

Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P228524

Luminaire Tested: **ISC-AF-350-LED-E1-SLL-7030-ULG**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P228524  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29764)-DOWNLIGHT AND  
Test Lab: INNOVATION CENTER-P2  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: ISC-AF-350-LED-E1-SLL-7030-ULG  
Description: IMPACT ELITE LED CYLINDER LUMINAIRE WITH UPLIGHT  
LIGHT SQUARE WITH ACCULED OPTICS-90° SPILL LIGHT ELIMINATOR LEFT, WITH  
UPLIGHT GLOW  
Light Source: (16) 3000K CCT, 70 CRI LEDs and (1) UPLIGHT LED  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 3187.2 lumens  
Efficiency: N/A  
Efficacy: 86.6 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 0.5' x L: 0.5' x H: 0.54')  
IES Classification: Type IV - Short - Non-Cutoff  
BUG Rating: B0 - U5 - G1

Input Watts (W): 36.79  
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

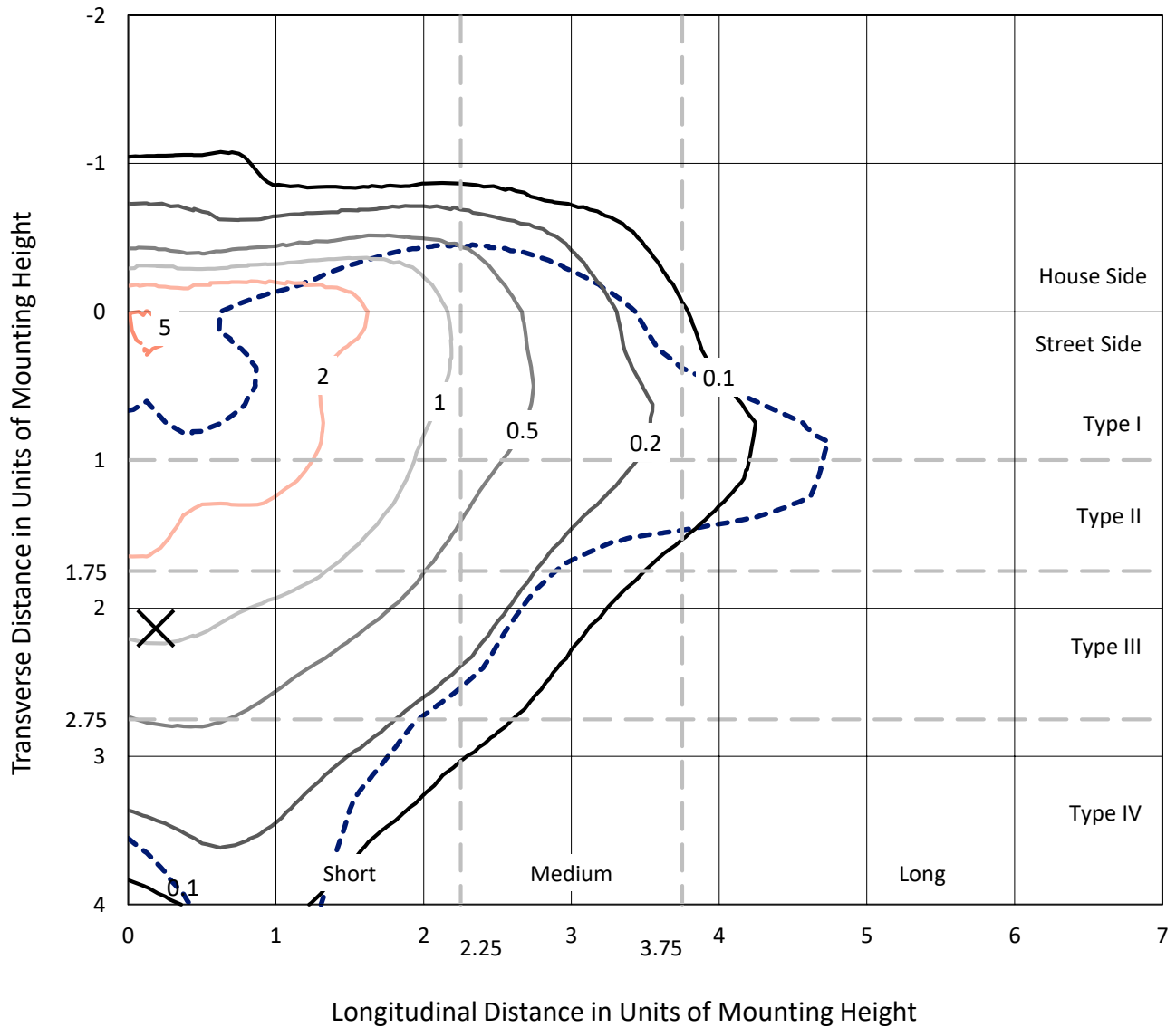


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### Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
 - - - 1/2 Max cd

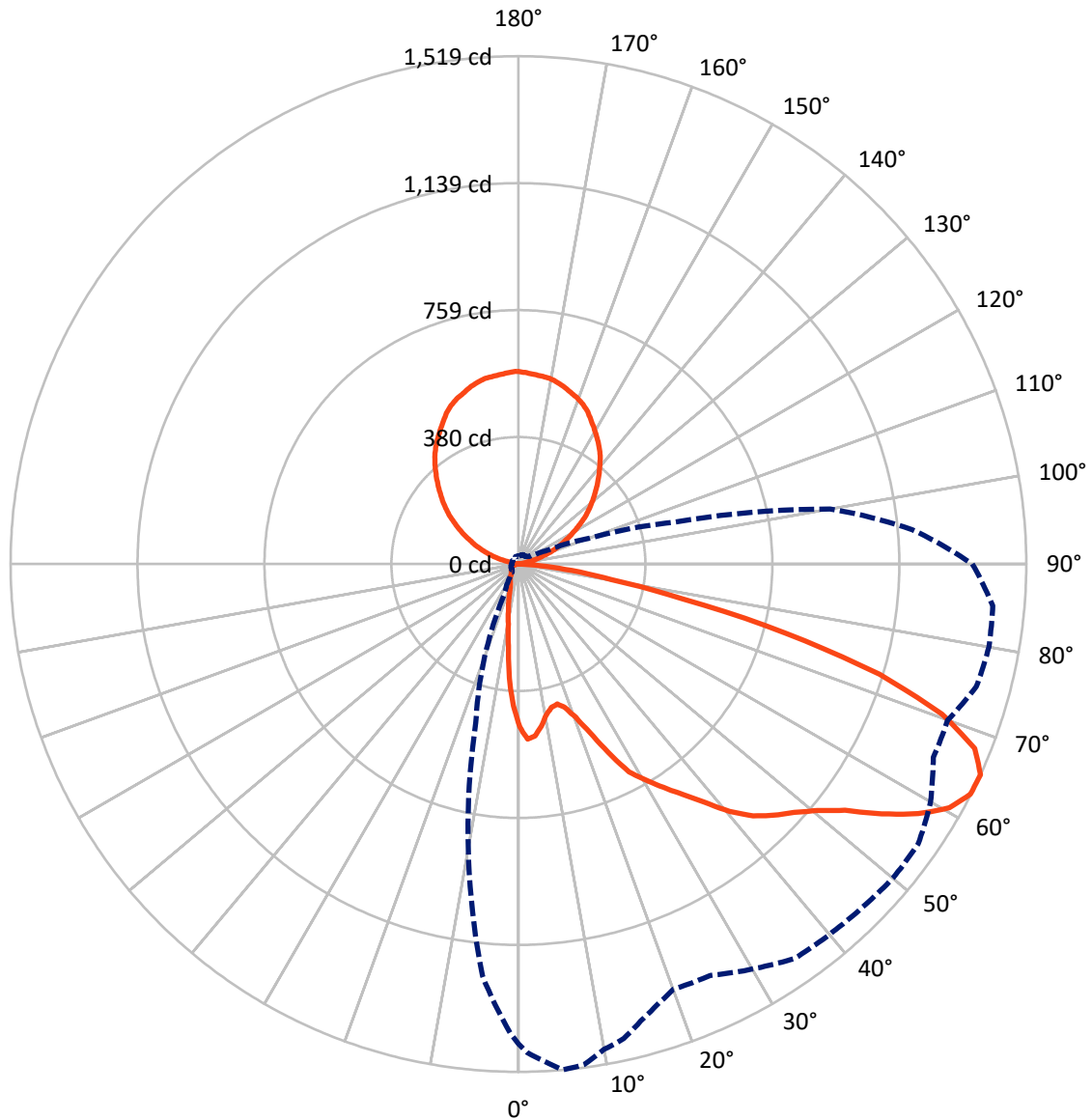


Based on 10 foot mounting height. Maximum calculated value = 6.6 fc  
 Type IV - Short - Non-Cutoff

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### Luminous Intensity Polar Plot



— Vertical Plane Through 5-Deg Lateral

- - - Horizontal Cone Through 65-Deg Vertical

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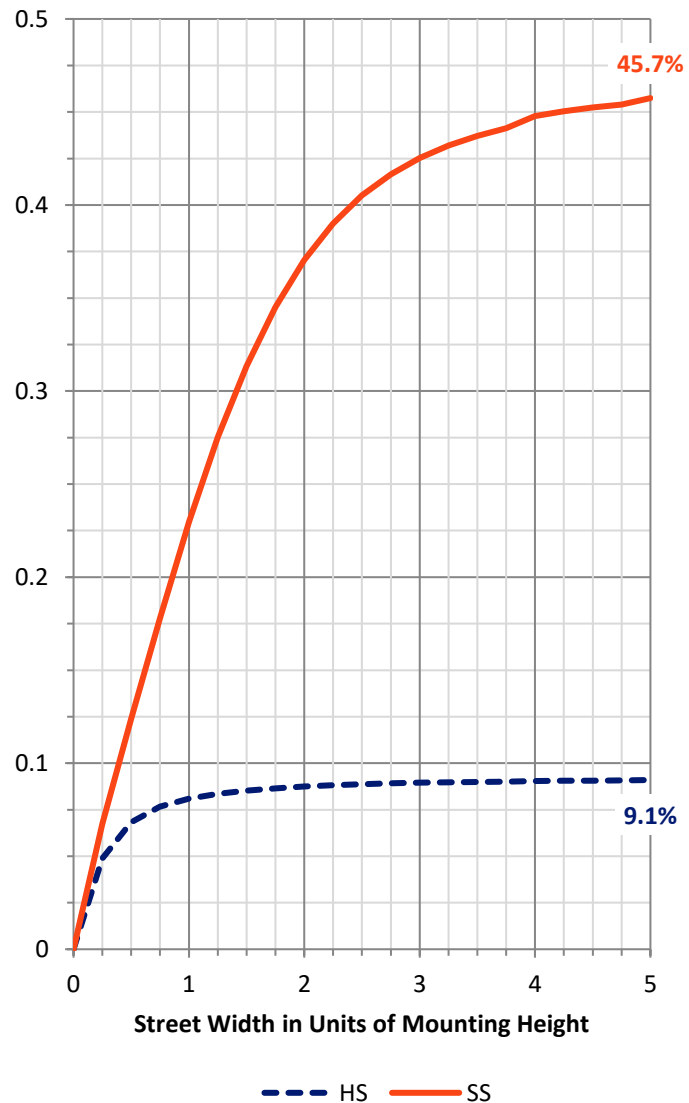
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 292.8    | 713.1  | 1005.9 |
|                    | % Fixture | 9.2      | 22.4   | 31.6   |
| <b>Street Side</b> | Lumens    | 1468.2   | 713.1  | 2181.3 |
|                    | % Fixture | 46.1     | 22.4   | 68.4   |
| <b>Total</b>       | Lumens    | 1761.0   | 1426.2 | 3187.2 |
|                    | % Fixture | 55.3     | 44.7   | 100.0  |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 37.4   | 1.2       |
| 10°-20°   | 77.1   | 2.4       |
| 20°-30°   | 112.1  | 3.5       |
| 30°-40°   | 165.8  | 5.2       |
| 40°-50°   | 241.6  | 7.6       |
| 50°-60°   | 362.1  | 11.4      |
| 60°-70°   | 451.2  | 14.2      |
| 70°-80°   | 264.3  | 8.3       |
| 80°-90°   | 49.4   | 1.6       |
| 90°-100°  | 4.7    | 0.1       |
| 100°-110° | 69.0   | 2.2       |
| 110°-120° | 153.0  | 4.8       |
| 120°-130° | 223.9  | 7.0       |
| 130°-140° | 265.6  | 8.3       |
| 140°-150° | 269.3  | 8.4       |
| 150°-160° | 231.1  | 7.3       |
| 160°-170° | 155.1  | 4.9       |
| 170°-180° | 54.3   | 1.7       |
| 0°-90°    | 1761.0 | 55.3      |
| 0°-180°   | 3187.2 | 100.0     |



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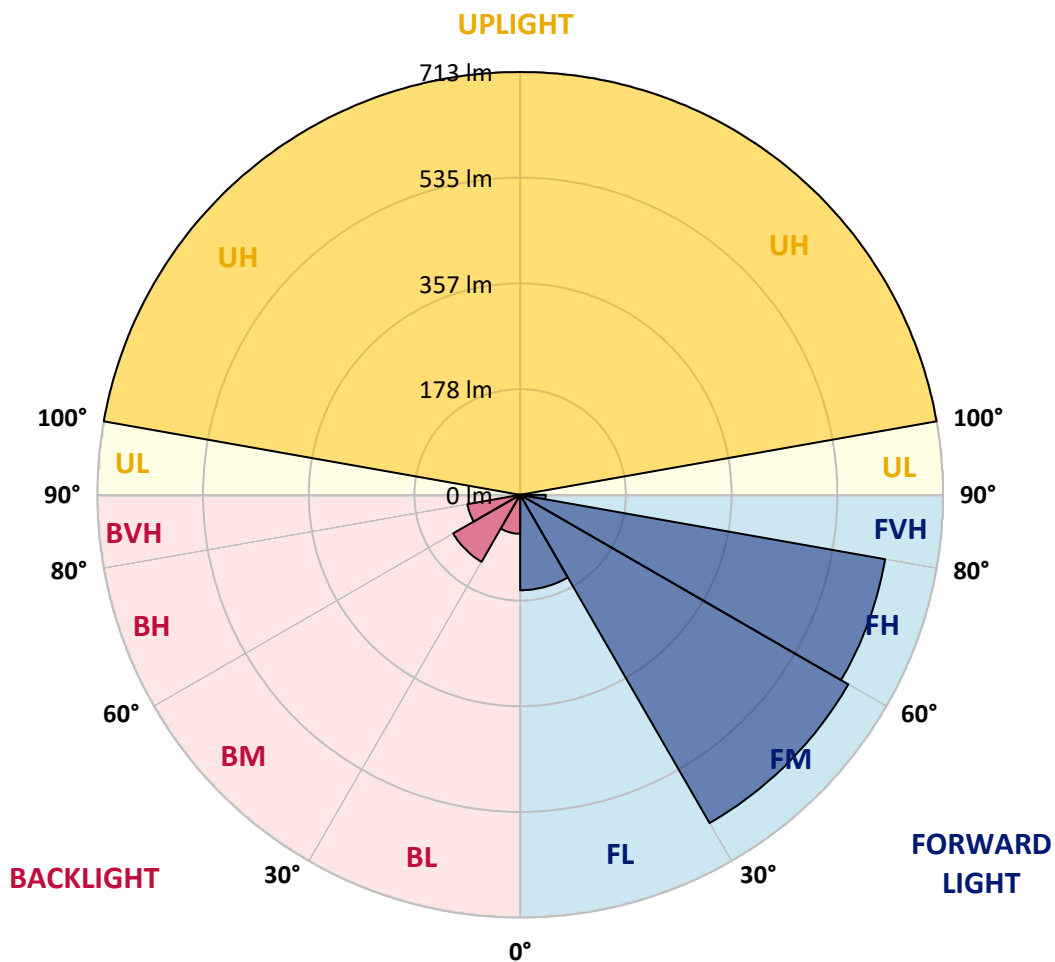
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |         |        |
|------|-------------|--------|-----------|-------------------------|---------|--------|
|      |             |        |           | B                       | U       | G      |
| FL   | (0°-30°)    | 160.9  | 5.0       |                         |         |        |
| FM   | (30°-60°)   | 639.1  | 20.1      |                         |         |        |
| FH   | (60°-80°)   | 625.2  | 19.6      |                         |         | G0/660 |
| FVH  | (80°-90°)   | 43.1   | 1.4       |                         |         | G1/100 |
| BL   | (0°-30°)    | 65.7   | 2.1       | B0/110                  |         |        |
| BM   | (30°-60°)   | 130.3  | 4.1       | B0/220                  |         |        |
| BH   | (60°-80°)   | 90.4   | 2.8       | B0/110                  |         | G0/110 |
| BVH  | (80°-90°)   | 6.4    | 0.2       |                         |         | G0/10  |
| UL   | (90°-100°)  | 4.7    | 0.1       |                         | U1/10   |        |
| UH   | (100°-180°) | 713.1  | 22.4      |                         | U4/1000 |        |

