

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: P227243

Luminaire Tested: **IST-AF-350-LED-E1-SLL-7030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P227243
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P35948)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: IST-AF-350-LED-E1-SLL-7030
Description: IMPACT ELITE LED TRAPEZOID LUMINAIRE
LIGHT SQUARE WITH ACCULED OPTICS-90° SPILL LIGHT ELIMINATOR LEFT
Light Source: (16) 3000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1907.1 lumens
Efficiency: N/A
Efficacy: 94.9 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B0 - U1 - G1

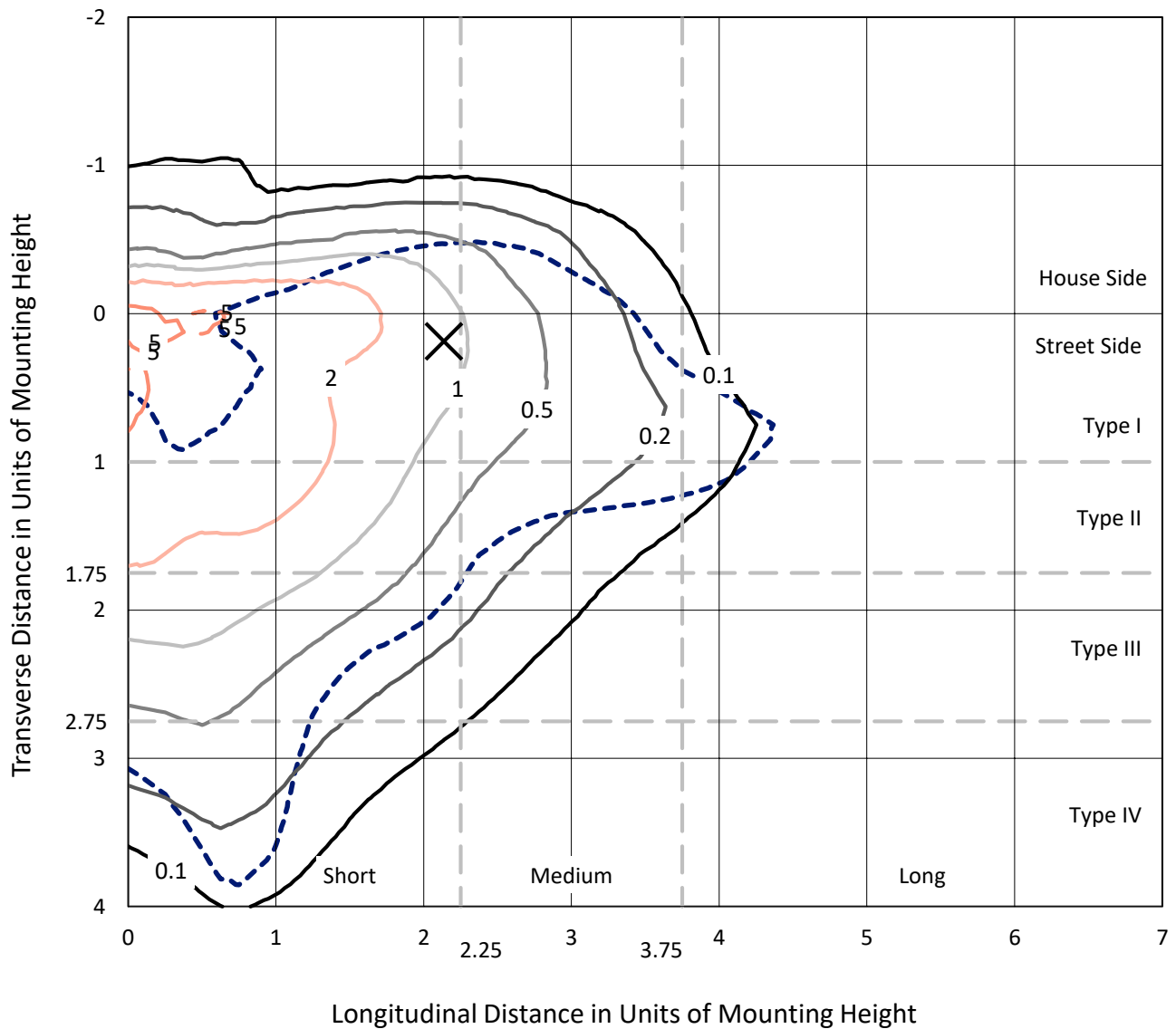
Input Watts (W): 20.09
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

