

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: P628420

Luminaire Tested: **IFLD-S-SA3E-927-U-LAM**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P628420
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3E-927-U-LAM
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/
Lambertian distribution lens
Light Source: (48) 2700K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

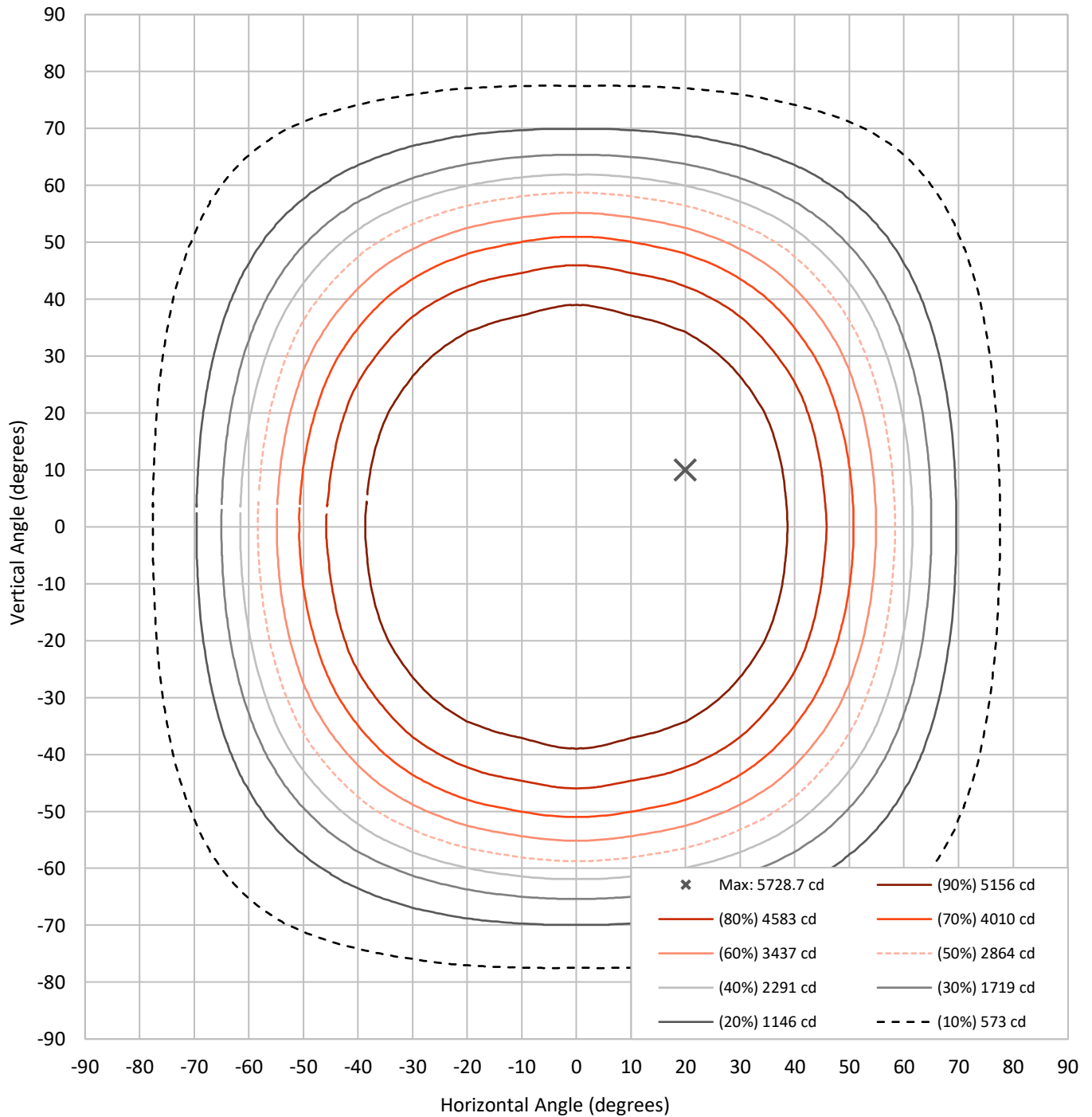
| | | | |
|-------------------|--|----------------------|-----------------|
| Lumens per Lamp: | N/A | NEMA Type: | 7H x 7V |
| Luminaire Lumens: | 17575 lumens | Max Intensity: | 5728.7 candela |
| Efficiency: | N/A | Max Intensity Angle: | 20°H x 10°V |
| Efficacy: | 75.7 lumens/watt | | |
| Luminous Opening: | Rectangular (W 1.5' x L: 0.5' x H: 0') | | |
| Beam Angle (50%): | 115.7°H x 112.9°V | Field Angle (10%): | 154.7°H x 154°V |
| Beam Lumens: | 10784.4 lumens | Field Lumens: | 12928.6 lumens |
| Beam Efficiency: | 61.4% | Field Efficiency: | 73.6% |

Input Watts (W): 232.1
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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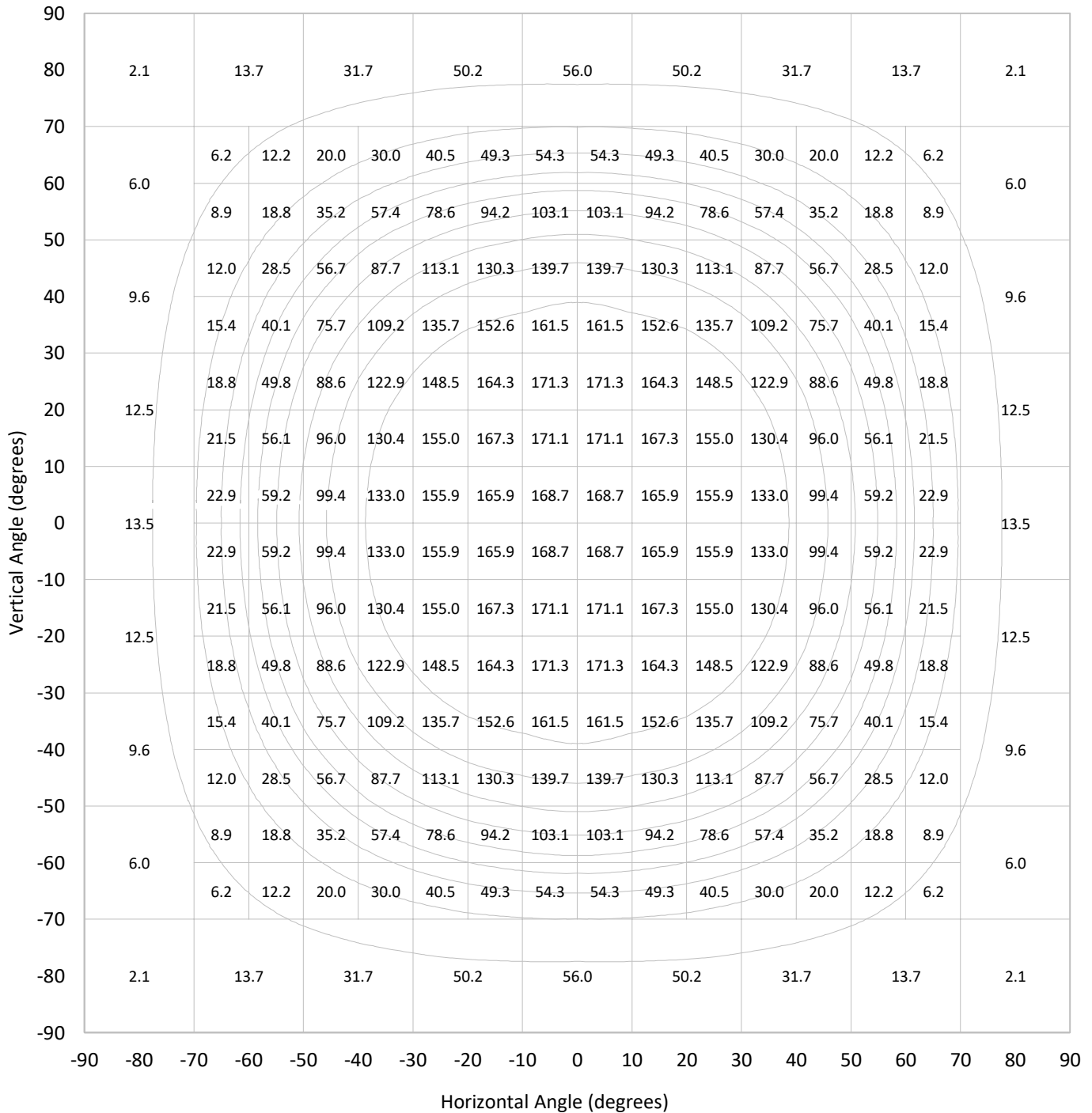
Iso-Candela Plot





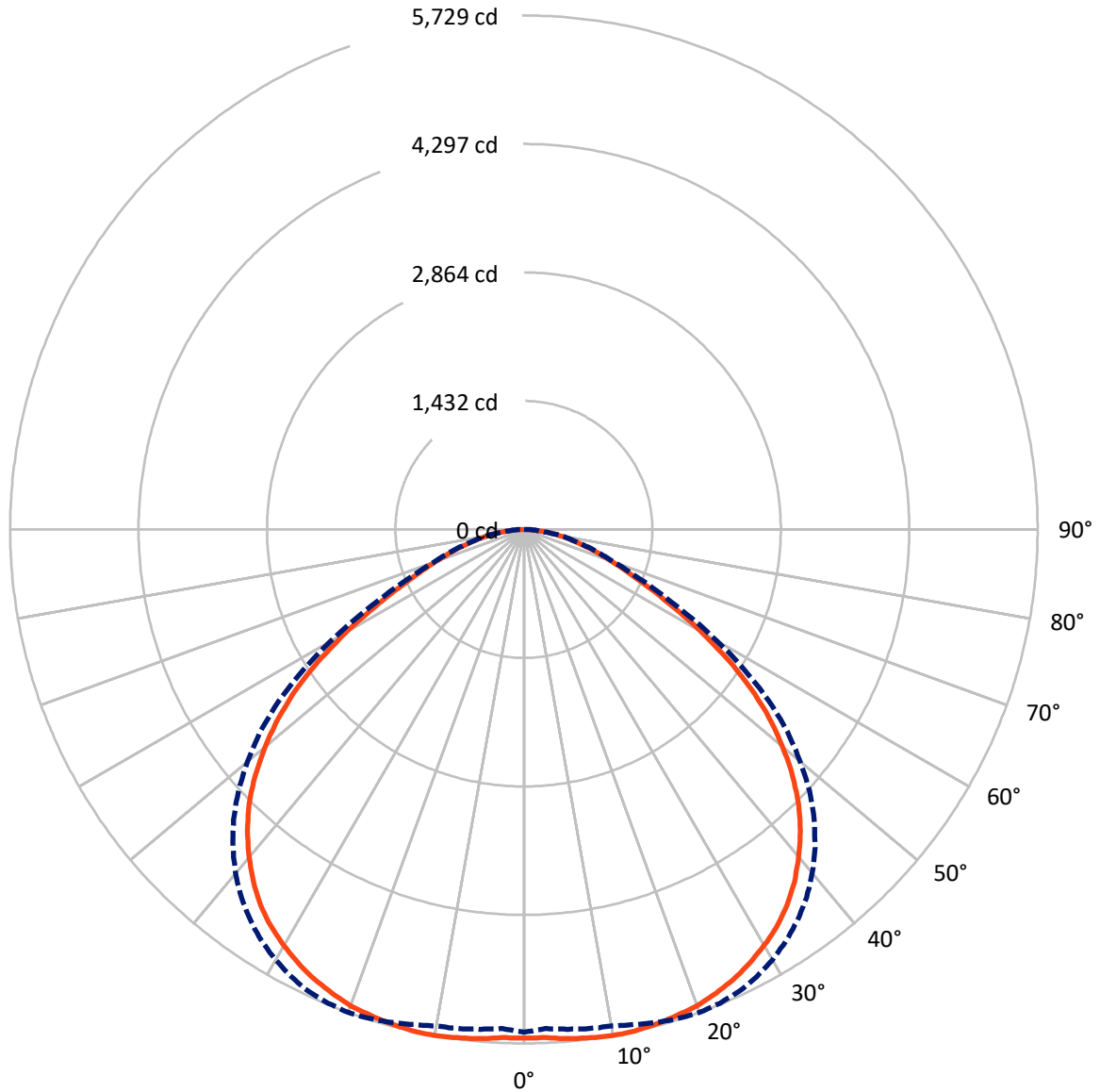
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Lumen Table



REPORT NUMBER: P628420
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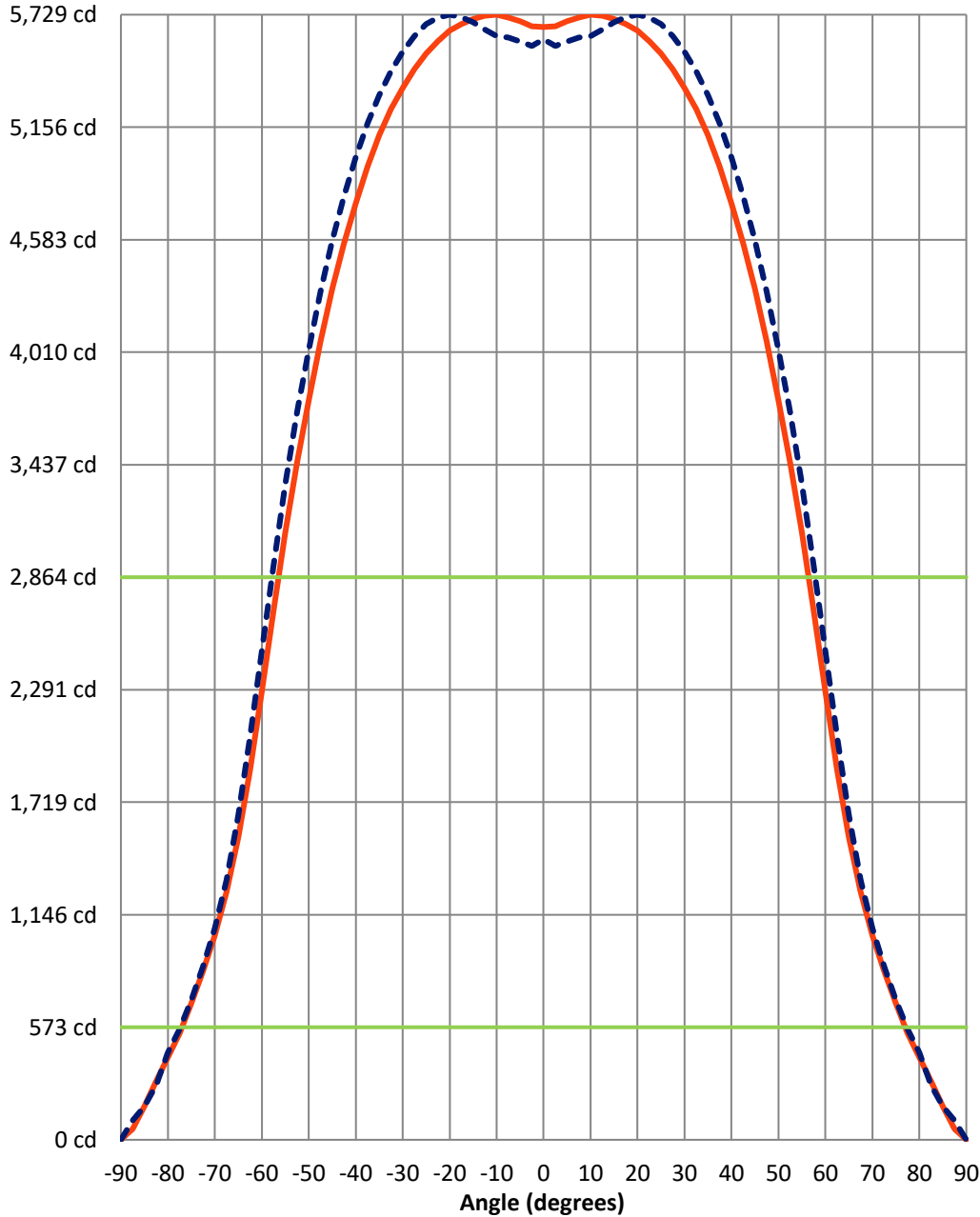
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 115.7°
 V Angle: 112.9°
 Lumens: 10784.4
 Efficiency: 61.4%

Field:
 H Angle: 154.7°
 V Angle: 154°
 Lumens: 12928.6
 Efficiency: 73.6%

Spill:
 Lumens: 4646.4
 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° | 46.2 | 49.9 | 51.8 | 53.6 | 55.5 | 57.3 | 59.2 | 57.3 | 55.5 | 55.5 | 53.6 |
| 85° | 123.9 | 127.6 | 129.4 | 142.4 | 155.3 | 162.7 | 172.0 | 170.1 | 170.1 | 168.3 | 166.4 |