**BUG Rating: B0-U5-G1**

Type IV Short





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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 1°     | 5°     | 7.5°   | 10°    | 12.5°  | 15°    | 17.5°  | 20°    | 25°    | 35°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 487.3  | 487.3  | 487.3  | 487.3  | 487.3  | 487.3  | 487.3  | 487.3  | 487.3  | 487.3  | 487.3  |
| 2.5°   | 517.3  | 515.9  | 524.3  | 525.7  | 531.3  | 531.3  | 537.5  | 543.1  | 545.2  | 550.1  | 562.6  |
| 5°     | 500.6  | 504.8  | 516.6  | 528.5  | 536.8  | 545.2  | 554.3  | 565.4  | 574.5  | 589.8  | 621.9  |
| 7.5°   | 463.6  | 469.9  | 490.1  | 502.0  | 515.2  | 529.9  | 541.0  | 554.3  | 568.2  | 594.0  | 651.2  |
| 10°    | 427.4  | 432.3  | 458.1  | 472.7  | 491.5  | 506.9  | 522.9  | 537.5  | 552.9  | 584.9  | 651.2  |
| 12.5°  | 404.4  | 410.6  | 439.9  | 453.9  | 475.5  | 491.5  | 511.0  | 528.5  | 546.6  | 580.8  | 644.9  |
| 15°    | 399.5  | 406.5  | 434.4  | 451.8  | 470.6  | 485.9  | 503.4  | 521.5  | 539.6  | 573.1  | 630.3  |
| 17.5°  | 412.7  | 421.1  | 451.1  | 470.6  | 485.2  | 502.7  | 515.2  | 532.7  | 544.5  | 571.0  | 598.2  |
| 20°    | 444.1  | 453.9  | 489.4  | 508.3  | 520.1  | 531.3  | 541.0  | 551.5  | 556.4  | 562.6  | 557.8  |
| 22.5°  | 494.3  | 506.2  | 546.6  | 568.2  | 576.6  | 584.9  | 585.6  | 587.0  | 583.6  | 566.8  | 529.2  |
| 25°    | 566.1  | 578.0  | 624.0  | 644.9  | 644.9  | 644.9  | 637.2  | 631.7  | 615.6  | 584.2  | 521.5  |
| 27.5°  | 633.1  | 648.4  | 703.5  | 716.7  | 712.5  | 706.3  | 691.6  | 677.7  | 654.7  | 602.4  | 520.8  |
| 30°    | 683.2  | 698.6  | 749.5  | 759.9  | 749.5  | 734.1  | 711.1  | 690.9  | 663.7  | 611.4  | 525.7  |
| 32.5°  | 729.3  | 747.4  | 796.2  | 797.6  | 778.8  | 761.3  | 735.5  | 712.5  | 683.9  | 628.2  | 540.3  |
| 35°    | 778.1  | 796.2  | 845.7  | 835.9  | 808.7  | 785.0  | 758.5  | 738.3  | 709.7  | 649.8  | 564.0  |
| 37.5°  | 845.7  | 861.7  | 903.6  | 880.6  | 845.7  | 815.0  | 786.4  | 759.9  | 731.4  | 679.1  | 603.8  |
| 40°    | 911.2  | 934.2  | 972.6  | 935.6  | 893.1  | 852.0  | 820.6  | 792.7  | 761.3  | 718.8  | 654.7  |
| 42.5°  | 972.6  | 994.2  | 1029.8 | 982.3  | 932.8  | 891.7  | 858.9  | 829.0  | 799.0  | 764.1  | 716.0  |
| 45°    | 1019.3 | 1041.6 | 1071.6 | 1021.4 | 964.9  | 922.4  | 886.8  | 860.3  | 833.8  | 810.1  | 793.4  |
| 47.5°  | 1064.6 | 1086.9 | 1109.9 | 1055.6 | 999.8  | 956.5  | 914.7  | 890.3  | 869.4  | 856.9  | 877.1  |
| 50°    | 1123.2 | 1138.5 | 1158.0 | 1099.5 | 1040.2 | 990.7  | 948.9  | 930.1  | 910.5  | 914.7  | 982.3  |
| 52.5°  | 1202.7 | 1215.9 | 1222.9 | 1165.7 | 1099.5 | 1043.0 | 997.0  | 971.2  | 955.2  | 979.6  | 1093.9 |
| 55°    | 1314.9 | 1333.7 | 1318.4 | 1261.9 | 1178.3 | 1114.1 | 1057.6 | 1027.0 | 1017.2 | 1050.0 | 1205.4 |
| 57.5°  | 1411.8 | 1420.2 | 1409.0 | 1353.3 | 1267.5 | 1195.7 | 1135.7 | 1103.7 | 1092.5 | 1135.7 | 1307.2 |
| 60°    | 1454.3 | 1464.8 | 1480.1 | 1432.0 | 1351.9 | 1280.7 | 1229.2 | 1197.8 | 1179.0 | 1229.2 | 1388.8 |
| 62.5°  | 1461.3 | 1478.7 | 1516.4 | 1492.0 | 1428.5 | 1375.6 | 1328.9 | 1285.6 | 1271.0 | 1309.3 | 1442.5 |
| 65°    | 1434.1 | 1460.6 | 1518.5 | 1509.4 | 1473.9 | 1453.6 | 1414.6 | 1381.1 | 1353.3 | 1357.4 | 1439.7 |
| 67.5°  | 1372.8 | 1403.5 | 1471.1 | 1466.9 | 1471.1 | 1471.1 | 1436.9 | 1409.0 | 1372.8 | 1321.2 | 1333.7 |
| 70°    | 1225.0 | 1265.4 | 1343.5 | 1363.7 | 1399.3 | 1399.3 | 1369.3 | 1326.8 | 1284.9 | 1179.0 | 1114.8 |
| 72.5°  | 981.6  | 1008.8 | 1128.8 | 1227.1 | 1272.4 | 1254.3 | 1225.0 | 1153.9 | 1061.8 | 945.4  | 858.2  |
| 75°    | 664.4  | 680.5  | 827.6  | 1007.4 | 1089.7 | 1074.4 | 1026.3 | 937.7  | 842.9  | 713.2  | 603.1  |
| 77.5°  | 370.2  | 391.1  | 501.3  | 642.1  | 753.0  | 750.9  | 744.6  | 688.1  | 612.8  | 505.5  | 448.3  |
| 80°    | 217.5  | 224.5  | 282.4  | 384.9  | 480.4  | 457.4  | 441.3  | 396.7  | 358.4  | 309.6  | 353.5  |
| 82.5°  | 133.2  | 126.2  | 160.4  | 234.3  | 283.8  | 274.0  | 246.8  | 230.1  | 211.9  | 198.7  | 235.0  |
| 85°    | 36.3   | 32.8   | 65.5   | 98.3   | 120.6  | 130.4  | 130.4  | 129.0  | 115.7  | 87.1   | 104.6  |
| 87.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 90°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 92.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 95°    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    |
| 97.5°  | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.0    | 2.2    | 2.5    | 3.0    | 4.0    |
| 100°   | 8.0    | 8.0    | 8.0    | 8.5    | 9.0    | 9.5    | 10.0   | 11.0   | 12.0   | 14.0   | 22.0   |
| 102.5° | 28.0   | 28.0   | 28.0   | 29.0   | 30.0   | 31.0   | 32.0   | 33.5   | 35.0   | 38.0   | 45.0   |
| 105°   | 54.0   | 54.0   | 54.0   | 54.5   | 55.0   | 55.5   | 56.0   | 57.2   | 58.5   | 61.0   | 66.0   |
| 107.5° | 78.0   | 77.8   | 77.0   | 77.8   | 78.5   | 79.2   | 80.0   | 81.0   | 82.0   | 84.0   | 88.0   |
| 110°   | 101.0  | 101.2  | 102.0  | 102.2  | 102.5  | 102.8  | 103.0  | 103.8  | 104.5  | 106.0  | 110.0  |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 1°    | 5°    | 7.5°  | 10°   | 12.5° | 15°   | 17.5° | 20°   | 25°   | 35°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 124.0 | 124.0 | 124.0 | 124.5 | 125.0 | 125.5 | 126.0 | 126.8 | 127.5 | 129.0 | 132.0 |
| 115°   | 146.0 | 146.2 | 147.0 | 147.5 | 148.0 | 148.5 | 149.0 | 149.5 | 150.0 | 151.0 | 154.0 |
| 117.5° | 169.0 | 169.2 | 170.0 | 170.5 | 171.0 | 171.5 | 172.0 | 172.5 | 173.0 | 174.0 | 177.0 |
| 120°   | 193.0 | 193.4 | 195.0 | 195.2 | 195.5 | 195.8 | 196.0 | 196.5 | 197.0 | 198.0 | 201.0 |
| 122.5° | 219.0 | 219.2 | 220.0 | 220.2 | 220.5 | 220.8 | 221.0 | 221.5 | 222.0 | 223.0 | 226.0 |
| 125°   | 244.0 | 244.4 | 246.0 | 246.2 | 246.5 | 246.8 | 247.0 | 247.2 | 247.5 | 248.0 | 251.0 |
| 127.5° | 267.0 | 267.4 | 269.0 | 269.2 | 269.5 | 269.8 | 270.0 | 270.5 | 271.0 | 272.0 | 274.0 |
| 130°   | 290.0 | 290.4 | 292.0 | 292.2 | 292.5 | 292.8 | 293.0 | 293.2 | 293.5 | 294.0 | 298.0 |
| 132.5° | 313.0 | 313.2 | 314.0 | 314.8 | 315.5 | 316.2 | 317.0 | 317.2 | 317.5 | 318.0 | 321.0 |
| 135°   | 336.0 | 336.2 | 337.0 | 337.5 | 338.0 | 338.5 | 339.0 | 339.5 | 340.0 | 341.0 | 345.0 |
| 137.5° | 359.0 | 359.2 | 360.0 | 360.8 | 361.5 | 362.2 | 363.0 | 363.2 | 363.5 | 364.0 | 367.0 |
| 140°   | 382.0 | 382.2 | 383.0 | 383.5 | 384.0 | 384.5 | 385.0 | 385.2 | 385.5 | 386.0 | 388.0 |
| 142.5° | 404.0 | 404.4 | 406.0 | 406.5 | 407.0 | 407.5 | 408.0 | 407.8 | 407.5 | 407.0 | 410.0 |
| 145°   | 425.0 | 425.2 | 426.0 | 426.5 | 427.0 | 427.5 | 428.0 | 428.0 | 428.0 | 428.0 | 431.0 |
| 147.5° | 444.0 | 444.0 | 444.0 | 444.8 | 445.5 | 446.2 | 447.0 | 447.2 | 447.5 | 448.0 | 452.0 |
| 150°   | 461.0 | 461.2 | 462.0 | 462.5 | 463.0 | 463.5 | 464.0 | 464.2 | 464.5 | 465.0 | 469.0 |
| 152.5° | 479.0 | 479.2 | 480.0 | 480.8 | 481.5 | 482.2 | 483.0 | 482.8 | 482.5 | 482.0 | 485.0 |
| 155°   | 499.0 | 499.2 | 500.0 | 500.5 | 501.0 | 501.5 | 502.0 | 501.8 | 501.5 | 501.0 | 503.0 |
| 157.5° | 513.0 | 513.4 | 515.0 | 515.5 | 516.0 | 516.5 | 517.0 | 516.8 | 516.5 | 516.0 | 519.0 |
| 160°   | 525.0 | 525.4 | 527.0 | 527.5 | 528.0 | 528.5 | 529.0 | 529.0 | 529.0 | 529.0 | 532.0 |
| 162.5° | 535.0 | 535.2 | 536.0 | 536.8 | 537.5 | 538.2 | 539.0 | 538.8 | 538.5 | 538.0 | 541.0 |
| 165°   | 546.0 | 546.2 | 547.0 | 547.5 | 548.0 | 548.5 | 549.0 | 548.8 | 548.5 | 548.0 | 552.0 |
| 167.5° | 555.0 | 555.2 | 556.0 | 556.8 | 557.5 | 558.2 | 559.0 | 558.8 | 558.5 | 558.0 | 561.0 |
| 170°   | 562.0 | 562.2 | 563.0 | 563.8 | 564.5 | 565.2 | 566.0 | 565.8 | 565.5 | 565.0 | 567.0 |
| 172.5° | 565.0 | 565.2 | 566.0 | 566.8 | 567.5 | 568.2 | 569.0 | 568.5 | 568.0 | 567.0 | 569.0 |
| 175°   | 567.0 | 567.4 | 569.0 | 569.2 | 569.5 | 569.8 | 570.0 | 569.8 | 569.5 | 569.0 | 572.0 |
| 177.5° | 572.0 | 572.2 | 573.0 | 573.5 | 574.0 | 574.5 | 575.0 | 574.8 | 574.5 | 574.0 | 578.0 |
| 180°   | 576.0 | 576.0 | 576.0 | 576.0 | 576.0 | 576.0 | 576.0 | 576.0 | 576.0 | 576.0 | 576.0 |





