

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: P628519

Luminaire Tested: **IFLD-L-SA7B-940-U-LAM**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P628519
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7B-940-U-LAM
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/
Lambertian distribution lens
Light Source: (112) 4000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

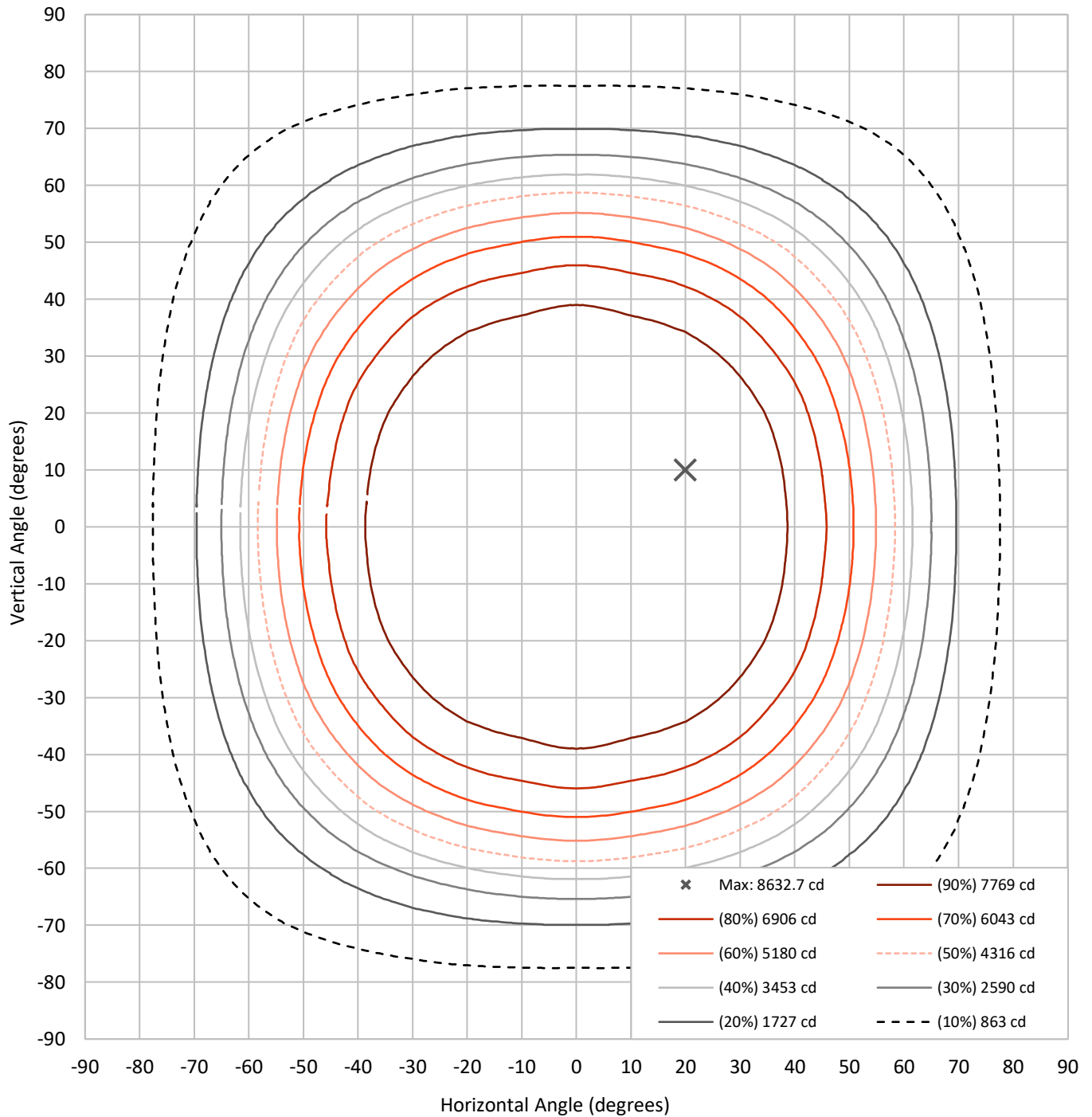
| | | | |
|-------------------|------------------------------------|----------------------|-----------------|
| Lumens per Lamp: | N/A | NEMA Type: | 7H x 7V |
| Luminaire Lumens: | 26484 lumens | Max Intensity: | 8632.7 candela |
| Efficiency: | N/A | Max Intensity Angle: | 20°H x 10°V |
| Efficacy: | 94.2 lumens/watt | | |
| Luminous Opening: | Rectangular (W 2' x L: 1' x H: 0') | | |
| Beam Angle (50%): | 115.7°H x 112.9°V | Field Angle (10%): | 154.7°H x 154°V |
| Beam Lumens: | 16251.1 lumens | Field Lumens: | 19482.3 lumens |
| Beam Efficiency: | 61.4% | Field Efficiency: | 73.6% |