| 82.5° | 247.8 | 258.9 | 268.1 | 281.1 | 288.5 | 299.6 | 307.0 | 301.4 | 297.7 | 290.3 | 284.8 |
| 80° | 440.1 | 443.8 | 445.7 | 447.5 | 438.3 | 436.4 | 432.7 | 427.2 | 419.8 | 410.5 | 401.3 |
| 77.5° | 560.3 | 564.0 | 567.7 | 564.0 | 562.1 | 560.3 | 554.8 | 549.2 | 541.8 | 534.4 | 523.3 |
| 75° | 741.5 | 741.5 | 741.5 | 736.0 | 732.3 | 726.7 | 717.5 | 708.2 | 695.3 | 680.5 | 663.9 |
| 72.5° | 933.8 | 932.0 | 930.1 | 919.0 | 909.8 | 898.7 | 885.8 | 874.7 | 859.9 | 843.2 | 821.0 |
| 70° | 1135.4 | 1139.1 | 1140.9 | 1126.1 | 1115.1 | 1100.3 | 1083.6 | 1063.3 | 1041.1 | 1017.0 | 985.6 |
| 67.5° | 1412.8 | 1409.1 | 1405.4 | 1385.0 | 1370.2 | 1349.9 | 1325.9 | 1296.3 | 1263.0 | 1226.0 | 1181.6 |
| 65° | 1756.7 | 1762.3 | 1751.2 | 1730.8 | 1703.1 | 1669.8 | 1632.8 | 1590.3 | 1540.4 | 1484.9 | 1422.0 |
| 62.5° | 2172.8 | 2182.0 | 2169.1 | 2143.2 | 2108.1 | 2063.7 | 2011.9 | 1950.9 | 1882.5 | 1804.8 | 1727.1 |
| 60° | 2646.2 | 2644.3 | 2620.3 | 2585.1 | 2538.9 | 2483.4 | 2426.1 | 2359.5 | 2281.9 | 2191.3 | 2097.0 |
| 57.5° | 3080.7 | 3077.0 | 3047.4 | 3012.3 | 2966.1 | 2906.9 | 2845.9 | 2775.6 | 2694.2 | 2598.1 | 2489.0 |
| 55° | 3470.9 | 3467.2 | 3437.6 | 3400.6 | 3352.5 | 3293.4 | 3237.9 | 3171.3 | 3091.8 | 2990.1 | 2873.6 |
| 52.5° | 3816.7 | 3818.5 | 3792.7 | 3752.0 | 3700.2 | 3642.9 | 3589.2 | 3522.7 | 3446.9 | 3345.2 | 3232.4 |
| 50° | 4134.7 | 4132.9 | 4105.2 | 4068.2 | 4020.1 | 3964.6 | 3911.0 | 3844.4 | 3764.9 | 3666.9 | 3557.8 |
| 47.5° | 4430.6 | 4426.9 | 4395.5 | 4354.8 | 4304.9 | 4256.8 | 4206.9 | 4147.7 | 4064.5 | 3966.5 | 3857.4 |
| 45° | 4678.4 | 4671.0 | 4639.6 | 4600.7 | 4552.7 | 4510.1 | 4465.7 | 4421.4 | 4332.6 | 4242.0 | 4138.4 |
| 42.5° | 4891.1 | 4889.2 | 4857.8 | 4818.9 | 4770.9 | 4733.9 | 4693.2 | 4637.7 | 4563.8 | 4480.5 | 4378.8 |
