 334.1 | 329.9 | 325.7 | 321.5 | 315.3 | 309.0 | 300.7 |
| 62.5° | 380.0 | 380.0 | 377.9 | 375.8 | 373.7 | 369.6 | 363.3 | 359.1 | 350.8 | 344.5 | 336.2 |
| 60° | 413.4 | 413.4 | 411.3 | 409.2 | 407.1 | 403.0 | 398.8 | 392.5 | 386.3 | 380.0 | 371.7 |
| 57.5° | 448.9 | 448.9 | 446.8 | 444.7 | 440.6 | 436.4 | 432.2 | 425.9 | 417.6 | 409.2 | 403.0 |
| 55° | 488.6 | 488.6 | 486.5 | 482.3 | 478.1 | 474.0 | 467.7 | 459.3 | 451.0 | 442.6 | 432.2 |
| 52.5° | 526.2 | 526.2 | 524.1 | 519.9 | 515.7 | 511.5 | 503.2 | 496.9 | 486.5 | 476.0 | 463.5 |
| 50° | 572.1 | 572.1 | 567.9 | 563.7 | 559.6 | 551.2 | 542.9 | 532.4 | 522.0 | 509.5 | 499.0 |
| 47.5° | 624.3 | 624.3 | 620.1 | 615.9 | 607.6 | 599.2 | 586.7 | 574.2 | 561.7 | 547.0 | 530.3 |
| 45° | 697.4 | 697.4 | 691.1 | 682.8 | 672.3 | 657.7 | 641.0 | 624.3 | 605.5 | 588.8 | 570.0 |
| 42.5° | 787.1 | 787.1 | 778.8 | 768.4 | 753.7 | 735.0 | 712.0 | 689.0 | 664.0 | 636.8 | 611.8 |
| 40° | 881.1 | 881.1 | 870.7 | 860.2 | 843.5 | 820.6 | 795.5 | 766.3 | 735.0 | 699.5 | 668.1 |
| 37.5° | 1010.6 | 1010.6 | 995.9 | 977.2 | 952.1 | 920.8 | 883.2 | 849.8 | 814.3 | 774.6 | 732.9 |
| 35° | 1202.6 | 1202.6 | 1179.7 | 1148.4 | 1108.7 | 1056.5 | 1000.1 | 952.1 | 897.8 | 849.8 | 803.9 |
| 32.5° | 1486.6 | 1486.6 | 1446.9 | 1401.0 | 1334.2 | 1250.7 | 1169.2 | 1092.0 | 1010.6 | 941.7 | 874.8 |
| 30° | 1933.4 | 1933.4 | 1866.6 | 1783.1 | 1670.3 | 1526.3 | 1405.2 | 1279.9 | 1160.9 | 1060.7 | 968.8 |
| 27.5° | 2676.7 | 2645.4 | 2553.5 | 2401.1 | 2192.3 | 1933.4 | 1747.6 | 1536.7 | 1369.7 | 1206.8 | 1087.8 |
| 25° | 3929.5 | 3871.0 | 3697.7 | 3411.7 | 3025.4 | 2597.4 | 2259.1 | 1900.0 | 1645.3 | 1413.5 | 1227.7 |
| 22.5° | 5965.2 | 5858.7 | 5541.4 | 5023.6 | 4324.1 | 3639.3 | 3015.0 | 2461.7 | 2006.5 | 1682.9 | 1413.5 |
| 20° | 9063.7 | 8877.9 | 8330.8 | 7445.6 | 6251.3 | 5192.7 | 4079.8 | 3259.3 | 2530.6 | 2006.5 | 1645.3 |
| 17.5° | 13719.8 | 13398.2 | 12456.6 | 10938.7 | 9063.7 | 7339.1 | 5643.7 | 4292.8 | 3259.3 | 2461.7 | 1900.0 |
| 15° | 20685.1 | 20121.4 | 18476.1 | 15859.9 | 12855.4 | 10120.2 | 7712.8 | 5643.7 | 4079.8 | 3015.0 | 2259.1 |
| 12.5° | 32379.6 | 31239.6 | 27944.8 | 22806.4 | 18016.7 | 13521.4 | 10120.2 | 7339.1 | 5192.7 | 3639.3 | 2597.4 |