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**CANDELA DISTRIBUTION (continued):**

|        | 45°    | 50°    | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 487.3  | 487.3  | 487.3  | 487.3  | 487.3  | 487.3  | 487.3  | 487.3  | 487.3  | 487.3  | 487.3  |
| 2.5°   | 567.5  | 568.2  | 566.1  | 571.0  | 565.4  | 562.6  | 554.3  | 554.3  | 547.3  | 541.7  | 535.4  |
| 5°     | 633.7  | 637.9  | 634.4  | 635.1  | 624.0  | 612.8  | 596.1  | 586.3  | 568.9  | 550.1  | 530.6  |
| 7.5°   | 678.4  | 685.3  | 682.6  | 670.7  | 653.3  | 629.6  | 601.7  | 575.2  | 546.6  | 515.9  | 487.3  |
| 10°    | 690.2  | 697.9  | 691.6  | 669.3  | 640.7  | 607.3  | 573.8  | 538.2  | 503.4  | 470.6  | 439.9  |
| 12.5°  | 673.5  | 679.1  | 665.8  | 641.4  | 613.5  | 580.1  | 545.2  | 514.5  | 473.4  | 438.5  | 403.0  |
| 15°    | 631.0  | 627.5  | 626.1  | 608.6  | 589.1  | 561.9  | 529.2  | 497.8  | 459.5  | 423.9  | 386.2  |
| 17.5°  | 584.9  | 580.8  | 582.2  | 575.2  | 572.4  | 559.8  | 535.4  | 509.0  | 474.8  | 431.6  | 391.1  |
| 20°    | 544.5  | 540.3  | 542.4  | 545.9  | 556.4  | 557.1  | 552.9  | 535.4  | 510.3  | 465.0  | 415.5  |
| 22.5°  | 509.6  | 510.3  | 517.3  | 527.1  | 544.5  | 566.8  | 584.2  | 587.7  | 570.3  | 517.3  | 455.3  |
| 25°    | 499.2  | 495.7  | 503.4  | 519.4  | 548.7  | 591.9  | 631.0  | 650.5  | 640.7  | 587.7  | 511.7  |
| 27.5°  | 495.7  | 490.8  | 499.2  | 520.1  | 566.8  | 627.5  | 683.2  | 712.5  | 716.0  | 661.6  | 572.4  |
| 30°    | 495.7  | 493.6  | 502.0  | 529.2  | 578.7  | 639.3  | 701.4  | 745.3  | 759.2  | 713.9  | 625.4  |
| 32.5°  | 502.0  | 503.4  | 518.0  | 552.9  | 603.8  | 665.8  | 730.0  | 777.4  | 802.5  | 768.3  | 667.9  |
| 35°    | 515.9  | 518.7  | 539.6  | 580.1  | 635.1  | 697.9  | 756.5  | 804.6  | 845.0  | 826.9  | 707.7  |
| 37.5°  | 545.9  | 550.1  | 575.9  | 617.0  | 667.2  | 723.7  | 780.9  | 832.4  | 891.0  | 883.3  | 749.5  |
| 40°    | 598.9  | 598.9  | 624.7  | 660.2  | 701.4  | 744.6  | 801.1  | 861.7  | 933.5  | 944.0  | 801.1  |
| 42.5°  | 665.8  | 663.0  | 679.8  | 705.6  | 734.1  | 770.4  | 821.3  | 888.9  | 973.3  | 996.3  | 840.1  |
| 45°    | 757.8  | 743.9  | 753.0  | 759.2  | 773.2  | 795.5  | 840.8  | 914.7  | 1005.4 | 1035.3 | 869.4  |
| 47.5°  | 865.9  | 846.4  | 838.7  | 826.9  | 822.0  | 830.4  | 869.4  | 934.9  | 1036.0 | 1068.8 | 916.8  |
| 50°    | 985.1  | 966.3  | 946.1  | 914.0  | 886.1  | 877.8  | 901.5  | 962.1  | 1068.8 | 1110.6 | 969.1  |
| 52.5°  | 1109.2 | 1096.0 | 1069.5 | 1019.3 | 966.3  | 936.3  | 947.5  | 1007.4 | 1121.1 | 1175.5 | 1031.1 |
| 55°    | 1222.9 | 1227.1 | 1195.0 | 1136.4 | 1060.4 | 1014.4 | 1027.7 | 1087.6 | 1215.9 | 1280.0 | 1135.0 |
| 57.5°  | 1344.9 | 1333.7 | 1308.6 | 1248.0 | 1165.0 | 1115.5 | 1121.1 | 1193.6 | 1321.9 | 1370.7 | 1238.2 |
| 60°    | 1425.8 | 1425.8 | 1398.6 | 1352.6 | 1273.8 | 1227.8 | 1236.1 | 1303.1 | 1406.9 | 1411.8 | 1284.2 |
| 62.5°  | 1478.1 | 1485.7 | 1464.1 | 1431.3 | 1354.6 | 1316.3 | 1344.9 | 1392.3 | 1448.8 | 1408.3 | 1261.2 |
| 65°    | 1453.0 | 1461.3 | 1459.2 | 1423.0 | 1368.6 | 1365.8 | 1417.4 | 1428.5 | 1423.7 | 1357.4 | 1181.7 |
| 67.5°  | 1339.3 | 1322.6 | 1321.9 | 1303.1 | 1291.9 | 1349.8 | 1415.3 | 1418.8 | 1336.5 | 1257.7 | 1056.2 |
| 70°    | 1123.2 | 1094.6 | 1083.4 | 1089.0 | 1139.9 | 1248.0 | 1341.4 | 1314.9 | 1183.8 | 1116.2 | 899.4  |
| 72.5°  | 865.9  | 831.8  | 824.8  | 846.4  | 925.2  | 1077.2 | 1204.8 | 1167.8 | 973.3  | 894.5  | 696.5  |
| 75°    | 614.2  | 599.6  | 600.3  | 642.8  | 727.9  | 874.3  | 1022.8 | 1019.3 | 720.9  | 617.0  | 479.7  |
| 77.5°  | 446.9  | 449.7  | 462.2  | 479.0  | 552.2  | 693.7  | 833.1  | 824.1  | 513.1  | 423.9  | 335.4  |
| 80°    | 368.8  | 373.0  | 373.0  | 363.9  | 382.8  | 458.1  | 566.1  | 604.5  | 343.7  | 285.2  | 234.3  |
| 82.5°  | 264.9  | 285.8  | 297.7  | 283.1  | 276.1  | 301.9  | 354.9  | 380.0  | 214.0  | 179.9  | 163.8  |
| 85°    | 126.2  | 144.3  | 148.5  | 145.0  | 166.6  | 190.3  | 202.9  | 207.8  | 117.1  | 83.7   | 107.4  |
| 87.5°  | 0.0    | 0.0    | 0.7    | 5.6    | 15.3   | 26.5   | 26.5   | 40.4   | 6.3    | 2.1    | 4.9    |
| 90°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 92.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 95°    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    |
| 97.5°  | 9.0    | 11.0   | 13.0   | 10.0   | 7.0    | 6.0    | 5.0    | 4.5    | 4.0    | 4.0    | 4.0    |
| 100°   | 30.0   | 31.0   | 32.0   | 31.0   | 30.0   | 28.5   | 27.0   | 26.5   | 26.0   | 25.0   | 26.0   |
| 102.5° | 50.0   | 50.5   | 51.0   | 50.5   | 50.0   | 49.0   | 48.0   | 48.5   | 49.0   | 48.0   | 49.0   |
| 105°   | 70.0   | 70.5   | 71.0   | 71.0   | 71.0   | 70.0   | 69.0   | 70.0   | 71.0   | 69.0   | 71.0   |
| 107.5° | 91.0   | 92.0   | 93.0   | 92.5   | 92.0   | 91.5   | 91.0   | 91.5   | 92.0   | 91.0   | 92.0   |
| 110°   | 112.0  | 113.0  | 114.0  | 114.0  | 114.0  | 113.5  | 113.0  | 113.5  | 114.0  | 113.0  | 114.0  |



REPORT NUMBER: P228524

CATALOG NUMBER: ISC-AF-350-LED-E1-SLL-7030-ULG

**CANDELA DISTRIBUTION (continued):**

|        | 45°   | 50°   | 55°   | 60°   | 65°   | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 134.0 | 135.0 | 136.0 | 136.0 | 136.0 | 135.5 | 135.0 | 136.0 | 137.0 | 135.0 | 137.0 |
| 115°   | 156.0 | 157.0 | 158.0 | 158.0 | 158.0 | 158.0 | 158.0 | 159.0 | 160.0 | 159.0 | 160.0 |
| 117.5° | 179.0 | 179.5 | 180.0 | 180.5 | 181.0 | 180.5 | 180.0 | 181.0 | 182.0 | 180.0 | 182.0 |
| 120°   | 202.0 | 203.0 | 204.0 | 204.0 | 204.0 | 204.0 | 204.0 | 205.0 | 206.0 | 204.0 | 206.0 |
| 122.5° | 227.0 | 227.5 | 228.0 | 228.0 | 228.0 | 228.5 | 229.0 | 231.0 | 233.0 | 232.0 | 233.0 |
| 125°   | 252.0 | 252.5 | 253.0 | 253.5 | 254.0 | 254.0 | 254.0 | 255.5 | 257.0 | 256.0 | 257.0 |
| 127.5° | 276.0 | 277.0 | 278.0 | 277.5 | 277.0 | 277.5 | 278.0 | 279.5 | 281.0 | 278.0 | 281.0 |
| 130°   | 299.0 | 300.0 | 301.0 | 301.0 | 301.0 | 301.5 | 302.0 | 303.5 | 305.0 | 303.0 | 305.0 |
| 132.5° | 322.0 | 323.5 | 325.0 | 325.0 | 325.0 | 325.5 | 326.0 | 327.5 | 329.0 | 327.0 | 329.0 |
| 135°   | 345.0 | 346.5 | 348.0 | 348.0 | 348.0 | 348.5 | 349.0 | 350.0 | 351.0 | 350.0 | 351.0 |
| 137.5° | 367.0 | 368.0 | 369.0 | 369.0 | 369.0 | 369.5 | 370.0 | 372.0 | 374.0 | 372.0 | 374.0 |
| 140°   | 389.0 | 389.5 | 390.0 | 390.0 | 390.0 | 391.0 | 392.0 | 394.0 | 396.0 | 394.0 | 396.0 |
| 142.5° | 410.0 | 411.0 | 412.0 | 412.0 | 412.0 | 412.5 | 413.0 | 414.5 | 416.0 | 415.0 | 416.0 |
| 145°   | 432.0 | 433.0 | 434.0 | 433.5 | 433.0 | 433.5 | 434.0 | 435.5 | 437.0 | 435.0 | 437.0 |
| 147.5° | 453.0 | 453.5 | 454.0 | 453.0 | 452.0 | 452.5 | 453.0 | 454.5 | 456.0 | 453.0 | 456.0 |
| 150°   | 470.0 | 470.5 | 471.0 | 470.0 | 469.0 | 469.0 | 469.0 | 471.0 | 473.0 | 470.0 | 473.0 |
| 152.5° | 486.0 | 486.5 | 487.0 | 486.5 | 486.0 | 486.0 | 486.0 | 487.5 | 489.0 | 486.0 | 489.0 |
| 155°   | 503.0 | 503.5 | 504.0 | 503.5 | 503.0 | 503.5 | 504.0 | 505.5 | 507.0 | 505.0 | 507.0 |
| 157.5° | 519.0 | 519.0 | 519.0 | 518.0 | 517.0 | 517.5 | 518.0 | 520.5 | 523.0 | 520.0 | 523.0 |
| 160°   | 532.0 | 532.0 | 532.0 | 531.0 | 530.0 | 530.0 | 530.0 | 531.5 | 533.0 | 531.0 | 533.0 |
| 162.5° | 541.0 | 541.5 | 542.0 | 541.0 | 540.0 | 539.0 | 538.0 | 539.0 | 540.0 | 537.0 | 540.0 |
| 165°   | 552.0 | 552.5 | 553.0 | 551.5 | 550.0 | 549.0 | 548.0 | 549.0 | 550.0 | 548.0 | 550.0 |
| 167.5° | 560.0 | 560.0 | 560.0 | 559.0 | 558.0 | 558.5 | 559.0 | 561.0 | 563.0 | 561.0 | 563.0 |
| 170°   | 566.0 | 565.5 | 565.0 | 564.5 | 564.0 | 565.0 | 566.0 | 568.5 | 571.0 | 569.0 | 571.0 |
| 172.5° | 568.0 | 568.5 | 569.0 | 568.0 | 567.0 | 567.5 | 568.0 | 569.5 | 571.0 | 568.0 | 571.0 |
| 175°   | 572.0 | 572.5 | 573.0 | 571.5 | 570.0 | 569.0 | 568.0 | 569.5 | 571.0 | 568.0 | 571.0 |
| 177.5° | 577.0 | 577.0 | 577.0 | 575.5 | 574.0 | 574.0 | 574.0 | 575.5 | 577.0 | 574.0 | 577.0 |
| 180°   | 576.0 | 576.0 | 576.0 | 576.0 | 576.0 | 576.0 | 576.0 | 576.0 | 576.0 | 576.0 | 576.0 |