| 40° | 5094.5 | 5079.7 | 5048.2 | 5011.3 | 4966.9 | 4935.4 | 4894.8 | 4839.3 | 4767.2 | 4685.8 | 4587.8 |
| 37.5° | 5246.1 | 5247.9 | 5214.7 | 5174.0 | 5135.1 | 5105.6 | 5068.6 | 5016.8 | 4953.9 | 4874.4 | 4776.4 |
| 35° | 5390.3 | 5381.1 | 5353.4 | 5318.2 | 5283.1 | 5249.8 | 5211.0 | 5166.6 | 5114.8 | 5040.8 | 4948.4 |
| 32.5° | 5484.6 | 5497.6 | 5464.3 | 5427.3 | 5407.0 | 5381.1 | 5340.4 | 5294.2 | 5247.9 | 5174.0 | 5090.8 |
| 30° | 5588.2 | 5577.1 | 5551.2 | 5519.8 | 5505.0 | 5488.3 | 5453.2 | 5408.8 | 5355.2 | 5288.6 | 5211.0 |
| 27.5° | 5660.3 | 5654.8 | 5623.3 | 5593.7 | 5586.3 | 5571.6 | 5543.8 | 5505.0 | 5451.4 | 5386.6 | 5314.5 |
| 25° | 5691.8 | 5695.4 | 5665.9 | 5649.2 | 5649.2 | 5640.0 | 5617.8 | 5584.5 | 5530.9 | 5471.7 | 5401.4 |
| 22.5° | 5706.5 | 5702.8 | 5682.5 | 5678.8 | 5688.1 | 5680.7 | 5671.4 | 5641.8 | 5593.7 | 5545.7 | 5486.5 |
| 20° | 5715.8 | 5689.9 | 5671.4 | 5686.2 | 5697.3 | 5695.4 | 5688.1 | 5669.6 | 5647.4 | 5606.7 | 5554.9 |
| 17.5° | 5695.4 | 5678.8 | 5656.6 | 5678.8 | 5702.8 | 5704.7 | 5697.3 | 5686.2 | 5680.7 | 5654.8 | 5608.5 |
| 15° | 5645.5 | 5632.6 | 5636.3 | 5658.5 | 5686.2 | 5695.4 | 5701.0 | 5713.9 | 5706.5 | 5686.2 | 5645.5 |
| 12.5° | 5612.2 | 5595.6 | 5612.2 | 5634.4 | 5649.2 | 5654.8 | 5699.1 | 5723.2 | 5723.2 | 5704.7 | 5678.8 |
| 10° | 5603.0 | 5569.7 | 5591.9 | 5612.2 | 5619.6 | 5652.9 | 5689.9 | 5715.8 | 5728.7 | 5713.9 | 5680.7 |
| 7.5° | 5584.5 | 5562.3 | 5571.6 | 5580.8 | 5623.3 | 5647.4 | 5667.7 | 5695.4 | 5713.9 | 5712.1 | 5682.5 |
| 5° | 5575.3 | 5547.5 | 5551.2 | 5590.0 | 5619.6 | 5636.3 | 5643.7 | 5667.7 | 5695.4 | 5701.0 | 5678.8 |
| 2.5° | 5551.2 | 5538.3 | 5566.0 | 5569.7 | 5591.9 | 5604.8 | 5612.2 | 5634.4 | 5669.6 | 5682.5 | 5673.3 |
| 0° | 5538.3 | 5519.8 | 5501.3 | 5516.1 | 5553.1 | 5580.8 | 5591.9 | 5625.2 | 5665.9 | 5678.8 | 5658.5 |