Input Watts (W): 281
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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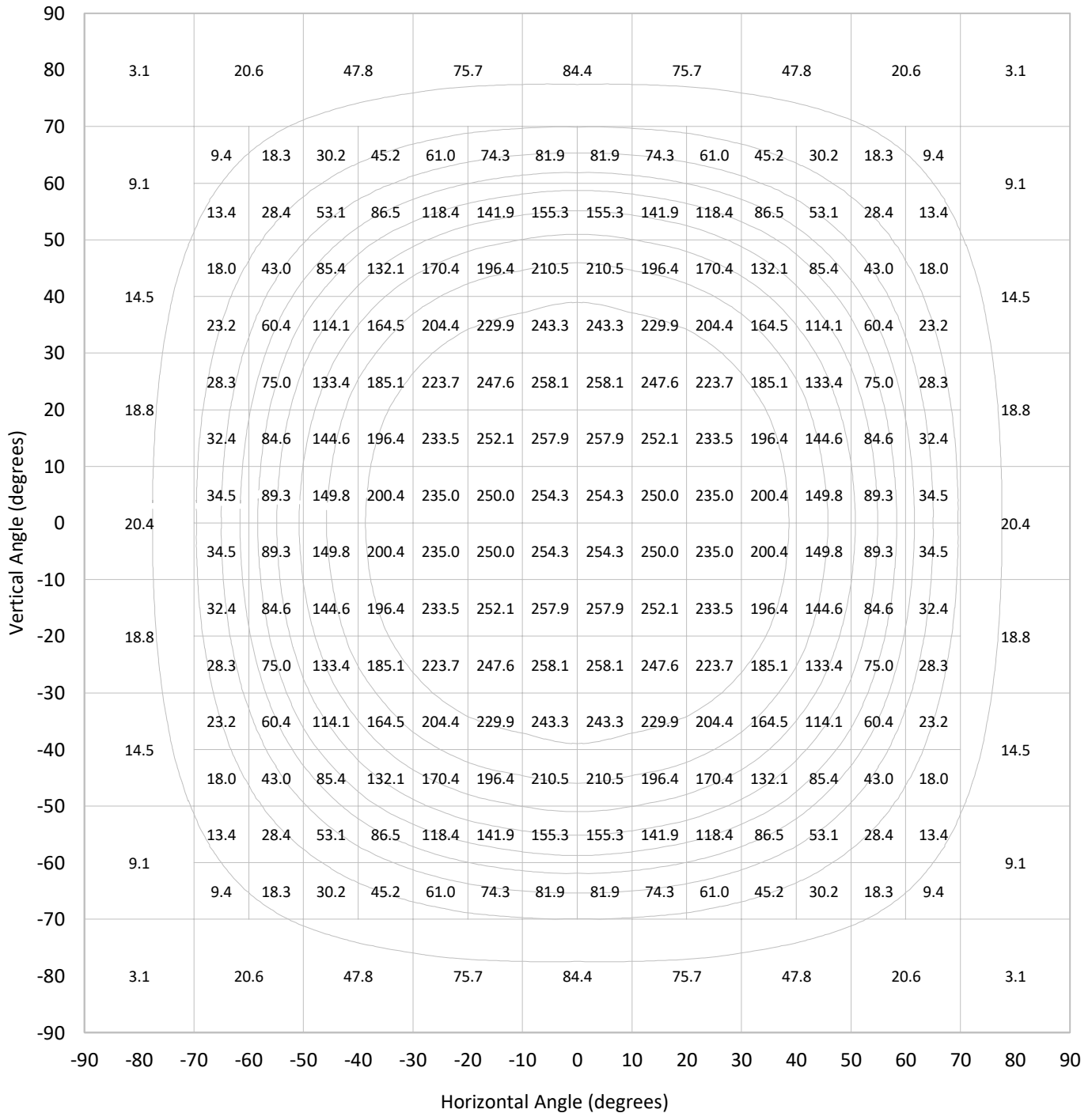
Iso-Candela Plot