REPORT NUMBER: P228524

CATALOG NUMBER: ISC-AF-350-LED-E1-SLL-7030-ULG

**CANDELA DISTRIBUTION (continued):**

|        | 100°  | 105°  | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 145°  | 155°  | 165°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 487.3 | 487.3 | 487.3 | 487.3 | 487.3 | 487.3 | 487.3 | 487.3 | 487.3 | 487.3 | 487.3 |
| 2.5°   | 527.1 | 518.0 | 511.0 | 502.7 | 495.7 | 488.7 | 483.9 | 473.4 | 465.0 | 446.2 | 441.3 |
| 5°     | 514.5 | 495.0 | 481.8 | 469.2 | 453.2 | 442.0 | 430.2 | 415.5 | 399.5 | 372.3 | 363.9 |
| 7.5°   | 465.0 | 440.6 | 422.5 | 404.4 | 383.5 | 364.6 | 347.2 | 327.7 | 299.8 | 270.5 | 259.4 |
| 10°    | 411.3 | 385.5 | 360.4 | 338.8 | 313.7 | 292.8 | 277.5 | 263.5 | 241.2 | 218.9 | 204.3 |
| 12.5°  | 367.4 | 338.1 | 309.6 | 287.9 | 274.7 | 264.2 | 253.1 | 241.9 | 218.2 | 193.1 | 175.7 |
| 15°    | 347.2 | 313.0 | 287.9 | 269.8 | 258.0 | 245.4 | 232.2 | 219.6 | 191.7 | 162.4 | 141.5 |
| 17.5°  | 350.0 | 310.9 | 278.9 | 254.5 | 238.4 | 221.0 | 205.7 | 189.6 | 159.0 | 124.1 | 105.3 |
| 20°    | 365.3 | 313.0 | 269.1 | 240.5 | 217.5 | 195.2 | 175.7 | 155.5 | 117.8 | 90.6  | 77.4  |
| 22.5°  | 384.9 | 320.0 | 263.5 | 226.6 | 198.0 | 170.1 | 145.0 | 121.3 | 87.1  | 71.1  | 64.8  |
| 25°    | 418.3 | 336.0 | 262.1 | 214.0 | 179.2 | 145.7 | 119.9 | 94.8  | 70.4  | 62.7  | 59.3  |
| 27.5°  | 460.1 | 354.2 | 263.5 | 205.0 | 163.1 | 126.2 | 97.6  | 78.8  | 63.4  | 59.3  | 56.5  |
| 30°    | 502.0 | 373.0 | 257.3 | 191.0 | 144.3 | 108.1 | 83.7  | 71.8  | 62.7  | 57.9  | 53.0  |
| 32.5°  | 538.9 | 386.9 | 246.8 | 176.4 | 127.6 | 92.0  | 71.1  | 61.4  | 55.1  | 49.5  | 48.1  |
| 35°    | 565.4 | 393.2 | 235.0 | 167.3 | 116.4 | 82.3  | 62.7  | 55.1  | 48.8  | 43.2  | 40.4  |
| 37.5°  | 590.5 | 393.9 | 222.4 | 159.0 | 112.2 | 78.1  | 57.9  | 50.9  | 45.3  | 40.4  | 37.6  |
| 40°    | 616.3 | 391.1 | 215.4 | 150.6 | 106.0 | 76.0  | 55.8  | 47.4  | 43.9  | 38.3  | 35.6  |
| 42.5°  | 635.1 | 386.2 | 212.6 | 145.7 | 100.4 | 70.4  | 54.4  | 46.7  | 41.8  | 37.6  | 34.2  |
| 45°    | 652.6 | 381.4 | 212.6 | 141.5 | 96.2  | 66.9  | 51.6  | 47.4  | 40.4  | 37.0  | 32.8  |
| 47.5°  | 673.5 | 383.5 | 213.3 | 138.0 | 92.7  | 63.4  | 48.8  | 46.0  | 41.1  | 36.3  | 32.1  |
| 50°    | 709.0 | 407.2 | 216.8 | 136.0 | 89.9  | 60.7  | 46.7  | 43.9  | 45.3  | 35.6  | 31.4  |
| 52.5°  | 770.4 | 444.8 | 222.4 | 134.6 | 87.1  | 58.6  | 43.9  | 42.5  | 46.0  | 35.6  | 30.7  |
| 55°    | 850.6 | 483.2 | 228.0 | 131.1 | 83.0  | 54.4  | 42.5  | 39.7  | 42.5  | 35.6  | 30.0  |
| 57.5°  | 928.7 | 511.7 | 232.9 | 126.2 | 76.0  | 50.2  | 40.4  | 37.6  | 39.0  | 34.9  | 28.6  |
| 60°    | 974.0 | 534.1 | 237.7 | 117.8 | 67.6  | 45.3  | 38.3  | 35.6  | 34.9  | 34.9  | 27.9  |
| 62.5°  | 986.5 | 525.7 | 235.0 | 107.4 | 60.7  | 41.8  | 36.3  | 33.5  | 31.4  | 35.6  | 27.9  |
| 65°    | 946.8 | 481.8 | 224.5 | 98.3  | 55.8  | 40.4  | 34.2  | 32.1  | 30.0  | 30.7  | 26.5  |
| 67.5°  | 824.8 | 405.1 | 195.9 | 89.9  | 55.1  | 39.7  | 32.8  | 30.7  | 27.9  | 27.2  | 25.1  |
| 70°    | 672.8 | 317.9 | 162.4 | 83.7  | 54.4  | 39.7  | 31.4  | 28.6  | 26.5  | 24.4  | 23.0  |
| 72.5°  | 517.3 | 237.7 | 136.6 | 80.9  | 55.1  | 39.0  | 29.3  | 25.8  | 23.7  | 22.3  | 20.9  |
| 75°    | 363.9 | 168.0 | 113.6 | 72.5  | 51.6  | 37.0  | 27.2  | 23.0  | 20.9  | 19.5  | 18.1  |
| 77.5°  | 263.5 | 114.3 | 84.4  | 58.6  | 43.9  | 32.1  | 23.7  | 19.5  | 17.4  | 16.7  | 15.3  |
| 80°    | 168.0 | 70.4  | 56.5  | 43.2  | 32.1  | 25.1  | 18.1  | 15.3  | 13.9  | 12.5  | 11.9  |
| 82.5°  | 96.9  | 41.1  | 34.2  | 29.3  | 20.9  | 16.7  | 13.2  | 11.9  | 9.1   | 8.4   | 7.7   |
| 85°    | 59.3  | 25.8  | 18.8  | 15.3  | 13.2  | 10.5  | 7.7   | 7.0   | 4.9   | 4.2   | 3.5   |
| 87.5°  | 13.2  | 5.6   | 4.9   | 3.5   | 4.2   | 3.5   | 2.1   | 1.4   | 0.0   | 0.0   | 0.0   |
| 90°    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 92.5°  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 95°    | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   |
| 97.5°  | 4.5   | 5.0   | 6.0   | 7.0   | 10.0  | 13.0  | 11.0  | 9.0   | 4.0   | 3.0   | 2.0   |
| 100°   | 26.5  | 27.0  | 28.5  | 30.0  | 31.0  | 32.0  | 31.0  | 30.0  | 22.0  | 14.0  | 10.0  |
| 102.5° | 48.5  | 48.0  | 49.0  | 50.0  | 50.5  | 51.0  | 50.5  | 50.0  | 45.0  | 38.0  | 32.0  |
| 105°   | 70.0  | 69.0  | 70.0  | 71.0  | 71.0  | 71.0  | 70.5  | 70.0  | 66.0  | 61.0  | 56.0  |
| 107.5° | 91.5  | 91.0  | 91.5  | 92.0  | 92.5  | 93.0  | 92.0  | 91.0  | 88.0  | 84.0  | 80.0  |
| 110°   | 113.5 | 113.0 | 113.5 | 114.0 | 114.0 | 114.0 | 113.0 | 112.0 | 110.0 | 106.0 | 103.0 |



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REPORT N  
 CATALOG

**CANDELA DISTRIBUTION (continued):**

**CANDELA**

|        | 100°  | 105°  | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 145°  | 155°  | 165°  |        |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 112.5° | 136.0 | 135.0 | 135.5 | 136.0 | 136.0 | 136.0 | 135.0 | 134.0 | 132.0 | 129.0 | 126.0 | 0°     |
| 115°   | 159.0 | 158.0 | 158.0 | 158.0 | 158.0 | 158.0 | 157.0 | 156.0 | 154.0 | 151.0 | 149.0 | 2.5°   |
| 117.5° | 181.0 | 180.0 | 180.5 | 181.0 | 180.5 | 180.0 | 179.5 | 179.0 | 177.0 | 174.0 | 172.0 | 5°     |
| 120°   | 205.0 | 204.0 | 204.0 | 204.0 | 204.0 | 204.0 | 203.0 | 202.0 | 201.0 | 198.0 | 196.0 | 7.5°   |
| 122.5° | 231.0 | 229.0 | 228.5 | 228.0 | 228.0 | 228.0 | 227.5 | 227.0 | 226.0 | 223.0 | 221.0 | 10°    |
| 125°   | 255.5 | 254.0 | 254.0 | 254.0 | 253.5 | 253.0 | 252.5 | 252.0 | 251.0 | 248.0 | 247.0 | 12.5°  |
| 127.5° | 279.5 | 278.0 | 277.5 | 277.0 | 277.5 | 278.0 | 277.0 | 276.0 | 274.0 | 272.0 | 270.0 | 15°    |
| 130°   | 303.5 | 302.0 | 301.5 | 301.0 | 301.0 | 301.0 | 300.0 | 299.0 | 298.0 | 294.0 | 293.0 | 17.5°  |
| 132.5° | 327.5 | 326.0 | 325.5 | 325.0 | 325.0 | 325.0 | 323.5 | 322.0 | 321.0 | 318.0 | 317.0 | 20°    |
| 135°   | 350.0 | 349.0 | 348.5 | 348.0 | 348.0 | 348.0 | 346.5 | 345.0 | 345.0 | 341.0 | 339.0 | 22.5°  |
| 137.5° | 372.0 | 370.0 | 369.5 | 369.0 | 369.0 | 369.0 | 368.0 | 367.0 | 367.0 | 364.0 | 363.0 | 25°    |
| 140°   | 394.0 | 392.0 | 391.0 | 390.0 | 390.0 | 390.0 | 389.5 | 389.0 | 388.0 | 386.0 | 385.0 | 27.5°  |
| 142.5° | 414.5 | 413.0 | 412.5 | 412.0 | 412.0 | 412.0 | 411.0 | 410.0 | 410.0 | 407.0 | 408.0 | 30°    |
| 145°   | 435.5 | 434.0 | 433.5 | 433.0 | 433.5 | 434.0 | 433.0 | 432.0 | 431.0 | 428.0 | 428.0 | 32.5°  |
| 147.5° | 454.5 | 453.0 | 452.5 | 452.0 | 453.0 | 454.0 | 453.5 | 453.0 | 452.0 | 448.0 | 447.0 | 35°    |
| 150°   | 471.0 | 469.0 | 469.0 | 469.0 | 470.0 | 471.0 | 470.5 | 470.0 | 469.0 | 465.0 | 464.0 | 37.5°  |
| 152.5° | 487.5 | 486.0 | 486.0 | 486.0 | 486.5 | 487.0 | 486.5 | 486.0 | 485.0 | 482.0 | 483.0 | 40°    |
| 155°   | 505.5 | 504.0 | 503.5 | 503.0 | 503.5 | 504.0 | 503.5 | 503.0 | 503.0 | 501.0 | 502.0 | 42.5°  |
| 157.5° | 520.5 | 518.0 | 517.5 | 517.0 | 518.0 | 519.0 | 519.0 | 519.0 | 519.0 | 516.0 | 517.0 | 45°    |
| 160°   | 531.5 | 530.0 | 530.0 | 530.0 | 531.0 | 532.0 | 532.0 | 532.0 | 532.0 | 529.0 | 529.0 | 47.5°  |
| 162.5° | 539.0 | 538.0 | 539.0 | 540.0 | 541.0 | 542.0 | 541.5 | 541.0 | 541.0 | 538.0 | 539.0 | 50°    |
| 165°   | 549.0 | 548.0 | 549.0 | 550.0 | 551.5 | 553.0 | 552.5 | 552.0 | 552.0 | 548.0 | 549.0 | 52.5°  |
| 167.5° | 561.0 | 559.0 | 558.5 | 558.0 | 559.0 | 560.0 | 560.0 | 560.0 | 561.0 | 558.0 | 559.0 | 55°    |
| 170°   | 568.5 | 566.0 | 565.0 | 564.0 | 564.5 | 565.0 | 565.5 | 566.0 | 567.0 | 565.0 | 566.0 | 57.5°  |
| 172.5° | 569.5 | 568.0 | 567.5 | 567.0 | 568.0 | 569.0 | 568.5 | 568.0 | 569.0 | 567.0 | 569.0 | 60°    |
| 175°   | 569.5 | 568.0 | 569.0 | 570.0 | 571.5 | 573.0 | 572.5 | 572.0 | 572.0 | 569.0 | 570.0 | 62.5°  |
| 177.5° | 575.5 | 574.0 | 574.0 | 574.0 | 575.5 | 577.0 | 577.0 | 577.0 | 578.0 | 574.0 | 575.0 | 65°    |
| 180°   | 576.0 | 576.0 | 576.0 | 576.0 | 576.0 | 576.0 | 576.0 | 576.0 | 576.0 | 576.0 | 576.0 | 67.5°  |
|        |       |       |       |       |       |       |       |       |       |       |       | 70°    |
|        |       |       |       |       |       |       |       |       |       |       |       | 72.5°  |
|        |       |       |       |       |       |       |       |       |       |       |       | 75°    |
|        |       |       |       |       |       |       |       |       |       |       |       | 77.5°  |
|        |       |       |       |       |       |       |       |       |       |       |       | 80°    |
|        |       |       |       |       |       |       |       |       |       |       |       | 82.5°  |
|        |       |       |       |       |       |       |       |       |       |       |       | 85°    |
|        |       |       |       |       |       |       |       |       |       |       |       | 87.5°  |
|        |       |       |       |       |       |       |       |       |       |       |       | 90°    |
|        |       |       |       |       |       |       |       |       |       |       |       | 92.5°  |
|        |       |       |       |       |       |       |       |       |       |       |       | 95°    |
|        |       |       |       |       |       |       |       |       |       |       |       | 97.5°  |
|        |       |       |       |       |       |       |       |       |       |       |       | 100°   |
|        |       |       |       |       |       |       |       |       |       |       |       | 102.5° |
|        |       |       |       |       |       |       |       |       |       |       |       | 105°   |
|        |       |       |       |       |       |       |       |       |       |       |       | 107.5° |
|        |       |       |       |       |       |       |       |       |       |       |       | 110°   |



NUMBER: P228524  
 NUMBER: ISC-AF-350-LED-E1-SLL-7030-ULG

REPORT NUMBER: P  
 CATALOG NUMBER:

**DISTRIBUTION (continued):**

**CANDELA DISTRIBUTION**

| 175°  | 180°  | 185°  | 195°  | 205°  | 215°  | 225°  | 230°  | 232.5° | 235°  | 237.5° | 175°   | 175°  |
|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|--------|--------|-------|
| 487.3 | 487.3 | 487.3 | 487.3 | 487.3 | 487.3 | 487.3 | 487.3 | 487.3  | 487.3 | 487.3  | 112.5° | 124.0 |
| 433.7 | 423.2 | 423.9 | 421.8 | 416.2 | 407.2 | 404.4 | 399.5 | 400.2  | 403.0 | 400.2  | 115°   | 147.0 |
| 354.2 | 341.6 | 343.0 | 342.3 | 336.7 | 330.5 | 325.6 | 319.3 | 317.2  | 319.3 | 315.8  | 117.5° | 170.0 |
| 251.0 | 242.6 | 245.4 | 251.7 | 251.0 | 247.5 | 243.3 | 236.3 | 235.0  | 235.7 | 229.4  | 120°   | 195.0 |
| 191.7 | 183.4 | 181.3 | 180.6 | 179.2 | 177.1 | 171.5 | 165.9 | 163.8  | 164.5 | 160.4  | 122.5° | 220.0 |
| 160.4 | 153.4 | 145.0 | 137.3 | 130.4 | 127.6 | 120.6 | 117.1 | 116.4  | 116.4 | 114.3  | 125°   | 246.0 |
| 126.9 | 121.3 | 116.4 | 108.8 | 103.2 | 99.0  | 94.1  | 91.3  | 90.6   | 91.3  | 91.3   | 127.5° | 269.0 |
| 94.8  | 92.0  | 89.9  | 89.2  | 86.5  | 83.7  | 80.9  | 79.5  | 78.8   | 78.8  | 79.5   | 130°   | 292.0 |
| 72.5  | 71.8  | 71.8  | 71.8  | 75.3  | 78.1  | 78.8  | 76.7  | 76.0   | 75.3  | 74.6   | 132.5° | 314.0 |
| 62.7  | 62.1  | 62.7  | 66.9  | 64.8  | 62.7  | 62.7  | 62.7  | 62.7   | 62.7  | 63.4   | 135°   | 337.0 |
| 57.9  | 58.6  | 59.3  | 57.2  | 55.1  | 53.7  | 53.0  | 53.0  | 52.3   | 52.3  | 53.0   | 137.5° | 360.0 |
| 55.1  | 54.4  | 53.7  | 52.3  | 50.9  | 48.8  | 48.1  | 47.4  | 47.4   | 47.4  | 47.4   | 140°   | 383.0 |
| 51.6  | 50.9  | 50.2  | 48.8  | 46.7  | 43.9  | 43.2  | 43.2  | 42.5   | 43.2  | 43.2   | 142.5° | 406.0 |
| 47.4  | 46.7  | 46.0  | 44.6  | 42.5  | 41.1  | 40.4  | 39.0  | 39.0   | 39.0  | 39.7   | 145°   | 426.0 |
| 38.3  | 37.6  | 37.6  | 38.3  | 38.3  | 37.6  | 37.6  | 36.3  | 36.3   | 36.3  | 36.3   | 147.5° | 444.0 |
| 35.6  | 34.9  | 34.9  | 34.2  | 34.9  | 35.6  | 34.9  | 34.2  | 34.2   | 33.5  | 33.5   | 150°   | 462.0 |
| 33.5  | 33.5  | 32.8  | 32.1  | 32.1  | 33.5  | 32.8  | 32.1  | 31.4   | 31.4  | 31.4   | 152.5° | 480.0 |
| 32.1  | 31.4  | 31.4  | 30.7  | 30.7  | 30.7  | 30.0  | 29.3  | 28.6   | 28.6  | 28.6   | 155°   | 500.0 |
| 30.7  | 30.7  | 30.0  | 29.3  | 28.6  | 28.6  | 27.2  | 26.5  | 26.5   | 26.5  | 27.2   | 157.5° | 515.0 |
| 30.0  | 29.3  | 29.3  | 28.6  | 27.9  | 26.5  | 25.8  | 25.1  | 25.1   | 25.1  | 25.1   | 160°   | 527.0 |
| 29.3  | 28.6  | 27.9  | 27.9  | 26.5  | 25.8  | 25.1  | 24.4  | 24.4   | 24.4  | 24.4   | 162.5° | 536.0 |
| 28.6  | 27.9  | 27.2  | 26.5  | 25.8  | 25.1  | 24.4  | 23.7  | 23.7   | 23.7  | 23.7   | 165°   | 547.0 |
| 27.2  | 26.5  | 26.5  | 25.8  | 25.8  | 25.1  | 24.4  | 23.7  | 23.7   | 23.7  | 23.0   | 167.5° | 556.0 |
| 26.5  | 25.8  | 25.1  | 25.1  | 25.1  | 24.4  | 23.7  | 23.0  | 23.0   | 23.0  | 23.0   | 170°   | 563.0 |
| 25.8  | 25.1  | 25.1  | 24.4  | 24.4  | 23.7  | 23.7  | 23.0  | 22.3   | 22.3  | 21.6   | 172.5° | 566.0 |
| 25.1  | 24.4  | 24.4  | 23.7  | 24.4  | 23.7  | 23.0  | 22.3  | 21.6   | 21.6  | 20.9   | 175°   | 569.0 |
| 24.4  | 23.7  | 23.7  | 23.7  | 23.0  | 23.0  | 22.3  | 20.9  | 20.9   | 20.9  | 20.2   | 177.5° | 573.0 |
| 23.0  | 22.3  | 22.3  | 23.0  | 22.3  | 21.6  | 21.6  | 20.2  | 20.2   | 19.5  | 19.5   | 180°   | 576.0 |
| 20.9  | 20.9  | 20.9  | 21.6  | 20.9  | 20.2  | 20.2  | 19.5  | 18.8   | 18.1  | 18.1   |        |       |
| 19.5  | 18.8  | 19.5  | 19.5  | 19.5  | 18.8  | 19.5  | 18.1  | 17.4   | 16.7  | 16.7   |        |       |
| 16.7  | 16.7  | 16.7  | 16.7  | 16.7  | 16.7  | 16.7  | 16.7  | 16.0   | 15.3  | 14.6   |        |       |
| 13.2  | 13.9  | 13.9  | 13.9  | 13.9  | 14.6  | 13.9  | 13.9  | 13.9   | 13.2  | 12.5   |        |       |
| 9.8   | 9.8   | 10.5  | 11.2  | 10.5  | 11.2  | 10.5  | 11.2  | 10.5   | 10.5  | 10.5   |        |       |
| 5.6   | 5.6   | 6.3   | 7.0   | 7.0   | 7.7   | 6.3   | 7.0   | 7.0    | 7.7   | 7.0    |        |       |
| 2.1   | 2.1   | 2.1   | 2.1   | 2.8   | 2.8   | 2.1   | 2.8   | 2.8    | 3.5   | 3.5    |        |       |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    | 0.0   | 0.0    |        |       |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    | 0.0   | 0.0    |        |       |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    | 0.0   | 0.0    |        |       |
| 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 1.0    | 1.0   | 1.0    |        |       |
| 2.0   | 2.0   | 2.0   | 2.0   | 3.0   | 4.0   | 9.0   | 11.0  | 12.0   | 13.0  | 11.5   |        |       |
| 8.0   | 8.0   | 8.0   | 10.0  | 14.0  | 22.0  | 30.0  | 31.0  | 31.5   | 32.0  | 31.5   |        |       |
| 28.0  | 28.0  | 28.0  | 32.0  | 38.0  | 45.0  | 50.0  | 50.5  | 50.8   | 51.0  | 50.8   |        |       |
| 54.0  | 54.0  | 54.0  | 56.0  | 61.0  | 66.0  | 70.0  | 70.5  | 70.8   | 71.0  | 71.0   |        |       |
| 77.0  | 78.0  | 77.0  | 80.0  | 84.0  | 88.0  | 91.0  | 92.0  | 92.5   | 93.0  | 92.8   |        |       |
| 102.0 | 101.0 | 102.0 | 103.0 | 106.0 | 110.0 | 112.0 | 113.0 | 113.5  | 114.0 | 114.0  |        |       |

'228524  
 ISC-AF-350-LED-E1-SLL-7030-ULG

REPORT NUMBER: P228524  
 CATALOG NUMBER: ISC-AF-35

**TION (continued):**

**CANDELA DISTRIBUTION (con**

| 180°  | 185°  | 195°  | 205°  | 215°  | 225°  | 230°  | 232.5° | 235°  | 237.5° |        | 240°  | 242.5° |
|-------|-------|-------|-------|-------|-------|-------|--------|-------|--------|--------|-------|--------|
| 124.0 | 124.0 | 126.0 | 129.0 | 132.0 | 134.0 | 135.0 | 135.5  | 136.0 | 136.0  | 0°     | 487.3 | 487.3  |
| 146.0 | 147.0 | 149.0 | 151.0 | 154.0 | 156.0 | 157.0 | 157.5  | 158.0 | 158.0  | 2.5°   | 405.8 | 405.8  |
| 169.0 | 170.0 | 172.0 | 174.0 | 177.0 | 179.0 | 179.5 | 179.8  | 180.0 | 180.2  | 5°     | 318.6 | 317.9  |
| 193.0 | 195.0 | 196.0 | 198.0 | 201.0 | 202.0 | 203.0 | 203.5  | 204.0 | 204.0  | 7.5°   | 231.5 | 229.4  |
| 219.0 | 220.0 | 221.0 | 223.0 | 226.0 | 227.0 | 227.5 | 227.8  | 228.0 | 228.0  | 10°    | 161.7 | 156.2  |
| 244.0 | 246.0 | 247.0 | 248.0 | 251.0 | 252.0 | 252.5 | 252.8  | 253.0 | 253.2  | 12.5°  | 117.1 | 115.0  |
| 267.0 | 269.0 | 270.0 | 272.0 | 274.0 | 276.0 | 277.0 | 277.5  | 278.0 | 277.8  | 15°    | 92.7  | 92.7   |
| 290.0 | 292.0 | 293.0 | 294.0 | 298.0 | 299.0 | 300.0 | 300.5  | 301.0 | 301.0  | 17.5°  | 80.2  | 80.2   |
| 313.0 | 314.0 | 317.0 | 318.0 | 321.0 | 322.0 | 323.5 | 324.2  | 325.0 | 325.0  | 20°    | 73.9  | 73.2   |
| 336.0 | 337.0 | 339.0 | 341.0 | 345.0 | 345.0 | 346.5 | 347.2  | 348.0 | 348.0  | 22.5°  | 63.4  | 62.7   |
| 359.0 | 360.0 | 363.0 | 364.0 | 367.0 | 367.0 | 368.0 | 368.5  | 369.0 | 369.0  | 25°    | 52.3  | 52.3   |
| 382.0 | 383.0 | 385.0 | 386.0 | 388.0 | 389.0 | 389.5 | 389.8  | 390.0 | 390.0  | 27.5°  | 47.4  | 47.4   |
| 404.0 | 406.0 | 408.0 | 407.0 | 410.0 | 410.0 | 411.0 | 411.5  | 412.0 | 412.0  | 30°    | 43.2  | 43.9   |
| 425.0 | 426.0 | 428.0 | 428.0 | 431.0 | 432.0 | 433.0 | 433.5  | 434.0 | 433.8  | 32.5°  | 39.7  | 39.7   |
| 444.0 | 444.0 | 447.0 | 448.0 | 452.0 | 453.0 | 453.5 | 453.8  | 454.0 | 453.5  | 35°    | 35.6  | 35.6   |
| 461.0 | 462.0 | 464.0 | 465.0 | 469.0 | 470.0 | 470.5 | 470.8  | 471.0 | 470.5  | 37.5°  | 32.8  | 32.1   |
| 479.0 | 480.0 | 483.0 | 482.0 | 485.0 | 486.0 | 486.5 | 486.8  | 487.0 | 486.8  | 40°    | 30.0  | 30.0   |
| 499.0 | 500.0 | 502.0 | 501.0 | 503.0 | 503.0 | 503.5 | 503.8  | 504.0 | 503.8  | 42.5°  | 27.9  | 27.9   |
| 513.0 | 515.0 | 517.0 | 516.0 | 519.0 | 519.0 | 519.0 | 519.0  | 519.0 | 518.5  | 45°    | 26.5  | 26.5   |
| 525.0 | 527.0 | 529.0 | 529.0 | 532.0 | 532.0 | 532.0 | 532.0  | 532.0 | 531.5  | 47.5°  | 25.8  | 25.8   |
| 535.0 | 536.0 | 539.0 | 538.0 | 541.0 | 541.0 | 541.5 | 541.8  | 542.0 | 541.5  | 50°    | 24.4  | 24.4   |
| 546.0 | 547.0 | 549.0 | 548.0 | 552.0 | 552.0 | 552.5 | 552.8  | 553.0 | 552.2  | 52.5°  | 23.7  | 23.7   |
| 555.0 | 556.0 | 559.0 | 558.0 | 561.0 | 560.0 | 560.0 | 560.0  | 560.0 | 559.5  | 55°    | 23.0  | 23.7   |
| 562.0 | 563.0 | 566.0 | 565.0 | 567.0 | 566.0 | 565.5 | 565.2  | 565.0 | 564.8  | 57.5°  | 22.3  | 22.3   |
| 565.0 | 566.0 | 569.0 | 567.0 | 569.0 | 568.0 | 568.5 | 568.8  | 569.0 | 568.5  | 60°    | 21.6  | 21.6   |
| 567.0 | 569.0 | 570.0 | 569.0 | 572.0 | 572.0 | 572.5 | 572.8  | 573.0 | 572.2  | 62.5°  | 20.9  | 20.9   |
| 572.0 | 573.0 | 575.0 | 574.0 | 578.0 | 577.0 | 577.0 | 577.0  | 577.0 | 576.2  | 65°    | 20.2  | 20.2   |
| 576.0 | 576.0 | 576.0 | 576.0 | 576.0 | 576.0 | 576.0 | 576.0  | 576.0 | 576.0  | 67.5°  | 18.8  | 18.8   |
|       |       |       |       |       |       |       |        |       |        | 70°    | 17.4  | 17.4   |
|       |       |       |       |       |       |       |        |       |        | 72.5°  | 16.0  | 16.0   |
|       |       |       |       |       |       |       |        |       |        | 75°    | 14.6  | 13.9   |
|       |       |       |       |       |       |       |        |       |        | 77.5°  | 12.5  | 11.9   |
|       |       |       |       |       |       |       |        |       |        | 80°    | 10.5  | 9.8    |
|       |       |       |       |       |       |       |        |       |        | 82.5°  | 7.7   | 7.0    |
|       |       |       |       |       |       |       |        |       |        | 85°    | 3.5   | 3.5    |
|       |       |       |       |       |       |       |        |       |        | 87.5°  | 0.0   | 0.0    |
|       |       |       |       |       |       |       |        |       |        | 90°    | 0.0   | 0.0    |
|       |       |       |       |       |       |       |        |       |        | 92.5°  | 0.0   | 0.0    |
|       |       |       |       |       |       |       |        |       |        | 95°    | 1.0   | 1.0    |
|       |       |       |       |       |       |       |        |       |        | 97.5°  | 10.0  | 8.5    |
|       |       |       |       |       |       |       |        |       |        | 100°   | 31.0  | 30.5   |
|       |       |       |       |       |       |       |        |       |        | 102.5° | 50.5  | 50.2   |
|       |       |       |       |       |       |       |        |       |        | 105°   | 71.0  | 71.0   |
|       |       |       |       |       |       |       |        |       |        | 107.5° | 92.5  | 92.2   |
|       |       |       |       |       |       |       |        |       |        | 110°   | 114.0 | 114.0  |