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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° | 51.8 | 49.9 | 48.1 | 46.2 | 48.1 | 48.1 | 48.1 | 46.2 | 48.1 | 46.2 | 46.2 |
| 85° | 160.9 | 153.5 | 147.9 | 140.5 | 133.1 | 127.6 | 120.2 | 112.8 | 111.0 | 109.1 | 105.4 |
| 82.5° | 277.4 | 268.1 | 258.9 | 247.8 | 236.7 | 223.7 | 210.8 | 196.0 | 192.3 | 188.6 | 183.1 |
| 80° | 390.2 | 377.2 | 364.3 | 351.3 | 340.2 | 327.3 | 312.5 | 295.9 | 284.8 | 275.5 | 264.4 |
| 77.5° | 508.5 | 490.0 | 471.5 | 449.3 | 436.4 | 423.5 | 408.7 | 392.0 | 375.4 | 360.6 | 343.9 |
| 75° | 643.5 | 623.2 | 604.7 | 582.5 | 558.4 | 534.4 | 510.4 | 488.2 | 464.1 | 442.0 | 419.8 |
| 72.5° | 793.3 | 763.7 | 734.1 | 706.4 | 676.8 | 647.2 | 615.8 | 586.2 | 556.6 | 527.0 | 495.6 |
| 70° | 950.5 | 913.5 | 876.5 | 839.5 | 800.7 | 761.9 | 724.9 | 687.9 | 650.9 | 612.1 | 576.9 |
| 67.5° | 1135.4 | 1092.9 | 1044.8 | 993.0 | 935.7 | 885.8 | 837.7 | 793.3 | 748.9 | 704.5 | 660.2 |
| 65° | 1366.5 | 1307.4 | 1242.6 | 1172.4 | 1105.8 | 1039.2 | 969.0 | 902.4 | 850.6 | 798.8 | 748.9 |
| 62.5° | 1651.3 | 1568.1 | 1477.5 | 1386.9 | 1305.5 | 1218.6 | 1137.2 | 1050.3 | 969.0 | 895.0 | 834.0 |
| 60° | 1991.6 | 1878.8 | 1767.8 | 1651.3 | 1538.5 | 1420.2 | 1316.6 | 1209.4 | 1107.7 | 1017.0 | 928.3 |
| 57.5° | 2366.9 | 2235.6 | 2102.5 | 1960.1 | 1806.6 | 1668.0 | 1527.4 | 1386.9 | 1266.7 | 1146.5 | 1046.6 |
| 55° | 2747.9 | 2609.2 | 2459.4 | 2298.5 | 2130.2 | 1952.7 | 1762.3 | 1605.1 | 1440.5 | 1300.0 | 1170.5 |
| 52.5° | 3110.3 | 2966.1 | 2810.7 | 2662.8 | 2461.2 | 2257.8 | 2048.9 | 1841.8 | 1649.5 | 1470.1 | 1312.9 |
| 50° | 3433.9 | 3293.4 | 3143.6 | 2971.6 | 2784.9 | 2568.5 | 2335.5 | 2102.5 | 1875.1 | 1664.3 | 1468.2 |
| 47.5° | 3729.8 | 3592.9 | 3443.2 | 3271.2 | 3101.1 | 2860.7 | 2625.8 | 2368.8 | 2115.5 | 1873.2 | 1643.9 |