| 10° | 51701.3 | 49346.1 | 42666.8 | 32557.1 | 24867.2 | 18016.7 | 12855.4 | 9063.7 | 6251.3 | 4324.1 | 3025.4 |
| 7.5° | 83020.2 | 77965.3 | 64153.7 | 47130.8 | 32557.1 | 22806.4 | 15859.9 | 10938.7 | 7445.6 | 5023.6 | 3411.7 |
| 5° | 126217.3 | 116044.9 | 90509.6 | 64153.7 | 42666.8 | 27944.8 | 18476.1 | 12456.6 | 8330.8 | 5541.4 | 3697.7 |
| 2.5° | 168568.9 | 151036.5 | 116044.9 | 77965.3 | 49346.1 | 31239.6 | 20121.4 | 13398.2 | 8877.9 | 5858.7 | 3871.0 |
| 0° | 186752.6 | 168568.9 | 126217.3 | 83020.2 | 51701.3 | 32379.6 | 20685.1 | 13719.8 | 9063.7 | 5965.2 | 3929.5 |



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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° | 14.6 | 14.6 | 14.6 | 14.6 | 12.5 | 12.5 | 12.5 | 12.5 | 10.4 | 10.4 | 10.4 |
| 85° | 33.4 | 31.3 | 31.3 | 29.2 | 29.2 | 27.1 | 27.1 | 25.1 | 25.1 | 23.0 | 20.9 |
| 82.5° | 54.3 | 52.2 | 50.1 | 48.0 | 48.0 | 45.9 | 43.8 | 39.7 | 37.6 | 35.5 | 33.4 |
| 80° | 81.4 | 77.3 | 75.2 | 71.0 | 68.9 | 64.7 | 60.5 | 58.5 | 54.3 | 52.2 | 48.0 |
| 77.5° | 110.7 | 106.5 | 104.4 | 98.1 | 94.0 | 89.8 | 85.6 | 79.3 | 75.2 | 68.9 | 62.6 |
| 75° | 144.1 | 139.9 | 133.6 | 127.4 | 123.2 | 116.9 | 110.7 | 104.4 | 96.0 | 89.8 | 83.5 |
| 72.5° | 181.6 | 175.4 | 169.1 | 160.8 | 152.4 | 146.2 | 135.7 | 127.4 | 121.1 | 112.7 | 104.4 |
| 70° | 219.2 | 213.0 | 204.6 | 196.3 | 185.8 | 177.5 | 167.0 | 156.6 | 146.2 | 135.7 | 125.3 |
| 67.5° | 256.8 | 248.5 | 240.1 | 229.7 | 219.2 | 208.8 | 198.4 | 185.8 | 173.3 | 160.8 | 148.2 |
| 65° | 292.3 | 284.0 | 273.5 | 263.1 | 252.6 | 240.1 | 227.6 | 215.1 | 200.4 | 185.8 | 173.3 |
| 62.5° | 327.8 | 317.4 | 306.9 | 296.5 | 284.0 | 271.4 | 258.9 | 242.2 | 227.6 | 213.0 | 196.3 |
| 60° | 361.2 | 350.8 | 340.3 | 327.8 | 315.3 | 300.7 | 286.0 | 271.4 | 254.7 | 238.0 | 221.3 |
| 57.5° | 392.5 | 382.1 | 371.7 | 357.0 | 344.5 | 329.9 | 313.2 | 298.6 | 279.8 | 263.1 | 244.3 |
| 55° | 421.8 | 411.3 | 398.8 | 386.3 | 373.7 | 357.0 | 340.3 | 323.6 | 304.8 | 286.0 | 265.2 |
| 52.5° | 451.0 | 438.5 | 425.9 | 413.4 | 398.8 | 384.2 | 367.5 | 348.7 | 329.9 | 309.0 | 288.1 |
| 50° | 484.4 | 469.8 | 453.1 | 438.5 | 421.8 | 407.1 | 390.4 | 371.7 | 352.9 | 329.9 | 309.0 |
| 47.5° | 515.7 | 501.1 | 484.4 | 465.6 | 448.9 | 430.1 | 411.3 | 394.6 | 373.7 | 352.9 | 329.9 |