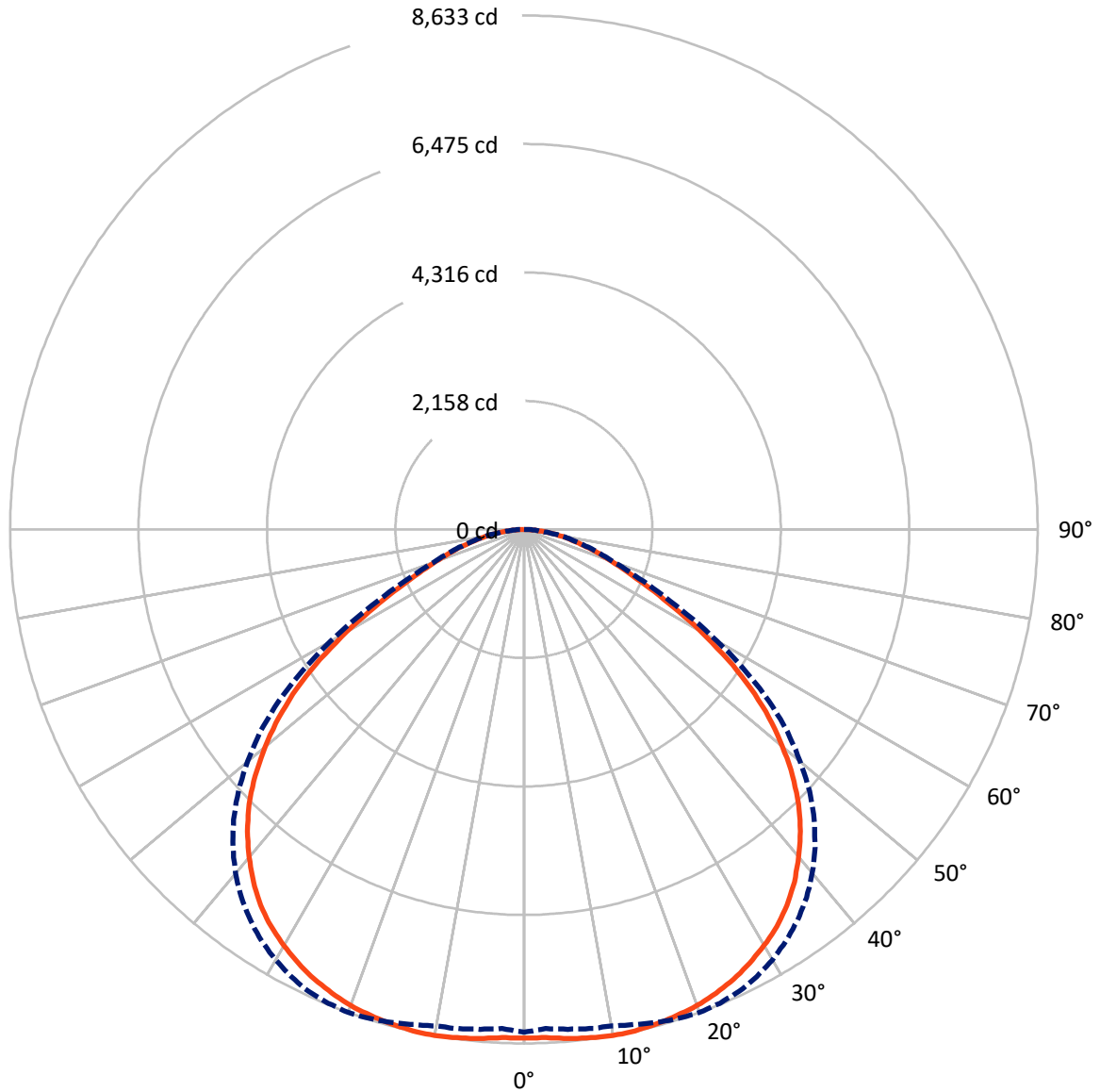
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Lumen Table



REPORT NUMBER: P628519
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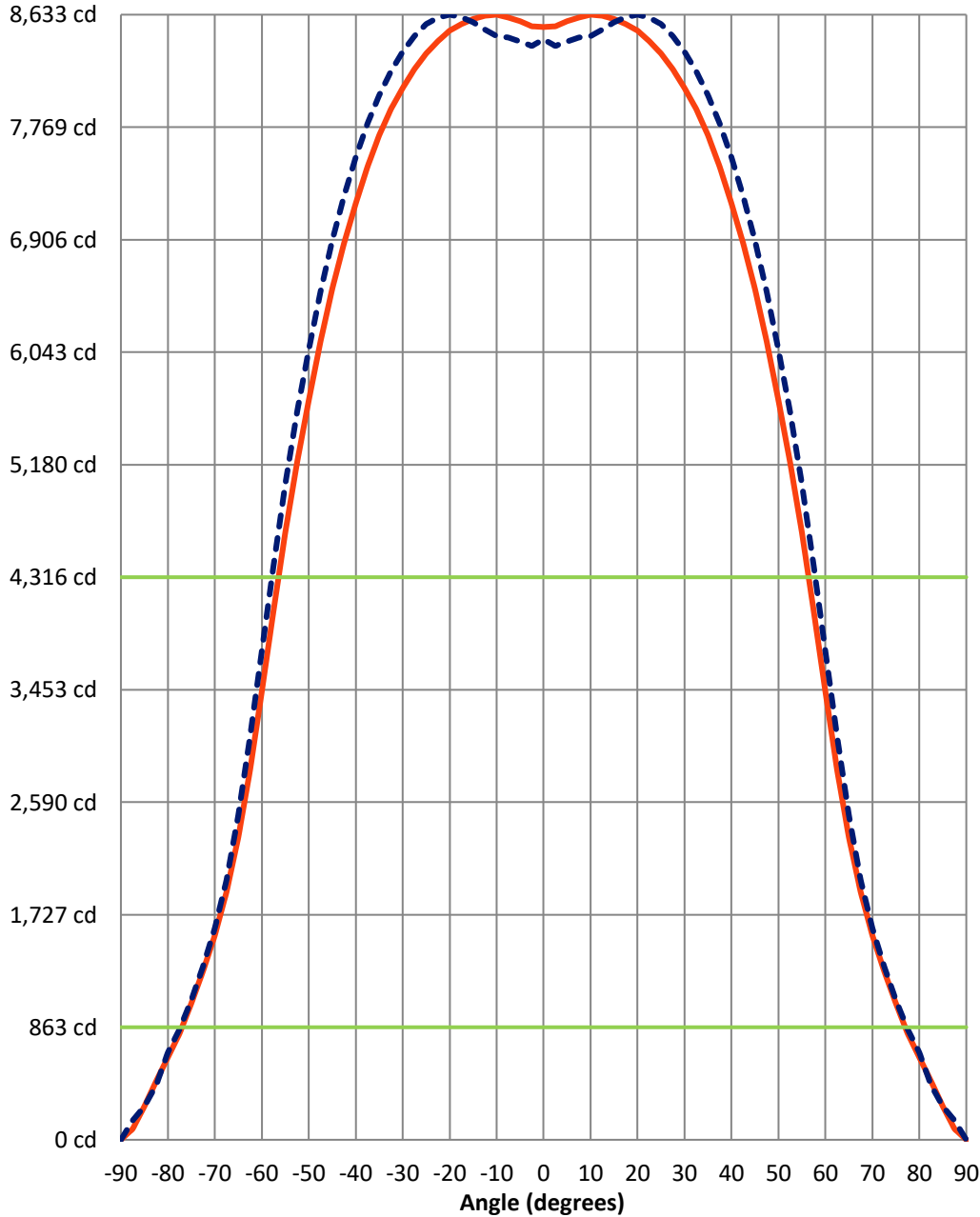
Luminous Intensity Polar Plot