| 45° | 4007.2 | 3868.5 | 3713.1 | 3548.6 | 3352.5 | 3138.0 | 2895.8 | 2636.9 | 2365.1 | 2093.3 | 1828.8 |
| 42.5° | 4258.6 | 4120.0 | 3962.8 | 3792.7 | 3598.5 | 3385.8 | 3151.0 | 2890.3 | 2616.6 | 2320.7 | 2030.4 |
| 40° | 4478.7 | 4343.7 | 4192.1 | 4014.6 | 3833.3 | 3609.6 | 3378.4 | 3130.6 | 2847.7 | 2550.0 | 2230.1 |
| 37.5° | 4671.0 | 4545.3 | 4395.5 | 4219.8 | 4027.5 | 3827.8 | 3589.2 | 3341.5 | 3086.3 | 2762.7 | 2435.4 |
| 35° | 4841.1 | 4724.6 | 4571.2 | 4404.7 | 4216.1 | 4005.3 | 3781.6 | 3539.3 | 3263.8 | 2960.5 | 2642.5 |
| 32.5° | 4989.1 | 4870.7 | 4730.2 | 4563.8 | 4380.7 | 4182.8 | 3953.5 | 3709.4 | 3448.7 | 3139.9 | 2794.1 |
| 30° | 5114.8 | 5000.2 | 4867.0 | 4709.8 | 4534.2 | 4338.2 | 4114.4 | 3868.5 | 3602.2 | 3295.2 | 2953.1 |
| 27.5° | 5223.9 | 5114.8 | 4985.4 | 4839.3 | 4671.0 | 4482.4 | 4256.8 | 4009.0 | 3737.2 | 3441.3 | 3099.2 |
| 25° | 5318.2 | 5212.8 | 5092.6 | 4953.9 | 4787.5 | 4602.6 | 4389.9 | 4131.0 | 3859.2 | 3561.5 | 3223.1 |
| 22.5° | 5403.3 | 5301.6 | 5181.4 | 5046.4 | 4894.8 | 4709.8 | 4495.3 | 4238.3 | 3962.8 | 3668.8 | 3335.9 |
| 20° | 5479.1 | 5384.8 | 5266.4 | 5127.8 | 4976.1 | 4789.4 | 4576.7 | 4332.6 | 4055.2 | 3766.8 | 3437.6 |
| 17.5° | 5540.1 | 5456.9 | 5338.6 | 5192.5 | 5040.8 | 4859.6 | 4652.5 | 4428.8 | 4134.7 | 3850.0 | 3522.7 |
| 15° | 5582.6 | 5501.3 | 5394.0 | 5246.1 | 5098.2 | 4918.8 | 4711.7 | 4480.5 | 4206.9 | 3916.5 | 3592.9 |
| 12.5° | 5612.2 | 5525.3 | 5425.5 | 5288.6 | 5140.7 | 4963.2 | 4761.6 | 4534.2 | 4267.9 | 3975.7 | 3654.0 |
| 10° | 5619.6 | 5540.1 | 5440.3 | 5318.2 | 5174.0 | 5002.0 | 4804.1 | 4578.5 | 4317.8 | 4021.9 | 3703.9 |
| 7.5° | 5623.3 | 5547.5 | 5456.9 | 5340.4 | 5198.0 | 5031.6 | 4835.6 | 4613.7 | 4354.8 | 4060.8 | 3740.9 |
| 5° | 5621.5 | 5549.4 | 5468.0 | 5355.2 | 5212.8 | 5048.2 | 4855.9 | 4637.7 | 4380.7 | 4086.7 | 3768.6 |