| 45° | 551.2 | 530.3 | 513.6 | 494.8 | 474.0 | 453.1 | 434.3 | 413.4 | 394.6 | 371.7 | 348.7 |
| 42.5° | 588.8 | 565.8 | 542.9 | 519.9 | 501.1 | 478.1 | 455.2 | 434.3 | 411.3 | 390.4 | 367.5 |
| 40° | 632.6 | 605.5 | 576.3 | 551.2 | 526.2 | 503.2 | 478.1 | 453.1 | 430.1 | 407.1 | 384.2 |
| 37.5° | 689.0 | 651.4 | 613.9 | 582.5 | 553.3 | 526.2 | 501.1 | 474.0 | 448.9 | 421.8 | 398.8 |
| 35° | 755.8 | 703.6 | 659.8 | 615.9 | 582.5 | 551.2 | 519.9 | 494.8 | 465.6 | 438.5 | 413.4 |
| 32.5° | 822.6 | 766.3 | 709.9 | 659.8 | 613.9 | 576.3 | 542.9 | 513.6 | 484.4 | 453.1 | 425.9 |
| 30° | 891.5 | 828.9 | 766.3 | 703.6 | 651.4 | 605.5 | 565.8 | 530.3 | 501.1 | 469.8 | 438.5 |
| 27.5° | 979.2 | 891.5 | 822.6 | 755.8 | 689.0 | 632.6 | 588.8 | 551.2 | 515.7 | 484.4 | 451.0 |
| 25° | 1087.8 | 968.8 | 874.8 | 803.9 | 732.9 | 668.1 | 611.8 | 570.0 | 530.3 | 499.0 | 463.5 |
| 22.5° | 1206.8 | 1060.7 | 941.7 | 849.8 | 774.6 | 699.5 | 636.8 | 588.8 | 547.0 | 509.5 | 476.0 |
| 20° | 1369.7 | 1160.9 | 1010.6 | 897.8 | 814.3 | 735.0 | 664.0 | 605.5 | 561.7 | 522.0 | 486.5 |
| 17.5° | 1536.7 | 1279.9 | 1092.0 | 952.1 | 849.8 | 766.3 | 689.0 | 624.3 | 574.2 | 532.4 | 496.9 |
| 15° | 1747.6 | 1405.2 | 1169.2 | 1000.1 | 883.2 | 795.5 | 712.0 | 641.0 | 586.7 | 542.9 | 503.2 |
| 12.5° | 1933.4 | 1526.3 | 1250.7 | 1056.5 | 920.8 | 820.6 | 735.0 | 657.7 | 599.2 | 551.2 | 511.5 |
| 10° | 2192.3 | 1670.3 | 1334.2 | 1108.7 | 952.1 | 843.5 | 753.7 | 672.3 | 607.6 | 559.6 | 515.7 |
| 7.5° | 2401.1 | 1783.1 | 1401.0 | 1148.4 | 977.2 | 860.2 | 768.4 | 682.8 | 615.9 | 563.7 | 519.9 |
| 5° | 2553.5 | 1866.6 | 1446.9 | 1179.7 | 995.9 | 870.7 | 778.8 | 691.1 | 620.1 | 567.9 | 524.1 |
| 2.5° | 2645.4 | 1933.4 | 1486.6 | 1202.6 | 1010.6 | 881.1 | 787.1 | 697.4 | 624.3 | 572.1 | 526.2 |
| 0° | 2676.7 | 1933.4 | 1486.6 | 1202.6 | 1010.6 | 881.1 | 787.1 | 697.4 | 624.3 | 572.1 | 526.2 |



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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° | 10.4 | 8.4 | 8.4 | 8.4 | 6.3 | 6.3 | 6.3 | 4.2 | 4.2 | 4.2 | 2.1 |
| 85° | 18.8 | 18.8 | 16.7 | 14.6 | 14.6 | 12.5 | 10.4 | 10.4 | 8.4 | 6.3 | 6.3 |
| 82.5° | 31.3 | 29.2 | 27.1 | 25.1 | 23.0 | 18.8 | 16.7 | 14.6 | 12.5 | 10.4 | 8.4 |
| 80° | 43.8 | 41.8 | 37.6 | 33.4 | 31.3 | 27.1 | 25.1 | 20.9 | 16.7 | 14.6 | 12.5 |