— Vertical Distribution Through 20-Deg - - - Horizontal Distribution Through 10-Deg

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 CATALOG NUMBER: IFLD-L-SA7B-940-U-LAM

Luminous Intensity Plot



Beam:
 H Angle: 115.7°
 V Angle: 112.9°
 Lumens: 16251.1
 Efficiency: 61.4%

Field:
 H Angle: 154.7°
 V Angle: 154°
 Lumens: 19482.3
 Efficiency: 73.6%

Spill:
 Lumens: 7001.7
 Efficiency: 26.4%

- Vertical Distribution through 20-Deg
- - - Horizontal Distribution through 10-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° | 69.7 | 75.2 | 78.0 | 80.8 | 83.6 | 86.4 | 89.2 | 86.4 | 83.6 | 83.6 | 80.8 |
| 85° | 186.7 | 192.3 | 195.1 | 214.6 | 234.1 | 245.2 | 259.1 | 256.4 | 256.4 | 253.6 | 250.8 |
| 82.5° | 373.4 | 390.1 | 404.0 | 423.6 | 434.7 | 451.4 | 462.6 | 454.2 | 448.6 | 437.5 | 429.1 |
| 80° | 663.2 | 668.8 | 671.6 | 674.3 | 660.4 | 657.6 | 652.1 | 643.7 | 632.5 | 618.6 | 604.7 |
| 77.5° | 844.3 | 849.9 | 855.5 | 849.9 | 847.1 | 844.3 | 836.0 | 827.6 | 816.5 | 805.3 | 788.6 |
| 75° | 1117.4 | 1117.4 | 1117.4 | 1109.0 | 1103.5 | 1095.1 | 1081.2 | 1067.2 | 1047.7 | 1025.4 | 1000.4 |
| 72.5° | 1407.2 | 1404.4 | 1401.6 | 1384.9 | 1371.0 | 1354.3 | 1334.8 | 1318.0 | 1295.7 | 1270.7 | 1237.2 |
| 70° | 1710.9 | 1716.5 | 1719.3 | 1697.0 | 1680.3 | 1658.0 | 1632.9 | 1602.3 | 1568.8 | 1532.6 | 1485.2 |
| 67.5° | 2128.9 | 2123.3 | 2117.8 | 2087.1 | 2064.8 | 2034.2 | 1997.9 | 1953.4 | 1903.2 | 1847.5 | 1780.6 |
| 65° | 2647.2 | 2655.6 | 2638.9 | 2608.2 | 2566.4 | 2516.2 | 2460.5 | 2396.4 | 2321.2 | 2237.6 | 2142.8 |
| 62.5° | 3274.2 | 3288.1 | 3268.6 | 3229.6 | 3176.7 | 3109.8 | 3031.8 | 2939.8 | 2836.7 | 2719.7 | 2602.6 |
| 60° | 3987.5 | 3984.8 | 3948.5 | 3895.6 | 3825.9 | 3742.3 | 3655.9 | 3555.6 | 3438.6 | 3302.1 | 3159.9 |
| 57.5° | 4642.4 | 4636.8 | 4592.2 | 4539.3 | 4469.6 | 4380.4 | 4288.5 | 4182.6 | 4060.0 | 3915.1 | 3750.7 |
| 55° | 5230.3 | 5224.8 | 5180.2 | 5124.4 | 5052.0 | 4962.8 | 4879.2 | 4778.9 | 4659.1 | 4505.8 | 4330.3 |
| 52.5° | 5751.4 | 5754.2 | 5715.2 | 5653.9 | 5575.9 | 5489.5 | 5408.7 | 5308.4 | 5194.1 | 5040.9 | 4870.9 |
| 50° | 6230.7 | 6227.9 | 6186.1 | 6130.4 | 6057.9 | 5974.3 | 5893.5 | 5793.2 | 5673.4 | 5525.7 | 5361.3 |