| 2.5° | 5615.9 | 5551.2 | 5475.4 | 5366.3 | 5229.5 | 5066.7 | 4876.3 | 4665.5 | 4408.4 | 4108.9 | 3790.8 |
| 0° | 5630.7 | 5575.3 | 5479.1 | 5362.6 | 5233.2 | 5066.7 | 4874.4 | 4669.2 | 4412.1 | 4107.0 | 3789.0 |



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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° | 46.2 | 44.4 | 44.4 | 42.5 | 40.7 | 38.8 | 35.1 | 33.3 | 29.6 | 24.0 | 18.5 |
| 85° | 99.9 | 94.3 | 88.8 | 85.1 | 81.4 | 77.7 | 72.1 | 66.6 | 59.2 | 48.1 | 37.0 |
| 82.5° | 175.7 | 164.6 | 153.5 | 140.5 | 129.4 | 118.3 | 109.1 | 99.9 | 88.8 | 72.1 | 55.5 |
| 80° | 251.5 | 234.8 | 218.2 | 199.7 | 183.1 | 164.6 | 147.9 | 133.1 | 118.3 | 96.2 | 74.0 |
| 77.5° | 327.3 | 305.1 | 281.1 | 258.9 | 234.8 | 210.8 | 186.8 | 166.4 | 144.2 | 118.3 | 92.5 |
| 75° | 397.6 | 371.7 | 349.5 | 318.1 | 288.5 | 257.0 | 225.6 | 197.9 | 170.1 | 138.7 | 111.0 |
| 72.5° | 467.8 | 434.6 | 403.1 | 373.5 | 340.2 | 301.4 | 266.3 | 231.1 | 196.0 | 159.0 | 125.7 |
| 70° | 538.1 | 497.4 | 458.6 | 423.5 | 386.5 | 347.6 | 305.1 | 264.4 | 221.9 | 177.5 | 138.7 |
| 67.5° | 610.2 | 564.0 | 519.6 | 475.2 | 432.7 | 388.3 | 343.9 | 297.7 | 247.8 | 196.0 | 153.5 |
| 65° | 689.7 | 632.4 | 578.8 | 528.9 | 478.9 | 430.9 | 380.9 | 331.0 | 275.5 | 216.4 | 166.4 |
| 62.5° | 769.3 | 706.4 | 643.5 | 580.6 | 525.2 | 471.5 | 417.9 | 362.4 | 301.4 | 238.5 | 179.4 |
| 60° | 854.3 | 782.2 | 710.1 | 639.8 | 571.4 | 512.2 | 453.0 | 393.9 | 329.2 | 258.9 | 192.3 |
| 57.5° | 948.6 | 861.7 | 780.4 | 700.8 | 623.2 | 552.9 | 488.2 | 425.3 | 353.2 | 279.2 | 207.1 |
| 55° | 1055.9 | 948.6 | 852.5 | 763.7 | 678.6 | 593.6 | 523.3 | 458.6 | 380.9 | 299.6 | 223.7 |
| 52.5° | 1168.7 | 1044.8 | 928.3 | 828.4 | 737.8 | 641.7 | 556.6 | 484.5 | 408.7 | 319.9 | 238.5 |
| 50° | 1300.0 | 1142.8 | 1013.3 | 891.3 | 789.6 | 689.7 | 591.7 | 514.1 | 436.4 | 343.9 | 253.3 |