| 77.5° | 58.5 | 54.3 | 50.1 | 45.9 | 39.7 | 35.5 | 31.3 | 27.1 | 23.0 | 18.8 | 14.6 |
| 75° | 77.3 | 68.9 | 62.6 | 56.4 | 50.1 | 43.8 | 37.6 | 33.4 | 27.1 | 23.0 | 16.7 |
| 72.5° | 96.0 | 87.7 | 77.3 | 68.9 | 60.5 | 54.3 | 45.9 | 39.7 | 33.4 | 27.1 | 20.9 |
| 70° | 114.8 | 104.4 | 94.0 | 83.5 | 73.1 | 62.6 | 54.3 | 45.9 | 37.6 | 31.3 | 25.1 |
| 67.5° | 133.6 | 123.2 | 110.7 | 98.1 | 87.7 | 75.2 | 62.6 | 54.3 | 43.8 | 35.5 | 27.1 |
| 65° | 156.6 | 142.0 | 127.4 | 114.8 | 100.2 | 87.7 | 73.1 | 60.5 | 50.1 | 39.7 | 31.3 |
| 62.5° | 179.6 | 162.9 | 146.2 | 129.5 | 114.8 | 98.1 | 83.5 | 68.9 | 56.4 | 45.9 | 33.4 |
| 60° | 202.5 | 183.7 | 164.9 | 146.2 | 127.4 | 110.7 | 94.0 | 77.3 | 62.6 | 50.1 | 37.6 |
| 57.5° | 225.5 | 204.6 | 183.7 | 162.9 | 142.0 | 123.2 | 104.4 | 87.7 | 68.9 | 54.3 | 41.8 |
| 55° | 246.4 | 225.5 | 202.5 | 179.6 | 156.6 | 133.6 | 114.8 | 96.0 | 77.3 | 58.5 | 43.8 |
| 52.5° | 265.2 | 244.3 | 221.3 | 196.3 | 173.3 | 148.2 | 125.3 | 104.4 | 83.5 | 62.6 | 48.0 |
| 50° | 286.0 | 263.1 | 238.0 | 213.0 | 185.8 | 160.8 | 135.7 | 112.7 | 89.8 | 68.9 | 52.2 |
| 47.5° | 304.8 | 279.8 | 254.7 | 227.6 | 200.4 | 173.3 | 146.2 | 121.1 | 96.0 | 75.2 | 54.3 |
| 45° | 323.6 | 298.6 | 271.4 | 242.2 | 215.1 | 185.8 | 156.6 | 127.4 | 104.4 | 79.3 | 58.5 |
| 42.5° | 340.3 | 313.2 | 286.0 | 258.9 | 227.6 | 198.4 | 167.0 | 135.7 | 110.7 | 85.6 | 60.5 |
| 40° | 357.0 | 329.9 | 300.7 | 271.4 | 240.1 | 208.8 | 177.5 | 146.2 | 116.9 | 89.8 | 64.7 |
| 37.5° | 373.7 | 344.5 | 315.3 | 284.0 | 252.6 | 219.2 | 185.8 | 152.4 | 123.2 | 94.0 | 68.9 |
| 35° | 386.3 | 357.0 | 327.8 | 296.5 | 263.1 | 229.7 | 196.3 | 160.8 | 127.4 | 98.1 | 71.0 |
| 32.5° | 398.8 | 371.7 | 340.3 | 306.9 | 273.5 | 240.1 | 204.6 | 169.1 | 133.6 | 104.4 | 75.2 |
| 30° | 411.3 | 382.1 | 350.8 | 317.4 | 284.0 | 248.5 | 213.0 | 175.4 | 139.9 | 106.5 | 77.3 |
| 27.5° | 421.8 | 392.5 | 361.2 | 327.8 | 292.3 | 256.8 | 219.2 | 181.6 | 144.1 | 110.7 | 81.4 |
| 25° | 432.2 | 403.0 | 371.7 | 336.2 | 300.7 | 263.1 | 225.5 | 187.9 | 150.3 | 114.8 | 83.5 |
| 22.5° | 442.6 | 409.2 | 380.0 | 344.5 | 309.0 | 271.4 | 231.8 | 192.1 | 154.5 | 116.9 | 85.6 |
| 20° | 451.0 | 417.6 | 386.3 | 350.8 | 315.3 | 277.7 | 238.0 | 198.4 | 158.7 | 121.1 | 87.7 |