REPORT NUMBER: P228524

CATALOG NUMBER: ISC-AF-350-LED-E1-S

0-LED-E1-SLL-7030-ULG

**tinued):**

**CANDELA DISTRIBUTION (continued):**

| 245°  | 247.5° | 250°  | 252.5° | 255°  | 257.5° | 260°  | 265°  | 270°  |        | 240°  | 242.5° | 245°  |
|-------|--------|-------|--------|-------|--------|-------|-------|-------|--------|-------|--------|-------|
| 487.3 | 487.3  | 487.3 | 487.3  | 487.3 | 487.3  | 487.3 | 487.3 | 487.3 | 112.5° | 136.0 | 136.0  | 136.0 |
| 397.4 | 398.8  | 400.2 | 403.0  | 401.6 | 400.9  | 400.2 | 404.4 | 406.5 | 115°   | 158.0 | 158.0  | 158.0 |
| 307.5 | 306.8  | 308.9 | 309.6  | 307.5 | 304.0  | 301.9 | 302.6 | 304.7 | 117.5° | 180.5 | 180.8  | 181.0 |
| 219.6 | 218.2  | 217.5 | 218.2  | 216.1 | 212.6  | 209.9 | 210.6 | 212.6 | 120°   | 204.0 | 204.0  | 204.0 |
| 154.8 | 155.5  | 156.9 | 158.3  | 158.3 | 158.3  | 159.0 | 163.1 | 168.0 | 122.5° | 228.0 | 228.0  | 228.0 |
| 116.4 | 117.8  | 120.6 | 122.7  | 124.8 | 125.5  | 126.2 | 131.8 | 136.0 | 125°   | 253.5 | 253.8  | 254.0 |
| 94.1  | 94.8   | 96.2  | 97.6   | 99.0  | 99.0   | 99.7  | 101.8 | 105.3 | 127.5° | 277.5 | 277.2  | 277.0 |
| 80.2  | 80.2   | 80.2  | 79.5   | 78.8  | 77.4   | 76.7  | 76.0  | 76.7  | 130°   | 301.0 | 301.0  | 301.0 |
| 71.8  | 71.1   | 69.7  | 68.3   | 67.6  | 65.5   | 64.8  | 62.7  | 62.1  | 132.5° | 325.0 | 325.0  | 325.0 |
| 62.7  | 62.7   | 62.7  | 62.1   | 61.4  | 60.7   | 59.3  | 57.2  | 55.8  | 135°   | 348.0 | 348.0  | 348.0 |
| 52.3  | 53.0   | 53.0  | 53.7   | 55.1  | 55.1   | 55.1  | 55.1  | 53.0  | 137.5° | 369.0 | 369.0  | 369.0 |
| 47.4  | 47.4   | 48.1  | 48.1   | 48.8  | 48.8   | 48.8  | 49.5  | 50.2  | 140°   | 390.0 | 390.0  | 390.0 |
| 43.9  | 44.6   | 44.6  | 45.3   | 45.3  | 46.0   | 46.0  | 46.7  | 46.7  | 142.5° | 412.0 | 412.0  | 412.0 |
| 40.4  | 41.1   | 41.1  | 41.1   | 42.5  | 42.5   | 41.8  | 42.5  | 42.5  | 145°   | 433.5 | 433.2  | 433.0 |
| 35.6  | 35.6   | 35.6  | 35.6   | 35.6  | 35.6   | 34.2  | 33.5  | 34.2  | 147.5° | 453.0 | 452.5  | 452.0 |
| 32.1  | 31.4   | 30.7  | 30.7   | 30.7  | 31.4   | 30.7  | 31.4  | 31.4  | 150°   | 470.0 | 469.5  | 469.0 |
| 29.3  | 29.3   | 29.3  | 29.3   | 29.3  | 29.3   | 29.3  | 30.0  | 30.7  | 152.5° | 486.5 | 486.2  | 486.0 |
| 27.9  | 27.9   | 27.9  | 27.9   | 27.9  | 27.9   | 27.9  | 28.6  | 28.6  | 155°   | 503.5 | 503.2  | 503.0 |
| 26.5  | 26.5   | 27.2  | 27.2   | 27.2  | 27.2   | 27.2  | 27.2  | 27.9  | 157.5° | 518.0 | 517.5  | 517.0 |
| 25.8  | 25.8   | 25.8  | 25.8   | 25.8  | 25.8   | 25.8  | 26.5  | 27.2  | 160°   | 531.0 | 530.5  | 530.0 |
| 25.1  | 25.1   | 25.1  | 25.1   | 25.1  | 25.1   | 25.1  | 25.8  | 26.5  | 162.5° | 541.0 | 540.5  | 540.0 |
| 23.7  | 24.4   | 24.4  | 24.4   | 24.4  | 24.4   | 24.4  | 24.4  | 25.1  | 165°   | 551.5 | 550.8  | 550.0 |
| 23.7  | 23.7   | 23.7  | 23.7   | 23.0  | 23.0   | 23.0  | 23.0  | 23.7  | 167.5° | 559.0 | 558.5  | 558.0 |
| 23.0  | 23.0   | 23.0  | 22.3   | 22.3  | 21.6   | 21.6  | 21.6  | 23.0  | 170°   | 564.5 | 564.2  | 564.0 |
| 21.6  | 21.6   | 21.6  | 20.9   | 20.9  | 20.9   | 20.9  | 21.6  | 21.6  | 172.5° | 568.0 | 567.5  | 567.0 |
| 20.2  | 20.2   | 20.2  | 20.2   | 20.2  | 20.2   | 20.2  | 20.2  | 20.2  | 175°   | 571.5 | 570.8  | 570.0 |
| 19.5  | 19.5   | 19.5  | 19.5   | 19.5  | 19.5   | 19.5  | 19.5  | 19.5  | 177.5° | 575.5 | 574.8  | 574.0 |
| 18.8  | 18.1   | 18.1  | 18.1   | 18.1  | 18.8   | 18.1  | 18.1  | 18.1  | 180°   | 576.0 | 576.0  | 576.0 |
| 17.4  | 16.7   | 16.7  | 16.7   | 16.7  | 16.7   | 16.7  | 16.7  | 16.7  |        |       |        |       |
| 16.0  | 16.0   | 15.3  | 15.3   | 15.3  | 15.3   | 15.3  | 15.3  | 15.3  |        |       |        |       |
| 13.9  | 13.2   | 13.2  | 13.2   | 13.2  | 13.2   | 13.2  | 13.2  | 13.2  |        |       |        |       |
| 11.9  | 11.9   | 11.2  | 11.2   | 11.2  | 11.2   | 11.2  | 11.2  | 11.2  |        |       |        |       |
| 9.8   | 9.1    | 9.1   | 9.1    | 9.1   | 9.1    | 9.1   | 8.4   | 8.4   |        |       |        |       |
| 7.0   | 7.0    | 7.0   | 6.3    | 6.3   | 6.3    | 6.3   | 5.6   | 4.9   |        |       |        |       |
| 2.8   | 3.5    | 3.5   | 4.2    | 3.5   | 3.5    | 3.5   | 2.8   | 1.4   |        |       |        |       |
| 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0   | 0.0   |        |       |        |       |
| 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0   | 0.0   |        |       |        |       |
| 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0   | 0.0   |        |       |        |       |
| 1.0   | 1.0    | 1.0   | 1.0    | 1.0   | 1.0    | 1.0   | 1.0   | 1.0   |        |       |        |       |
| 7.0   | 6.5    | 6.0   | 5.5    | 5.0   | 4.8    | 4.5   | 4.0   | 4.0   |        |       |        |       |
| 30.0  | 29.2   | 28.5  | 27.8   | 27.0  | 26.8   | 26.5  | 26.0  | 25.0  |        |       |        |       |
| 50.0  | 49.5   | 49.0  | 48.5   | 48.0  | 48.2   | 48.5  | 49.0  | 48.0  |        |       |        |       |
| 71.0  | 70.5   | 70.0  | 69.5   | 69.0  | 69.5   | 70.0  | 71.0  | 69.0  |        |       |        |       |
| 92.0  | 91.8   | 91.5  | 91.2   | 91.0  | 91.2   | 91.5  | 92.0  | 91.0  |        |       |        |       |
| 114.0 | 113.8  | 113.5 | 113.2  | 113.0 | 113.2  | 113.5 | 114.0 | 113.0 |        |       |        |       |



REPORT NUMBER: P228524

CATALOG NUMBER: ISC-AF-350-LED-E1-SLL-7030-L

SLL-7030-ULG

**CANDELA DISTRIBUTION (continued):**

| 247.5° | 250°  | 252.5° | 255°  | 257.5° | 260°  | 265°  | 270°  |        | 275°  | 280°  | 282.5° | 285°  |
|--------|-------|--------|-------|--------|-------|-------|-------|--------|-------|-------|--------|-------|
| 135.8  | 135.5 | 135.2  | 135.0 | 135.5  | 136.0 | 137.0 | 135.0 | 0°     | 487.3 | 487.3 | 487.3  | 487.3 |
| 158.0  | 158.0 | 158.0  | 158.0 | 158.5  | 159.0 | 160.0 | 159.0 | 2.5°   | 405.1 | 412.0 | 412.7  | 408.6 |
| 180.8  | 180.5 | 180.2  | 180.0 | 180.5  | 181.0 | 182.0 | 180.0 | 5°     | 301.9 | 310.9 | 310.3  | 304.7 |
| 204.0  | 204.0 | 204.0  | 204.0 | 204.5  | 205.0 | 206.0 | 204.0 | 7.5°   | 213.3 | 221.0 | 220.3  | 219.6 |
| 228.2  | 228.5 | 228.8  | 229.0 | 230.0  | 231.0 | 233.0 | 232.0 | 10°    | 172.9 | 179.9 | 182.0  | 186.8 |
| 254.0  | 254.0 | 254.0  | 254.0 | 254.8  | 255.5 | 257.0 | 256.0 | 12.5°  | 140.1 | 148.5 | 150.6  | 156.2 |
| 277.2  | 277.5 | 277.8  | 278.0 | 278.8  | 279.5 | 281.0 | 278.0 | 15°    | 108.1 | 115.0 | 117.1  | 121.3 |
| 301.2  | 301.5 | 301.8  | 302.0 | 302.8  | 303.5 | 305.0 | 303.0 | 17.5°  | 79.5  | 83.7  | 85.1   | 87.8  |
| 325.2  | 325.5 | 325.8  | 326.0 | 326.8  | 327.5 | 329.0 | 327.0 | 20°    | 62.1  | 63.4  | 64.1   | 64.8  |
| 348.2  | 348.5 | 348.8  | 349.0 | 349.5  | 350.0 | 351.0 | 350.0 | 22.5°  | 55.8  | 56.5  | 56.5   | 57.2  |
| 369.2  | 369.5 | 369.8  | 370.0 | 371.0  | 372.0 | 374.0 | 372.0 | 25°    | 51.6  | 52.3  | 52.3   | 53.0  |
| 390.5  | 391.0 | 391.5  | 392.0 | 393.0  | 394.0 | 396.0 | 394.0 | 27.5°  | 49.5  | 49.5  | 49.5   | 49.5  |
| 412.2  | 412.5 | 412.8  | 413.0 | 413.8  | 414.5 | 416.0 | 415.0 | 30°    | 47.4  | 47.4  | 47.4   | 48.1  |
| 433.2  | 433.5 | 433.8  | 434.0 | 434.8  | 435.5 | 437.0 | 435.0 | 32.5°  | 43.9  | 42.5  | 43.9   | 43.2  |
| 452.2  | 452.5 | 452.8  | 453.0 | 453.8  | 454.5 | 456.0 | 453.0 | 35°    | 34.2  | 34.2  | 34.9   | 35.6  |
| 469.0  | 469.0 | 469.0  | 469.0 | 470.0  | 471.0 | 473.0 | 470.0 | 37.5°  | 32.1  | 32.8  | 32.8   | 33.5  |
| 486.0  | 486.0 | 486.0  | 486.0 | 486.8  | 487.5 | 489.0 | 486.0 | 40°    | 30.7  | 31.4  | 32.1   | 32.8  |
| 503.2  | 503.5 | 503.8  | 504.0 | 504.8  | 505.5 | 507.0 | 505.0 | 42.5°  | 29.3  | 30.7  | 30.7   | 31.4  |
| 517.2  | 517.5 | 517.8  | 518.0 | 519.2  | 520.5 | 523.0 | 520.0 | 45°    | 28.6  | 29.3  | 30.0   | 30.7  |
| 530.0  | 530.0 | 530.0  | 530.0 | 530.8  | 531.5 | 533.0 | 531.0 | 47.5°  | 27.9  | 28.6  | 29.3   | 30.0  |
| 539.5  | 539.0 | 538.5  | 538.0 | 538.5  | 539.0 | 540.0 | 537.0 | 50°    | 26.5  | 27.9  | 28.6   | 29.3  |
| 549.5  | 549.0 | 548.5  | 548.0 | 548.5  | 549.0 | 550.0 | 548.0 | 52.5°  | 25.8  | 27.2  | 27.2   | 28.6  |
| 558.2  | 558.5 | 558.8  | 559.0 | 560.0  | 561.0 | 563.0 | 561.0 | 55°    | 24.4  | 25.8  | 25.8   | 27.2  |
| 564.5  | 565.0 | 565.5  | 566.0 | 567.2  | 568.5 | 571.0 | 569.0 | 57.5°  | 23.0  | 24.4  | 25.1   | 25.8  |
| 567.2  | 567.5 | 567.8  | 568.0 | 568.8  | 569.5 | 571.0 | 568.0 | 60°    | 22.3  | 23.0  | 23.7   | 24.4  |
| 569.5  | 569.0 | 568.5  | 568.0 | 568.8  | 569.5 | 571.0 | 568.0 | 62.5°  | 20.9  | 22.3  | 23.0   | 23.7  |
| 574.0  | 574.0 | 574.0  | 574.0 | 574.8  | 575.5 | 577.0 | 574.0 | 65°    | 20.2  | 21.6  | 21.6   | 23.0  |
| 576.0  | 576.0 | 576.0  | 576.0 | 576.0  | 576.0 | 576.0 | 576.0 | 67.5°  | 18.8  | 20.2  | 20.2   | 20.9  |
|        |       |        |       |        |       |       |       | 70°    | 17.4  | 18.1  | 18.8   | 19.5  |
|        |       |        |       |        |       |       |       | 72.5°  | 16.0  | 16.7  | 16.7   | 17.4  |
|        |       |        |       |        |       |       |       | 75°    | 13.2  | 13.9  | 14.6   | 15.3  |
|        |       |        |       |        |       |       |       | 77.5°  | 11.2  | 11.2  | 12.5   | 12.5  |
|        |       |        |       |        |       |       |       | 80°    | 8.4   | 8.4   | 9.1    | 9.8   |
|        |       |        |       |        |       |       |       | 82.5°  | 4.9   | 4.9   | 5.6    | 5.6   |
|        |       |        |       |        |       |       |       | 85°    | 1.4   | 1.4   | 1.4    | 1.4   |
|        |       |        |       |        |       |       |       | 87.5°  | 0.0   | 0.0   | 0.0    | 0.0   |
|        |       |        |       |        |       |       |       | 90°    | 0.0   | 0.0   | 0.0    | 0.0   |
|        |       |        |       |        |       |       |       | 92.5°  | 0.0   | 0.0   | 0.0    | 0.0   |
|        |       |        |       |        |       |       |       | 95°    | 1.0   | 1.0   | 1.0    | 1.0   |
|        |       |        |       |        |       |       |       | 97.5°  | 4.0   | 4.5   | 4.8    | 5.0   |
|        |       |        |       |        |       |       |       | 100°   | 26.0  | 26.5  | 26.8   | 27.0  |
|        |       |        |       |        |       |       |       | 102.5° | 49.0  | 48.5  | 48.2   | 48.0  |
|        |       |        |       |        |       |       |       | 105°   | 71.0  | 70.0  | 69.5   | 69.0  |
|        |       |        |       |        |       |       |       | 107.5° | 92.0  | 91.5  | 91.2   | 91.0  |
|        |       |        |       |        |       |       |       | 110°   | 114.0 | 113.5 | 113.2  | 113.0 |