| 47.5° | 1435.0 | 1261.1 | 1098.4 | 965.3 | 845.1 | 736.0 | 632.4 | 540.0 | 462.3 | 366.1 | 268.1 |
| 45° | 1592.1 | 1373.9 | 1194.6 | 1037.4 | 898.7 | 784.0 | 673.1 | 567.7 | 484.5 | 388.3 | 282.9 |
| 42.5° | 1743.8 | 1507.1 | 1294.4 | 1116.9 | 959.7 | 830.3 | 710.1 | 597.3 | 506.7 | 410.5 | 295.9 |
| 40° | 1923.1 | 1640.2 | 1390.6 | 1192.7 | 1020.7 | 874.7 | 747.1 | 628.7 | 527.0 | 430.9 | 308.8 |
| 37.5° | 2095.1 | 1775.2 | 1507.1 | 1275.9 | 1079.9 | 919.0 | 784.0 | 658.3 | 545.5 | 451.2 | 325.5 |
| 35° | 2265.2 | 1925.0 | 1618.0 | 1353.6 | 1140.9 | 969.0 | 821.0 | 686.0 | 564.0 | 467.8 | 340.2 |
| 32.5° | 2428.0 | 2065.5 | 1730.8 | 1440.5 | 1207.5 | 1015.2 | 854.3 | 711.9 | 582.5 | 482.6 | 355.0 |
| 30° | 2579.6 | 2198.7 | 1841.8 | 1529.3 | 1268.5 | 1057.7 | 885.8 | 737.8 | 604.7 | 495.6 | 369.8 |
| 27.5° | 2718.3 | 2328.1 | 1952.7 | 1612.5 | 1325.9 | 1096.6 | 919.0 | 761.9 | 623.2 | 508.5 | 382.8 |
| 25° | 2844.0 | 2444.6 | 2054.4 | 1688.3 | 1377.6 | 1139.1 | 950.5 | 785.9 | 639.8 | 519.6 | 393.9 |
| 22.5° | 2962.4 | 2551.9 | 2146.9 | 1764.1 | 1440.5 | 1181.6 | 980.1 | 808.1 | 656.5 | 530.7 | 405.0 |
| 20° | 3065.9 | 2649.9 | 2235.6 | 1839.9 | 1496.0 | 1220.5 | 1005.9 | 828.4 | 671.2 | 538.1 | 416.1 |
| 17.5° | 3149.1 | 2736.8 | 2315.2 | 1906.5 | 1544.1 | 1253.7 | 1028.1 | 846.9 | 684.2 | 547.4 | 423.5 |
| 15° | 3223.1 | 2810.7 | 2381.7 | 1963.8 | 1586.6 | 1281.5 | 1048.5 | 861.7 | 695.3 | 552.9 | 432.7 |
| 12.5° | 3286.0 | 2873.6 | 2439.1 | 2013.7 | 1623.6 | 1305.5 | 1065.1 | 872.8 | 704.5 | 558.4 | 438.3 |
| 10° | 3337.8 | 2923.5 | 2487.1 | 2052.6 | 1653.2 | 1324.0 | 1078.1 | 883.9 | 711.9 | 564.0 | 443.8 |
| 7.5° | 3376.6 | 2960.5 | 2522.3 | 2085.9 | 1677.2 | 1337.0 | 1089.2 | 891.3 | 719.3 | 567.7 | 453.0 |
| 5° | 3406.2 | 2992.0 | 2550.0 | 2108.1 | 1695.7 | 1355.4 | 1102.1 | 900.5 | 726.7 | 571.4 | 453.0 |