| 17.5° | 459.3 | 425.9 | 392.5 | 359.1 | 321.5 | 281.9 | 242.2 | 202.5 | 160.8 | 123.2 | 89.8 |
| 15° | 467.7 | 432.2 | 398.8 | 363.3 | 325.7 | 288.1 | 246.4 | 206.7 | 164.9 | 125.3 | 91.9 |
| 12.5° | 474.0 | 436.4 | 403.0 | 369.6 | 329.9 | 292.3 | 250.6 | 208.8 | 167.0 | 127.4 | 91.9 |
| 10° | 478.1 | 440.6 | 407.1 | 373.7 | 334.1 | 294.4 | 252.6 | 213.0 | 169.1 | 129.5 | 94.0 |
| 7.5° | 482.3 | 444.7 | 409.2 | 375.8 | 336.2 | 296.5 | 256.8 | 215.1 | 171.2 | 129.5 | 96.0 |
| 5° | 486.5 | 446.8 | 411.3 | 377.9 | 338.2 | 300.7 | 258.9 | 217.1 | 173.3 | 131.5 | 96.0 |
| 2.5° | 488.6 | 448.9 | 413.4 | 380.0 | 340.3 | 300.7 | 258.9 | 217.1 | 173.3 | 131.5 | 96.0 |
| 0° | 488.6 | 448.9 | 413.4 | 380.0 | 340.3 | 300.7 | 258.9 | 217.1 | 173.3 | 131.5 | 96.0 |



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 CATALOG NUMBER: IFLD-S-SA3C-730-U-33

CANDELA DISTRIBUTION (continued):

| | 82.5° | 85° | 87.5° | 90° |
|-------|-------|------|-------|-----|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 2.1 | 2.1 | 0.0 | 0.0 |
| 85° | 4.2 | 2.1 | 2.1 | 0.0 |
| 82.5° | 6.3 | 4.2 | 2.1 | 0.0 |
| 80° | 8.4 | 6.3 | 2.1 | 0.0 |
| 77.5° | 10.4 | 6.3 | 4.2 | 0.0 |
| 75° | 12.5 | 8.4 | 4.2 | 0.0 |
| 72.5° | 14.6 | 10.4 | 4.2 | 0.0 |
| 70° | 16.7 | 10.4 | 6.3 | 0.0 |
| 67.5° | 18.8 | 12.5 | 6.3 | 0.0 |
| 65° | 23.0 | 14.6 | 6.3 | 0.0 |
| 62.5° | 25.1 | 14.6 | 8.4 | 0.0 |
| 60° | 27.1 | 16.7 | 8.4 | 0.0 |
| 57.5° | 29.2 | 18.8 | 8.4 | 0.0 |
| 55° | 31.3 | 18.8 | 10.4 | 0.0 |
| 52.5° | 33.4 | 20.9 | 10.4 | 0.0 |
| 50° | 35.5 | 23.0 | 10.4 | 0.0 |
| 47.5° | 37.6 | 25.1 | 10.4 | 0.0 |
| 45° | 39.7 | 25.1 | 12.5 | 0.0 |
| 42.5° | 43.8 | 27.1 | 12.5 | 0.0 |
| 40° | 45.9 | 27.1 | 12.5 | 0.0 |
| 37.5° | 48.0 | 29.2 | 12.5 | 0.0 |
| 35° | 48.0 | 29.2 | 14.6 | 0.0 |
| 32.5° | 50.1 | 31.3 | 14.6 | 0.0 |
| 30° | 52.2 | 31.3 | 14.6 | 0.0 |
| 27.5° | 54.3 | 33.4 | 14.6 | 0.0 |
| 25° | 56.4 | 33.4 | 14.6 | 0.0 |
| 22.5° | 56.4 | 33.4 | 14.6 | 0.0 |
| 20° | 58.5 | 35.5 | 16.7 | 0.0 |
| 17.5° | 58.5 | 35.5 | 16.7 | 0.0 |
| 15° | 60.5 | 35.5 | 16.7 | 0.0 |
| 12.5° | 60.5 | 37.6 | 16.7 | 0.0 |
| 10° | 60.5 | 37.6 | 16.7 | 0.0 |
| 7.5° | 62.6 | 37.6 | 16.7 | 0.0 |
| 5° | 62.6 | 37.6 | 16.7 | 0.0 |
| 2.5° | 62.6 | 37.6 | 16.7 | 0.0 |
| 0° | 62.6 | 37.6 | 16.7 | 0.0 |

(END OF REPORT)