REPORT NUMBER: P228524

CATALOG NUMBER: ISC-AF-350-LED-E1-SLL-7030-ULG

JLG

**CANDELA DISTRIBUTION (continued):**

| 287.5° | 290°  | 292.5° | 295°  | 297.5° | 300°  | 302.5° |        | 275°  | 280°  | 282.5° | 285°  | 287.5° |
|--------|-------|--------|-------|--------|-------|--------|--------|-------|-------|--------|-------|--------|
| 487.3  | 487.3 | 487.3  | 487.3 | 487.3  | 487.3 | 487.3  | 112.5° | 137.0 | 136.0 | 135.5  | 135.0 | 135.2  |
| 416.9  | 418.3 | 416.2  | 416.2 | 417.6  | 423.2 | 423.2  | 115°   | 160.0 | 159.0 | 158.5  | 158.0 | 158.0  |
| 315.8  | 319.3 | 317.2  | 317.9 | 320.7  | 327.0 | 330.5  | 117.5° | 182.0 | 181.0 | 180.5  | 180.0 | 180.2  |
| 226.6  | 229.4 | 230.8  | 232.9 | 241.2  | 241.9 | 246.1  | 120°   | 206.0 | 205.0 | 204.5  | 204.0 | 204.0  |
| 188.9  | 193.1 | 195.9  | 199.4 | 206.4  | 209.9 | 214.7  | 122.5° | 233.0 | 231.0 | 230.0  | 229.0 | 228.8  |
| 159.0  | 163.8 | 166.6  | 173.6 | 177.8  | 182.0 | 188.2  | 125°   | 257.0 | 255.5 | 254.8  | 254.0 | 254.0  |
| 124.1  | 129.7 | 132.5  | 136.6 | 145.0  | 149.2 | 157.6  | 127.5° | 281.0 | 279.5 | 278.8  | 278.0 | 277.8  |
| 89.9   | 92.0  | 97.6   | 104.6 | 109.5  | 116.4 | 120.6  | 130°   | 305.0 | 303.5 | 302.8  | 302.0 | 301.8  |
| 66.2   | 67.6  | 70.4   | 75.3  | 78.1   | 83.7  | 87.8   | 132.5° | 329.0 | 327.5 | 326.8  | 326.0 | 325.8  |
| 57.2   | 57.9  | 59.3   | 60.7  | 62.1   | 64.1  | 66.2   | 135°   | 351.0 | 350.0 | 349.5  | 349.0 | 348.8  |
| 53.0   | 53.7  | 54.4   | 55.1  | 56.5   | 57.2  | 57.9   | 137.5° | 374.0 | 372.0 | 371.0  | 370.0 | 369.8  |
| 50.2   | 50.2  | 50.9   | 52.3  | 52.3   | 53.7  | 54.4   | 140°   | 396.0 | 394.0 | 393.0  | 392.0 | 391.5  |
| 48.8   | 50.2  | 51.6   | 53.7  | 54.4   | 55.8  | 56.5   | 142.5° | 416.0 | 414.5 | 413.8  | 413.0 | 412.8  |
| 41.8   | 41.8  | 42.5   | 43.9  | 43.9   | 44.6  | 45.3   | 145°   | 437.0 | 435.5 | 434.8  | 434.0 | 433.8  |
| 35.6   | 36.3  | 37.0   | 37.6  | 38.3   | 39.7  | 40.4   | 147.5° | 456.0 | 454.5 | 453.8  | 453.0 | 452.8  |
| 34.2   | 34.2  | 34.9   | 36.3  | 37.0   | 37.6  | 38.3   | 150°   | 473.0 | 471.0 | 470.0  | 469.0 | 469.0  |
| 32.8   | 33.5  | 34.2   | 34.9  | 35.6   | 37.0  | 37.6   | 152.5° | 489.0 | 487.5 | 486.8  | 486.0 | 486.0  |
| 32.1   | 32.8  | 33.5   | 34.2  | 35.6   | 36.3  | 37.0   | 155°   | 507.0 | 505.5 | 504.8  | 504.0 | 503.8  |
| 31.4   | 32.1  | 32.8   | 34.2  | 34.9   | 36.3  | 37.0   | 157.5° | 523.0 | 520.5 | 519.2  | 518.0 | 517.8  |
| 30.7   | 31.4  | 32.1   | 33.5  | 34.9   | 36.3  | 37.6   | 160°   | 533.0 | 531.5 | 530.8  | 530.0 | 530.0  |
| 30.0   | 30.7  | 32.1   | 33.5  | 34.9   | 37.0  | 40.4   | 162.5° | 540.0 | 539.0 | 538.5  | 538.0 | 538.5  |
| 29.3   | 30.7  | 32.1   | 33.5  | 35.6   | 38.3  | 41.8   | 165°   | 550.0 | 549.0 | 548.5  | 548.0 | 548.5  |
| 28.6   | 30.0  | 30.7   | 32.8  | 34.9   | 37.6  | 38.3   | 167.5° | 563.0 | 561.0 | 560.0  | 559.0 | 558.8  |
| 27.2   | 28.6  | 29.3   | 31.4  | 34.2   | 34.9  | 34.2   | 170°   | 571.0 | 568.5 | 567.2  | 566.0 | 565.5  |
| 25.8   | 26.5  | 28.6   | 32.8  | 35.6   | 32.8  | 29.3   | 172.5° | 571.0 | 569.5 | 568.8  | 568.0 | 567.8  |
| 25.1   | 25.8  | 27.2   | 30.0  | 30.7   | 27.2  | 26.5   | 175°   | 571.0 | 569.5 | 568.8  | 568.0 | 568.5  |
| 23.7   | 23.7  | 24.4   | 24.4  | 24.4   | 24.4  | 24.4   | 177.5° | 577.0 | 575.5 | 574.8  | 574.0 | 574.0  |
| 21.6   | 21.6  | 22.3   | 22.3  | 22.3   | 22.3  | 22.3   | 180°   | 576.0 | 576.0 | 576.0  | 576.0 | 576.0  |
| 19.5   | 19.5  | 20.2   | 20.2  | 20.2   | 20.9  | 20.9   |        |       |       |        |       |        |
| 17.4   | 18.1  | 18.1   | 18.8  | 18.8   | 18.8  | 19.5   |        |       |       |        |       |        |
| 15.3   | 16.0  | 16.0   | 16.0  | 16.0   | 16.7  | 16.7   |        |       |       |        |       |        |
| 13.2   | 13.2  | 13.9   | 13.9  | 13.9   | 13.9  | 13.9   |        |       |       |        |       |        |
| 10.5   | 10.5  | 10.5   | 10.5  | 10.5   | 10.5  | 10.5   |        |       |       |        |       |        |
| 6.3    | 6.3   | 7.0    | 6.3   | 6.3    | 5.6   | 5.6    |        |       |       |        |       |        |
| 1.4    | 1.4   | 1.4    | 0.7   | 0.7    | 0.0   | 0.0    |        |       |       |        |       |        |
| 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |        |       |       |        |       |        |
| 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |        |       |       |        |       |        |
| 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |        |       |       |        |       |        |
| 1.0    | 1.0   | 1.0    | 1.0   | 1.0    | 1.0   | 1.0    |        |       |       |        |       |        |
| 5.5    | 6.0   | 6.5    | 7.0   | 8.5    | 10.0  | 11.5   |        |       |       |        |       |        |
| 27.8   | 28.5  | 29.2   | 30.0  | 30.5   | 31.0  | 31.5   |        |       |       |        |       |        |
| 48.5   | 49.0  | 49.5   | 50.0  | 50.2   | 50.5  | 50.8   |        |       |       |        |       |        |
| 69.5   | 70.0  | 70.5   | 71.0  | 71.0   | 71.0  | 71.0   |        |       |       |        |       |        |
| 91.2   | 91.5  | 91.8   | 92.0  | 92.2   | 92.5  | 92.8   |        |       |       |        |       |        |
| 113.2  | 113.5 | 113.8  | 114.0 | 114.0  | 114.0 | 114.0  |        |       |       |        |       |        |



REPORT NUMBER: P228524

CATALOG NUMBER: ISC-AF-350-LED-E1-SLL-7030-ULG

**CANDELA DISTRIBUTION (continued):**

| 290°  | 292.5° | 295°  | 297.5° | 300°  | 302.5° |        | 305°  | 307.5° | 310°  | 312.5° | 315°  | 317.5° |
|-------|--------|-------|--------|-------|--------|--------|-------|--------|-------|--------|-------|--------|
| 135.5 | 135.8  | 136.0 | 136.0  | 136.0 | 136.0  | 0°     | 487.3 | 487.3  | 487.3 | 487.3  | 487.3 | 487.3  |
| 158.0 | 158.0  | 158.0 | 158.0  | 158.0 | 158.0  | 2.5°   | 433.7 | 433.7  | 435.0 | 440.6  | 442.0 | 445.5  |
| 180.5 | 180.8  | 181.0 | 180.8  | 180.5 | 180.2  | 5°     | 343.0 | 345.8  | 350.0 | 357.0  | 361.1 | 368.8  |
| 204.0 | 204.0  | 204.0 | 204.0  | 204.0 | 204.0  | 7.5°   | 255.9 | 260.1  | 263.5 | 271.2  | 277.5 | 285.2  |
| 228.5 | 228.2  | 228.0 | 228.0  | 228.0 | 228.0  | 10°    | 221.7 | 225.2  | 230.1 | 235.0  | 241.2 | 244.7  |
| 254.0 | 254.0  | 254.0 | 253.8  | 253.5 | 253.2  | 12.5°  | 197.3 | 202.2  | 207.1 | 214.0  | 220.3 | 226.6  |
| 277.5 | 277.2  | 277.0 | 277.2  | 277.5 | 277.8  | 15°    | 167.3 | 172.9  | 178.5 | 186.2  | 195.2 | 201.5  |
| 301.5 | 301.2  | 301.0 | 301.0  | 301.0 | 301.0  | 17.5°  | 129.7 | 136.0  | 143.6 | 154.1  | 163.8 | 171.5  |
| 325.5 | 325.2  | 325.0 | 325.0  | 325.0 | 325.0  | 20°    | 95.5  | 101.1  | 108.1 | 117.1  | 124.1 | 137.3  |
| 348.5 | 348.2  | 348.0 | 348.0  | 348.0 | 348.0  | 22.5°  | 70.4  | 73.9   | 79.5  | 86.5   | 94.1  | 106.0  |
| 369.5 | 369.2  | 369.0 | 369.0  | 369.0 | 369.0  | 25°    | 59.3  | 60.7   | 62.7  | 66.9   | 71.8  | 80.2   |
| 391.0 | 390.5  | 390.0 | 390.0  | 390.0 | 390.0  | 27.5°  | 55.1  | 55.8   | 57.2  | 59.3   | 62.1  | 66.2   |
| 412.5 | 412.2  | 412.0 | 412.0  | 412.0 | 412.0  | 30°    | 57.9  | 57.9   | 57.9  | 58.6   | 60.0  | 62.1   |
| 433.5 | 433.2  | 433.0 | 433.2  | 433.5 | 433.8  | 32.5°  | 46.7  | 47.4   | 47.4  | 48.8   | 49.5  | 52.3   |
| 452.5 | 452.2  | 452.0 | 452.5  | 453.0 | 453.5  | 35°    | 41.8  | 42.5   | 43.2  | 43.9   | 45.3  | 46.0   |
| 469.0 | 469.0  | 469.0 | 469.5  | 470.0 | 470.5  | 37.5°  | 39.7  | 40.4   | 41.1  | 41.1   | 41.8  | 43.2   |
| 486.0 | 486.0  | 486.0 | 486.2  | 486.5 | 486.8  | 40°    | 39.0  | 39.0   | 39.0  | 39.0   | 40.4  | 41.8   |
| 503.5 | 503.2  | 503.0 | 503.2  | 503.5 | 503.8  | 42.5°  | 37.6  | 37.6   | 37.6  | 38.3   | 40.4  | 43.2   |
| 517.5 | 517.2  | 517.0 | 517.5  | 518.0 | 518.5  | 45°    | 37.6  | 37.6   | 38.3  | 41.1   | 41.8  | 41.8   |
| 530.0 | 530.0  | 530.0 | 530.5  | 531.0 | 531.5  | 47.5°  | 39.0  | 40.4   | 41.1  | 40.4   | 39.7  | 39.7   |
| 539.0 | 539.5  | 540.0 | 540.5  | 541.0 | 541.5  | 50°    | 42.5  | 41.8   | 39.0  | 38.3   | 38.3  | 37.0   |
| 549.0 | 549.5  | 550.0 | 550.8  | 551.5 | 552.2  | 52.5°  | 41.8  | 39.0   | 38.3  | 37.0   | 35.6  | 34.9   |
| 558.5 | 558.2  | 558.0 | 558.5  | 559.0 | 559.5  | 55°    | 37.6  | 37.0   | 34.9  | 33.5   | 32.8  | 33.5   |
| 565.0 | 564.5  | 564.0 | 564.2  | 564.5 | 564.8  | 57.5°  | 32.8  | 32.1   | 30.7  | 30.7   | 31.4  | 32.1   |
| 567.5 | 567.2  | 567.0 | 567.5  | 568.0 | 568.5  | 60°    | 28.6  | 28.6   | 28.6  | 29.3   | 30.0  | 30.7   |
| 569.0 | 569.5  | 570.0 | 570.8  | 571.5 | 572.2  | 62.5°  | 25.8  | 26.5   | 26.5  | 27.9   | 28.6  | 29.3   |
| 574.0 | 574.0  | 574.0 | 574.8  | 575.5 | 576.2  | 65°    | 24.4  | 25.1   | 25.8  | 25.8   | 26.5  | 27.2   |
| 576.0 | 576.0  | 576.0 | 576.0  | 576.0 | 576.0  | 67.5°  | 23.0  | 23.0   | 23.7  | 24.4   | 25.1  | 25.8   |
|       |        |       |        |       |        | 70°    | 20.9  | 21.6   | 22.3  | 23.0   | 23.0  | 23.7   |
|       |        |       |        |       |        | 72.5°  | 19.5  | 19.5   | 20.2  | 20.9   | 20.9  | 22.3   |
|       |        |       |        |       |        | 75°    | 16.7  | 17.4   | 17.4  | 17.4   | 18.1  | 19.5   |
|       |        |       |        |       |        | 77.5°  | 14.6  | 13.9   | 14.6  | 14.6   | 15.3  | 16.0   |
|       |        |       |        |       |        | 80°    | 10.5  | 9.8    | 9.8   | 10.5   | 10.5  | 10.5   |
|       |        |       |        |       |        | 82.5°  | 5.6   | 4.9    | 5.6   | 4.9    | 4.9   | 5.6    |
|       |        |       |        |       |        | 85°    | 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    |
|       |        |       |        |       |        | 90°    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
|       |        |       |        |       |        | 92.5°  | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
|       |        |       |        |       |        | 95°    | 1.0   | 1.0    | 1.0   | 1.0    | 1.0   | 1.0    |
|       |        |       |        |       |        | 97.5°  | 13.0  | 12.0   | 11.0  | 10.0   | 9.0   | 7.8    |
|       |        |       |        |       |        | 100°   | 32.0  | 31.5   | 31.0  | 30.5   | 30.0  | 28.0   |
|       |        |       |        |       |        | 102.5° | 51.0  | 50.8   | 50.5  | 50.2   | 50.0  | 48.8   |
|       |        |       |        |       |        | 105°   | 71.0  | 70.8   | 70.5  | 70.2   | 70.0  | 69.0   |
|       |        |       |        |       |        | 107.5° | 93.0  | 92.5   | 92.0  | 91.5   | 91.0  | 90.2   |
|       |        |       |        |       |        | 110°   | 114.0 | 113.5  | 113.0 | 112.5  | 112.0 | 111.5  |