| 47.5° | 6676.6 | 6671.0 | 6623.6 | 6562.3 | 6487.1 | 6414.6 | 6339.4 | 6250.2 | 6124.8 | 5977.1 | 5812.7 |
| 45° | 7049.9 | 7038.8 | 6991.4 | 6932.9 | 6860.5 | 6796.4 | 6729.5 | 6662.6 | 6528.9 | 6392.3 | 6236.3 |
| 42.5° | 7370.4 | 7367.6 | 7320.2 | 7261.7 | 7189.3 | 7133.5 | 7072.2 | 6988.6 | 6877.2 | 6751.8 | 6598.5 |
| 40° | 7676.9 | 7654.6 | 7607.3 | 7551.5 | 7484.6 | 7437.3 | 7376.0 | 7292.4 | 7183.7 | 7061.1 | 6913.4 |
| 37.5° | 7905.4 | 7908.2 | 7858.0 | 7796.7 | 7738.2 | 7693.6 | 7637.9 | 7559.9 | 7465.1 | 7345.3 | 7197.6 |
| 35° | 8122.8 | 8108.8 | 8067.0 | 8014.1 | 7961.1 | 7911.0 | 7852.5 | 7785.6 | 7707.6 | 7596.1 | 7456.8 |
| 32.5° | 8264.9 | 8284.4 | 8234.2 | 8178.5 | 8147.8 | 8108.8 | 8047.5 | 7977.9 | 7908.2 | 7796.7 | 7671.3 |
| 30° | 8420.9 | 8404.2 | 8365.2 | 8317.8 | 8295.5 | 8270.5 | 8217.5 | 8150.6 | 8069.8 | 7969.5 | 7852.5 |
| 27.5° | 8529.6 | 8521.2 | 8473.9 | 8429.3 | 8418.1 | 8395.8 | 8354.0 | 8295.5 | 8214.7 | 8117.2 | 8008.5 |
| 25° | 8577.0 | 8582.5 | 8538.0 | 8512.9 | 8512.9 | 8498.9 | 8465.5 | 8415.4 | 8334.5 | 8245.4 | 8139.5 |
| 22.5° | 8599.3 | 8593.7 | 8563.0 | 8557.5 | 8571.4 | 8560.3 | 8546.3 | 8501.7 | 8429.3 | 8356.8 | 8267.7 |
| 20° | 8613.2 | 8574.2 | 8546.3 | 8568.6 | 8585.3 | 8582.5 | 8571.4 | 8543.5 | 8510.1 | 8448.8 | 8370.8 |
| 17.5° | 8582.5 | 8557.5 | 8524.0 | 8557.5 | 8593.7 | 8596.5 | 8585.3 | 8568.6 | 8560.3 | 8521.2 | 8451.6 |
| 15° | 8507.3 | 8487.8 | 8493.4 | 8526.8 | 8568.6 | 8582.5 | 8590.9 | 8610.4 | 8599.3 | 8568.6 | 8507.3 |
| 12.5° | 8457.2 | 8432.1 | 8457.2 | 8490.6 | 8512.9 | 8521.2 | 8588.1 | 8624.3 | 8624.3 | 8596.5 | 8557.5 |
| 10° | 8443.2 | 8393.1 | 8426.5 | 8457.2 | 8468.3 | 8518.5 | 8574.2 | 8613.2 | 8632.7 | 8610.4 | 8560.3 |
| 7.5° | 8415.4 | 8381.9 | 8395.8 | 8409.8 | 8473.9 | 8510.1 | 8540.7 | 8582.5 | 8610.4 | 8607.6 | 8563.0 |
| 5° | 8401.4 | 8359.6 | 8365.2 | 8423.7 | 8468.3 | 8493.4 | 8504.5 | 8540.7 | 8582.5 | 8590.9 | 8557.5 |
| 2.5° | 8365.2 | 8345.7 | 8387.5 | 8393.1 | 8426.5 | 8446.0 | 8457.2 | 8490.6 | 8543.5 | 8563.0 | 8549.1 |
| 0° | 8345.7 | 8317.8 | 8290.0 | 8312.3 | 8368.0 | 8409.8 | 8426.5 | 8476.7 | 8538.0 | 8557.5 | 8526.8 |