| 2.5° | 3428.4 | 3017.8 | 2572.2 | 2126.5 | 1710.5 | 1351.7 | 1102.1 | 898.7 | 726.7 | 571.4 | 451.2 |
| 0° | 3424.7 | 3019.7 | 2570.3 | 2126.5 | 1710.5 | 1348.0 | 1102.1 | 896.8 | 726.7 | 571.4 | 451.2 |



REPORT NUMBER: P628420
 CATALOG NUMBER: IFLD-S-SA3E-927-U-LAM

CANDELA DISTRIBUTION (continued):

| | 82.5° | 85° | 87.5° | 90° |
|-------|-------|-------|-------|-----|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 12.9 | 9.2 | 3.7 | 0.0 |
| 85° | 27.7 | 18.5 | 9.2 | 0.0 |
| 82.5° | 40.7 | 25.9 | 12.9 | 0.0 |
| 80° | 53.6 | 35.1 | 16.6 | 0.0 |
| 77.5° | 68.4 | 44.4 | 22.2 | 0.0 |
| 75° | 81.4 | 51.8 | 25.9 | 0.0 |
| 72.5° | 94.3 | 61.0 | 29.6 | 0.0 |
| 70° | 105.4 | 68.4 | 33.3 | 0.0 |
| 67.5° | 116.5 | 77.7 | 38.8 | 0.0 |
| 65° | 125.7 | 85.1 | 42.5 | 0.0 |
| 62.5° | 133.1 | 94.3 | 46.2 | 0.0 |
| 60° | 142.4 | 101.7 | 49.9 | 0.0 |
| 57.5° | 149.8 | 107.3 | 53.6 | 0.0 |
| 55° | 157.2 | 111.0 | 57.3 | 0.0 |
| 52.5° | 164.6 | 116.5 | 61.0 | 0.0 |
| 50° | 172.0 | 122.0 | 64.7 | 0.0 |
| 47.5° | 179.4 | 125.7 | 66.6 | 0.0 |
| 45° | 190.5 | 131.3 | 70.3 | 0.0 |
| 42.5° | 199.7 | 135.0 | 74.0 | 0.0 |
| 40° | 209.0 | 138.7 | 75.8 | 0.0 |
| 37.5° | 218.2 | 142.4 | 79.5 | 0.0 |
| 35° | 227.4 | 146.1 | 81.4 | 0.0 |
| 32.5° | 234.8 | 149.8 | 83.2 | 0.0 |
| 30° | 242.2 | 153.5 | 85.1 | 0.0 |
| 27.5° | 249.6 | 155.3 | 86.9 | 0.0 |
| 25° | 255.2 | 159.0 | 88.8 | 0.0 |
| 22.5° | 260.7 | 160.9 | 90.6 | 0.0 |
| 20° | 264.4 | 162.7 | 92.5 | 0.0 |
| 17.5° | 270.0 | 164.6 | 94.3 | 0.0 |
| 15° | 271.8 | 166.4 | 98.0 | 0.0 |
| 12.5° | 275.5 | 168.3 | 98.0 | 0.0 |
| 10° | 277.4 | 170.1 | 98.0 | 0.0 |
| 7.5° | 281.1 | 170.1 | 98.0 | 0.0 |
| 5° | 279.2 | 170.1 | 98.0 | 0.0 |
| 2.5° | 279.2 | 170.1 | 98.0 | 0.0 |
| 0° | 277.4 | 170.1 | 98.0 | 0.0 |

(END OF REPORT)