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**CANDELA DISTRIBUTION (continued):**

| 320°  | 322.5° | 325°  | 335°  | 345°  |        | 305°  | 307.5° | 310°  | 312.5° | 315°  | 317.5° | 320°  |
|-------|--------|-------|-------|-------|--------|-------|--------|-------|--------|-------|--------|-------|
| 487.3 | 487.3  | 487.3 | 487.3 | 487.3 | 112.5° | 136.0 | 135.5  | 135.0 | 134.5  | 134.0 | 133.5  | 133.0 |
| 444.8 | 451.1  | 453.9 | 470.6 | 488.0 | 115°   | 158.0 | 157.5  | 157.0 | 156.5  | 156.0 | 155.5  | 155.0 |
| 367.4 | 380.0  | 382.1 | 412.7 | 442.7 | 117.5° | 180.0 | 179.8  | 179.5 | 179.2  | 179.0 | 178.5  | 178.0 |
| 287.2 | 301.9  | 306.1 | 346.5 | 388.3 | 120°   | 204.0 | 203.5  | 203.0 | 202.5  | 202.0 | 201.8  | 201.5 |
| 250.3 | 257.3  | 262.1 | 292.1 | 340.2 | 122.5° | 228.0 | 227.8  | 227.5 | 227.2  | 227.0 | 226.8  | 226.5 |
| 232.2 | 239.1  | 245.4 | 269.8 | 307.5 | 125°   | 253.0 | 252.8  | 252.5 | 252.2  | 252.0 | 251.8  | 251.5 |
| 207.8 | 215.4  | 223.1 | 253.1 | 297.0 | 127.5° | 278.0 | 277.5  | 277.0 | 276.5  | 276.0 | 275.5  | 275.0 |
| 177.8 | 188.2  | 198.0 | 234.3 | 292.1 | 130°   | 301.0 | 300.5  | 300.0 | 299.5  | 299.0 | 298.8  | 298.5 |
| 144.3 | 156.9  | 168.7 | 214.0 | 285.2 | 132.5° | 325.0 | 324.2  | 323.5 | 322.8  | 322.0 | 321.8  | 321.5 |
| 113.6 | 124.8  | 138.0 | 195.2 | 285.2 | 135°   | 348.0 | 347.2  | 346.5 | 345.8  | 345.0 | 345.0  | 345.0 |
| 87.8  | 99.0   | 112.2 | 178.5 | 292.8 | 137.5° | 369.0 | 368.5  | 368.0 | 367.5  | 367.0 | 367.0  | 367.0 |
| 71.8  | 80.9   | 94.1  | 165.2 | 304.0 | 140°   | 390.0 | 389.8  | 389.5 | 389.2  | 389.0 | 388.8  | 388.5 |
| 64.8  | 70.4   | 78.8  | 145.7 | 311.6 | 142.5° | 412.0 | 411.5  | 411.0 | 410.5  | 410.0 | 410.0  | 410.0 |
| 55.1  | 59.3   | 66.9  | 133.9 | 316.5 | 145°   | 434.0 | 433.5  | 433.0 | 432.5  | 432.0 | 431.8  | 431.5 |
| 48.8  | 53.7   | 61.4  | 126.2 | 315.8 | 147.5° | 454.0 | 453.8  | 453.5 | 453.2  | 453.0 | 452.8  | 452.5 |
| 45.3  | 50.2   | 59.3  | 123.4 | 315.8 | 150°   | 471.0 | 470.8  | 470.5 | 470.2  | 470.0 | 469.8  | 469.5 |
| 45.3  | 50.2   | 57.9  | 120.6 | 317.9 | 152.5° | 487.0 | 486.8  | 486.5 | 486.2  | 486.0 | 485.8  | 485.5 |
| 44.6  | 47.4   | 53.7  | 119.2 | 321.4 | 155°   | 504.0 | 503.8  | 503.5 | 503.2  | 503.0 | 503.0  | 503.0 |
| 42.5  | 44.6   | 50.9  | 119.2 | 328.4 | 157.5° | 519.0 | 519.0  | 519.0 | 519.0  | 519.0 | 519.0  | 519.0 |
| 39.7  | 42.5   | 48.8  | 121.3 | 341.6 | 160°   | 532.0 | 532.0  | 532.0 | 532.0  | 532.0 | 532.0  | 532.0 |
| 37.6  | 40.4   | 48.1  | 121.3 | 368.8 | 162.5° | 542.0 | 541.8  | 541.5 | 541.2  | 541.0 | 541.0  | 541.0 |
| 35.6  | 39.7   | 47.4  | 119.9 | 407.9 | 165°   | 553.0 | 552.8  | 552.5 | 552.2  | 552.0 | 552.0  | 552.0 |
| 34.9  | 38.3   | 46.0  | 118.5 | 456.0 | 167.5° | 560.0 | 560.0  | 560.0 | 560.0  | 560.0 | 560.2  | 560.5 |
| 34.2  | 37.0   | 42.5  | 115.0 | 494.3 | 170°   | 565.0 | 565.2  | 565.5 | 565.8  | 566.0 | 566.2  | 566.5 |
| 32.8  | 34.9   | 39.0  | 108.8 | 520.1 | 172.5° | 569.0 | 568.8  | 568.5 | 568.2  | 568.0 | 568.2  | 568.5 |
| 30.7  | 32.8   | 35.6  | 101.8 | 525.7 | 175°   | 573.0 | 572.8  | 572.5 | 572.2  | 572.0 | 572.0  | 572.0 |
| 29.3  | 31.4   | 35.6  | 96.2  | 491.5 | 177.5° | 577.0 | 577.0  | 577.0 | 577.0  | 577.0 | 577.2  | 577.5 |
| 27.2  | 30.7   | 36.3  | 91.3  | 416.9 | 180°   | 576.0 | 576.0  | 576.0 | 576.0  | 576.0 | 576.0  | 576.0 |
| 25.8  | 30.7   | 37.0  | 89.2  | 331.2 |        |       |        |       |        |       |        |       |
| 24.4  | 30.0   | 37.6  | 85.8  | 249.6 |        |       |        |       |        |       |        |       |
| 22.3  | 27.2   | 32.8  | 71.1  | 168.7 |        |       |        |       |        |       |        |       |
| 18.1  | 20.9   | 24.4  | 45.3  | 89.2  |        |       |        |       |        |       |        |       |
| 11.9  | 12.5   | 13.9  | 27.9  | 49.5  |        |       |        |       |        |       |        |       |
| 5.6   | 7.0    | 7.0   | 13.2  | 22.3  |        |       |        |       |        |       |        |       |
| 0.0   | 0.0    | 0.0   | 1.4   | 4.9   |        |       |        |       |        |       |        |       |
| 0.0   | 0.0    | 0.0   | 0.0   | 0.0   |        |       |        |       |        |       |        |       |
| 0.0   | 0.0    | 0.0   | 0.0   | 0.0   |        |       |        |       |        |       |        |       |
| 0.0   | 0.0    | 0.0   | 0.0   | 0.0   |        |       |        |       |        |       |        |       |
| 1.0   | 1.0    | 1.0   | 1.0   | 1.0   |        |       |        |       |        |       |        |       |
| 6.5   | 5.2    | 4.0   | 3.0   | 2.0   |        |       |        |       |        |       |        |       |
| 26.0  | 24.0   | 22.0  | 14.0  | 10.0  |        |       |        |       |        |       |        |       |
| 47.5  | 46.2   | 45.0  | 38.0  | 32.0  |        |       |        |       |        |       |        |       |
| 68.0  | 67.0   | 66.0  | 61.0  | 56.0  |        |       |        |       |        |       |        |       |
| 89.5  | 88.8   | 88.0  | 84.0  | 80.0  |        |       |        |       |        |       |        |       |
| 111.0 | 110.5  | 110.0 | 106.0 | 103.0 |        |       |        |       |        |       |        |       |

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**CANDELA DISTRIBUTION (continued):**

| 322.5° | 325°  | 335°  | 345°  |        | 355°   | 359°   | 360°   |
|--------|-------|-------|-------|--------|--------|--------|--------|
| 132.5  | 132.0 | 129.0 | 126.0 | 0°     | 487.3  | 487.3  | 487.3  |
| 154.5  | 154.0 | 151.0 | 149.0 | 2.5°   | 504.8  | 513.1  | 517.3  |
| 177.5  | 177.0 | 174.0 | 172.0 | 5°     | 477.6  | 495.0  | 500.6  |
| 201.2  | 201.0 | 198.0 | 196.0 | 7.5°   | 436.4  | 456.0  | 463.6  |
| 226.2  | 226.0 | 223.0 | 221.0 | 10°    | 395.3  | 419.7  | 427.4  |
| 251.2  | 251.0 | 248.0 | 247.0 | 12.5°  | 370.9  | 400.2  | 404.4  |
| 274.5  | 274.0 | 272.0 | 270.0 | 15°    | 361.1  | 391.1  | 399.5  |
| 298.2  | 298.0 | 294.0 | 293.0 | 17.5°  | 370.9  | 404.4  | 412.7  |
| 321.2  | 321.0 | 318.0 | 317.0 | 20°    | 389.7  | 430.9  | 444.1  |
| 345.0  | 345.0 | 341.0 | 339.0 | 22.5°  | 421.8  | 477.6  | 494.3  |
| 367.0  | 367.0 | 364.0 | 363.0 | 25°    | 474.1  | 551.5  | 566.1  |
| 388.2  | 388.0 | 386.0 | 385.0 | 27.5°  | 529.9  | 610.0  | 633.1  |
| 410.0  | 410.0 | 407.0 | 408.0 | 30°    | 578.7  | 664.4  | 683.2  |
| 431.2  | 431.0 | 428.0 | 428.0 | 32.5°  | 613.5  | 707.7  | 729.3  |
| 452.2  | 452.0 | 448.0 | 447.0 | 35°    | 654.7  | 757.2  | 778.1  |
| 469.2  | 469.0 | 465.0 | 464.0 | 37.5°  | 702.1  | 817.1  | 845.7  |
| 485.2  | 485.0 | 482.0 | 483.0 | 40°    | 754.4  | 879.2  | 911.2  |
| 503.0  | 503.0 | 501.0 | 502.0 | 42.5°  | 801.8  | 937.0  | 972.6  |
| 519.0  | 519.0 | 516.0 | 517.0 | 45°    | 838.7  | 991.4  | 1019.3 |
| 532.0  | 532.0 | 529.0 | 529.0 | 47.5°  | 881.3  | 1033.2 | 1064.6 |
| 541.0  | 541.0 | 538.0 | 539.0 | 50°    | 939.8  | 1086.2 | 1123.2 |
| 552.0  | 552.0 | 548.0 | 549.0 | 52.5°  | 1025.6 | 1176.2 | 1202.7 |
| 560.8  | 561.0 | 558.0 | 559.0 | 55°    | 1129.5 | 1284.9 | 1314.9 |
| 566.8  | 567.0 | 565.0 | 566.0 | 57.5°  | 1225.0 | 1386.0 | 1411.8 |
| 568.8  | 569.0 | 567.0 | 569.0 | 60°    | 1286.3 | 1432.7 | 1454.3 |
| 572.0  | 572.0 | 569.0 | 570.0 | 62.5°  | 1287.0 | 1434.1 | 1461.3 |
| 577.8  | 578.0 | 574.0 | 575.0 | 65°    | 1236.1 | 1403.5 | 1434.1 |
| 576.0  | 576.0 | 576.0 | 576.0 | 67.5°  | 1107.1 | 1325.4 | 1372.8 |
|        |       |       |       | 70°    | 934.9  | 1172.0 | 1225.0 |
|        |       |       |       | 72.5°  | 729.3  | 921.0  | 981.6  |
|        |       |       |       | 75°    | 494.3  | 611.4  | 664.4  |
|        |       |       |       | 77.5°  | 314.4  | 352.8  | 370.2  |
|        |       |       |       | 80°    | 185.5  | 208.5  | 217.5  |
|        |       |       |       | 82.5°  | 115.0  | 124.1  | 133.2  |
|        |       |       |       | 85°    | 46.7   | 33.5   | 36.3   |
|        |       |       |       | 87.5°  | 0.0    | 0.0    | 0.0    |
|        |       |       |       | 90°    | 0.0    | 0.0    | 0.0    |
|        |       |       |       | 92.5°  | 0.0    | 0.0    | 0.0    |
|        |       |       |       | 95°    | 1.0    | 1.0    | 1.0    |
|        |       |       |       | 97.5°  | 2.0    | 2.0    | 2.0    |
|        |       |       |       | 100°   | 8.0    | 8.0    | 8.0    |
|        |       |       |       | 102.5° | 28.0   | 28.0   | 28.0   |
|        |       |       |       | 105°   | 54.0   | 54.0   | 54.0   |
|        |       |       |       | 107.5° | 77.0   | 77.8   | 78.0   |
|        |       |       |       | 110°   | 102.0  | 101.2  | 101.0  |

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**CANDELA DISTRIBUTION (continued):**

|        | 355°  | 359°  | 360°  |
|--------|-------|-------|-------|
| 112.5° | 124.0 | 124.0 | 124.0 |
| 115°   | 147.0 | 146.2 | 146.0 |
| 117.5° | 170.0 | 169.2 | 169.0 |
| 120°   | 195.0 | 193.4 | 193.0 |
| 122.5° | 220.0 | 219.2 | 219.0 |
| 125°   | 246.0 | 244.4 | 244.0 |
| 127.5° | 269.0 | 267.4 | 267.0 |
| 130°   | 292.0 | 290.4 | 290.0 |
| 132.5° | 314.0 | 313.2 | 313.0 |
| 135°   | 337.0 | 336.2 | 336.0 |
| 137.5° | 360.0 | 359.2 | 359.0 |
| 140°   | 383.0 | 382.2 | 382.0 |
| 142.5° | 406.0 | 404.4 | 404.0 |
| 145°   | 426.0 | 425.2 | 425.0 |
| 147.5° | 444.0 | 444.0 | 444.0 |
| 150°   | 462.0 | 461.2 | 461.0 |
| 152.5° | 480.0 | 479.2 | 479.0 |
| 155°   | 500.0 | 499.2 | 499.0 |
| 157.5° | 515.0 | 513.4 | 513.0 |
| 160°   | 527.0 | 525.4 | 525.0 |
| 162.5° | 536.0 | 535.2 | 535.0 |
| 165°   | 547.0 | 546.2 | 546.0 |
| 167.5° | 556.0 | 555.2 | 555.0 |
| 170°   | 563.0 | 562.2 | 562.0 |
| 172.5° | 566.0 | 565.2 | 565.0 |
| 175°   | 569.0 | 567.4 | 567.0 |
| 177.5° | 573.0 | 572.2 | 572.0 |
| 180°   | 576.0 | 576.0 | 576.0 |

(END OF REPORT)