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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° | 78.0 | 75.2 | 72.5 | 69.7 | 72.5 | 72.5 | 72.5 | 69.7 | 72.5 | 69.7 | 69.7 |
| 85° | 242.4 | 231.3 | 222.9 | 211.8 | 200.6 | 192.3 | 181.1 | 170.0 | 167.2 | 164.4 | 158.8 |
| 82.5° | 418.0 | 404.0 | 390.1 | 373.4 | 356.7 | 337.2 | 317.7 | 295.4 | 289.8 | 284.2 | 275.9 |
| 80° | 588.0 | 568.5 | 548.9 | 529.4 | 512.7 | 493.2 | 470.9 | 445.8 | 429.1 | 415.2 | 398.5 |
| 77.5° | 766.3 | 738.4 | 710.6 | 677.1 | 657.6 | 638.1 | 615.8 | 590.7 | 565.7 | 543.4 | 518.3 |
| 75° | 969.7 | 939.1 | 911.2 | 877.8 | 841.5 | 805.3 | 769.1 | 735.6 | 699.4 | 666.0 | 632.5 |
| 72.5° | 1195.4 | 1150.8 | 1106.3 | 1064.5 | 1019.9 | 975.3 | 927.9 | 883.3 | 838.7 | 794.2 | 746.8 |
| 70° | 1432.3 | 1376.6 | 1320.8 | 1265.1 | 1206.6 | 1148.1 | 1092.3 | 1036.6 | 980.9 | 922.3 | 869.4 |
| 67.5° | 1710.9 | 1646.8 | 1574.4 | 1496.4 | 1410.0 | 1334.8 | 1262.3 | 1195.4 | 1128.5 | 1061.7 | 994.8 |
| 65° | 2059.3 | 1970.1 | 1872.6 | 1766.7 | 1666.4 | 1566.0 | 1460.1 | 1359.8 | 1281.8 | 1203.8 | 1128.5 |
| 62.5° | 2488.4 | 2363.0 | 2226.4 | 2089.9 | 1967.3 | 1836.3 | 1713.7 | 1582.8 | 1460.1 | 1348.7 | 1256.7 |
| 60° | 3001.1 | 2831.1 | 2663.9 | 2488.4 | 2318.4 | 2140.1 | 1984.0 | 1822.4 | 1669.1 | 1532.6 | 1398.8 |
| 57.5° | 3566.8 | 3368.9 | 3168.3 | 2953.7 | 2722.5 | 2513.5 | 2301.7 | 2089.9 | 1908.8 | 1727.7 | 1577.2 |
| 55° | 4140.8 | 3931.8 | 3706.1 | 3463.7 | 3210.1 | 2942.6 | 2655.6 | 2418.7 | 2170.7 | 1958.9 | 1763.9 |
| 52.5° | 4687.0 | 4469.6 | 4235.5 | 4012.6 | 3708.9 | 3402.4 | 3087.5 | 2775.4 | 2485.6 | 2215.3 | 1978.4 |
| 50° | 5174.6 | 4962.8 | 4737.1 | 4478.0 | 4196.5 | 3870.5 | 3519.4 | 3168.3 | 2825.6 | 2507.9 | 2212.5 |
| 47.5° | 5620.5 | 5414.2 | 5188.5 | 4929.4 | 4673.0 | 4310.8 | 3956.9 | 3569.6 | 3187.8 | 2822.8 | 2477.2 |
| 45° | 6038.4 | 5829.4 | 5595.4 | 5347.4 | 5052.0 | 4728.8 | 4363.7 | 3973.6 | 3564.0 | 3154.4 | 2755.9 |
| 42.5° | 6417.4 | 6208.4 | 5971.6 | 5715.2 | 5422.6 | 5102.2 | 4748.3 | 4355.4 | 3943.0 | 3497.1 | 3059.6 |
| 40° | 6749.0 | 6545.6 | 6317.1 | 6049.6 | 5776.5 | 5439.3 | 5091.0 | 4717.6 | 4291.3 | 3842.6 | 3360.6 |
| 37.5° | 7038.8 | 6849.3 | 6623.6 | 6358.9 | 6069.1 | 5768.1 | 5408.7 | 5035.3 | 4650.7 | 4163.1 | 3669.9 |
| 35° | 7295.2 | 7119.6 | 6888.3 | 6637.5 | 6353.3 | 6035.6 | 5698.5 | 5333.4 | 4918.2 | 4461.3 | 3982.0 |
| 32.5° | 7518.1 | 7339.7 | 7128.0 | 6877.2 | 6601.3 | 6303.2 | 5957.6 | 5589.8 | 5196.9 | 4731.5 | 4210.5 |
| 30° | 7707.6 | 7534.8 | 7334.2 | 7097.3 | 6832.6 | 6537.2 | 6200.1 | 5829.4 | 5428.2 | 4965.6 | 4450.1 |
| 27.5° | 7872.0 | 7707.6 | 7512.5 | 7292.4 | 7038.8 | 6754.6 | 6414.6 | 6041.2 | 5631.6 | 5185.8 | 4670.2 |
| 25° | 8014.1 | 7855.3 | 7674.1 | 7465.1 | 7214.4 | 6935.7 | 6615.2 | 6225.1 | 5815.5 | 5366.9 | 4856.9 |
| 22.5° | 8142.3 | 7989.0 | 7807.9 | 7604.5 | 7376.0 | 7097.3 | 6774.1 | 6386.8 | 5971.6 | 5528.5 | 5026.9 |
| 20° | 8256.5 | 8114.4 | 7936.1 | 7727.1 | 7498.6 | 7217.1 | 6896.7 | 6528.9 | 6110.9 | 5676.2 | 5180.2 |
| 17.5° | 8348.5 | 8223.1 | 8044.7 | 7824.6 | 7596.1 | 7323.0 | 7010.9 | 6673.8 | 6230.7 | 5801.6 | 5308.4 |
| 15° | 8412.6 | 8290.0 | 8128.3 | 7905.4 | 7682.5 | 7412.2 | 7100.1 | 6751.8 | 6339.4 | 5901.9 | 5414.2 |
| 12.5° | 8457.2 | 8326.2 | 8175.7 | 7969.5 | 7746.6 | 7479.1 | 7175.3 | 6832.6 | 6431.3 | 5991.1 | 5506.2 |
| 10° | 8468.3 | 8348.5 | 8198.0 | 8014.1 | 7796.7 | 7537.6 | 7239.4 | 6899.5 | 6506.6 | 6060.7 | 5581.4 |
| 7.5° | 8473.9 | 8359.6 | 8223.1 | 8047.5 | 7833.0 | 7582.2 | 7286.8 | 6952.4 | 6562.3 | 6119.2 | 5637.2 |
| 5° | 8471.1 | 8362.4 | 8239.8 | 8069.8 | 7855.3 | 7607.3 | 7317.5 | 6988.6 | 6601.3 | 6158.3 | 5679.0 |
| 2.5° | 8462.7 | 8365.2 | 8250.9 | 8086.5 | 7880.3 | 7635.1 | 7348.1 | 7030.4 | 6643.1 | 6191.7 | 5712.4 |
| 0° | 8485.0 | 8401.4 | 8256.5 | 8081.0 | 7885.9 | 7635.1 | 7345.3 | 7036.0 | 6648.7 | 6188.9 | 5709.6 |



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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° | 69.7 | 66.9 | 66.9 | 64.1 | 61.3 | 58.5 | 52.9 | 50.2 | 44.6 | 36.2 | 27.9 |
| 85° | 150.5 | 142.1 | 133.8 | 128.2 | 122.6 | 117.0 | 108.7 | 100.3 | 89.2 | 72.5 | 55.7 |
| 82.5° | 264.7 | 248.0 | 231.3 | 211.8 | 195.1 | 178.3 | 164.4 | 150.5 | 133.8 | 108.7 | 83.6 |
| 80° | 379.0 | 353.9 | 328.8 | 300.9 | 275.9 | 248.0 | 222.9 | 200.6 | 178.3 | 144.9 | 111.5 |
| 77.5° | 493.2 | 459.8 | 423.6 | 390.1 | 353.9 | 317.7 | 281.4 | 250.8 | 217.4 | 178.3 | 139.3 |
| 75° | 599.1 | 560.1 | 526.7 | 479.3 | 434.7 | 387.3 | 340.0 | 298.2 | 256.4 | 209.0 | 167.2 |
| 72.5° | 705.0 | 654.8 | 607.5 | 562.9 | 512.7 | 454.2 | 401.3 | 348.3 | 295.4 | 239.6 | 189.5 |
| 70° | 810.9 | 749.6 | 691.1 | 638.1 | 582.4 | 523.9 | 459.8 | 398.5 | 334.4 | 267.5 | 209.0 |
| 67.5° | 919.6 | 849.9 | 783.0 | 716.1 | 652.1 | 585.2 | 518.3 | 448.6 | 373.4 | 295.4 | 231.3 |
| 65° | 1039.4 | 953.0 | 872.2 | 797.0 | 721.7 | 649.3 | 574.0 | 498.8 | 415.2 | 326.0 | 250.8 |
| 62.5° | 1159.2 | 1064.5 | 969.7 | 875.0 | 791.4 | 710.6 | 629.8 | 546.2 | 454.2 | 359.5 | 270.3 |
| 60° | 1287.4 | 1178.7 | 1070.0 | 964.1 | 861.0 | 771.9 | 682.7 | 593.5 | 496.0 | 390.1 | 289.8 |
| 57.5° | 1429.5 | 1298.5 | 1175.9 | 1056.1 | 939.1 | 833.2 | 735.6 | 640.9 | 532.2 | 420.8 | 312.1 |
| 55° | 1591.1 | 1429.5 | 1284.6 | 1150.8 | 1022.7 | 894.5 | 788.6 | 691.1 | 574.0 | 451.4 | 337.2 |
| 52.5° | 1761.1 | 1574.4 | 1398.8 | 1248.4 | 1111.8 | 966.9 | 838.7 | 730.1 | 615.8 | 482.1 | 359.5 |
| 50° | 1958.9 | 1722.1 | 1527.0 | 1343.1 | 1189.9 | 1039.4 | 891.7 | 774.7 | 657.6 | 518.3 | 381.8 |
| 47.5° | 2162.4 | 1900.4 | 1655.2 | 1454.6 | 1273.4 | 1109.0 | 953.0 | 813.7 | 696.6 | 551.7 | 404.0 |
| 45° | 2399.2 | 2070.4 | 1800.1 | 1563.2 | 1354.3 | 1181.5 | 1014.3 | 855.5 | 730.1 | 585.2 | 426.3 |
| 42.5° | 2627.7 | 2271.0 | 1950.6 | 1683.1 | 1446.2 | 1251.2 | 1070.0 | 900.1 | 763.5 | 618.6 | 445.8 |
| 40° | 2898.0 | 2471.7 | 2095.5 | 1797.3 | 1538.2 | 1318.0 | 1125.8 | 947.4 | 794.2 | 649.3 | 465.4 |
| 37.5° | 3157.2 | 2675.1 | 2271.0 | 1922.7 | 1627.3 | 1384.9 | 1181.5 | 992.0 | 822.0 | 679.9 | 490.4 |
| 35° | 3413.5 | 2900.8 | 2438.2 | 2039.7 | 1719.3 | 1460.1 | 1237.2 | 1033.8 | 849.9 | 705.0 | 512.7 |
| 32.5° | 3658.7 | 3112.6 | 2608.2 | 2170.7 | 1819.6 | 1529.8 | 1287.4 | 1072.8 | 877.8 | 727.3 | 535.0 |
| 30° | 3887.2 | 3313.2 | 2775.4 | 2304.5 | 1911.6 | 1593.9 | 1334.8 | 1111.8 | 911.2 | 746.8 | 557.3 |
| 27.5° | 4096.2 | 3508.3 | 2942.6 | 2429.9 | 1997.9 | 1652.4 | 1384.9 | 1148.1 | 939.1 | 766.3 | 576.8 |
| 25° | 4285.7 | 3683.8 | 3095.8 | 2544.1 | 2076.0 | 1716.5 | 1432.3 | 1184.3 | 964.1 | 783.0 | 593.5 |
| 22.5° | 4464.0 | 3845.4 | 3235.2 | 2658.4 | 2170.7 | 1780.6 | 1476.9 | 1217.7 | 989.2 | 799.7 | 610.3 |
| 20° | 4620.1 | 3993.1 | 3368.9 | 2772.6 | 2254.3 | 1839.1 | 1515.9 | 1248.4 | 1011.5 | 810.9 | 627.0 |
| 17.5° | 4745.5 | 4124.1 | 3488.7 | 2872.9 | 2326.8 | 1889.3 | 1549.3 | 1276.2 | 1031.0 | 824.8 | 638.1 |
| 15° | 4856.9 | 4235.5 | 3589.1 | 2959.3 | 2390.9 | 1931.1 | 1580.0 | 1298.5 | 1047.7 | 833.2 | 652.1 |
| 12.5° | 4951.7 | 4330.3 | 3675.4 | 3034.5 | 2446.6 | 1967.3 | 1605.0 | 1315.2 | 1061.7 | 841.5 | 660.4 |
| 10° | 5029.7 | 4405.5 | 3747.9 | 3093.1 | 2491.2 | 1995.2 | 1624.6 | 1332.0 | 1072.8 | 849.9 | 668.8 |
| 7.5° | 5088.2 | 4461.3 | 3800.8 | 3143.2 | 2527.4 | 2014.7 | 1641.3 | 1343.1 | 1084.0 | 855.5 | 682.7 |
| 5° | 5132.8 | 4508.6 | 3842.6 | 3176.7 | 2555.3 | 2042.5 | 1660.8 | 1357.0 | 1095.1 | 861.0 | 682.7 |
| 2.5° | 5166.2 | 4547.6 | 3876.1 | 3204.5 | 2577.6 | 2037.0 | 1660.8 | 1354.3 | 1095.1 | 861.0 | 679.9 |
| 0° | 5160.7 | 4550.4 | 3873.3 | 3204.5 | 2577.6 | 2031.4 | 1660.8 | 1351.5 | 1095.1 | 861.0 | 679.9 |



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CANDELA DISTRIBUTION (continued):

| | 82.5° | 85° | 87.5° | 90° |
|-------|-------|-------|-------|-----|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 19.5 | 13.9 | 5.6 | 0.0 |
| 85° | 41.8 | 27.9 | 13.9 | 0.0 |
| 82.5° | 61.3 | 39.0 | 19.5 | 0.0 |
| 80° | 80.8 | 52.9 | 25.1 | 0.0 |
| 77.5° | 103.1 | 66.9 | 33.4 | 0.0 |
| 75° | 122.6 | 78.0 | 39.0 | 0.0 |
| 72.5° | 142.1 | 92.0 | 44.6 | 0.0 |
| 70° | 158.8 | 103.1 | 50.2 | 0.0 |
| 67.5° | 175.6 | 117.0 | 58.5 | 0.0 |
| 65° | 189.5 | 128.2 | 64.1 | 0.0 |
| 62.5° | 200.6 | 142.1 | 69.7 | 0.0 |
| 60° | 214.6 | 153.3 | 75.2 | 0.0 |
| 57.5° | 225.7 | 161.6 | 80.8 | 0.0 |
| 55° | 236.9 | 167.2 | 86.4 | 0.0 |
| 52.5° | 248.0 | 175.6 | 92.0 | 0.0 |
| 50° | 259.1 | 183.9 | 97.5 | 0.0 |
| 47.5° | 270.3 | 189.5 | 100.3 | 0.0 |
| 45° | 287.0 | 197.8 | 105.9 | 0.0 |
| 42.5° | 300.9 | 203.4 | 111.5 | 0.0 |
| 40° | 314.9 | 209.0 | 114.2 | 0.0 |
| 37.5° | 328.8 | 214.6 | 119.8 | 0.0 |
| 35° | 342.7 | 220.1 | 122.6 | 0.0 |
| 32.5° | 353.9 | 225.7 | 125.4 | 0.0 |
| 30° | 365.0 | 231.3 | 128.2 | 0.0 |
| 27.5° | 376.2 | 234.1 | 131.0 | 0.0 |
| 25° | 384.5 | 239.6 | 133.8 | 0.0 |
| 22.5° | 392.9 | 242.4 | 136.5 | 0.0 |
| 20° | 398.5 | 245.2 | 139.3 | 0.0 |
| 17.5° | 406.8 | 248.0 | 142.1 | 0.0 |
| 15° | 409.6 | 250.8 | 147.7 | 0.0 |
| 12.5° | 415.2 | 253.6 | 147.7 | 0.0 |
| 10° | 418.0 | 256.4 | 147.7 | 0.0 |
| 7.5° | 423.6 | 256.4 | 147.7 | 0.0 |
| 5° | 420.8 | 256.4 | 147.7 | 0.0 |
| 2.5° | 420.8 | 256.4 | 147.7 | 0.0 |
| 0° | 418.0 | 256.4 | 147.7 | 0.0 |

(END OF REPORT)