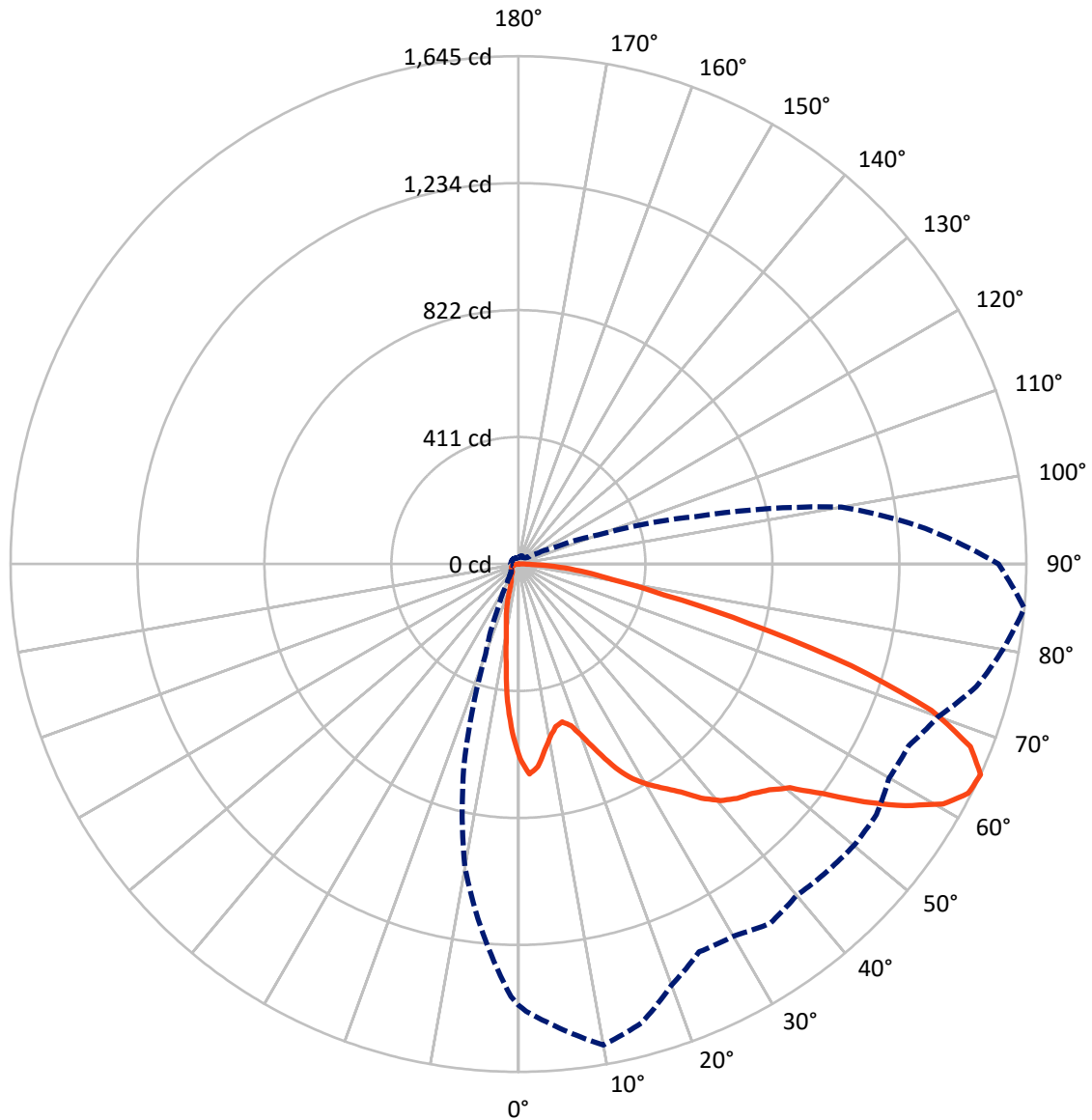
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 6.9 fc
 Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 85-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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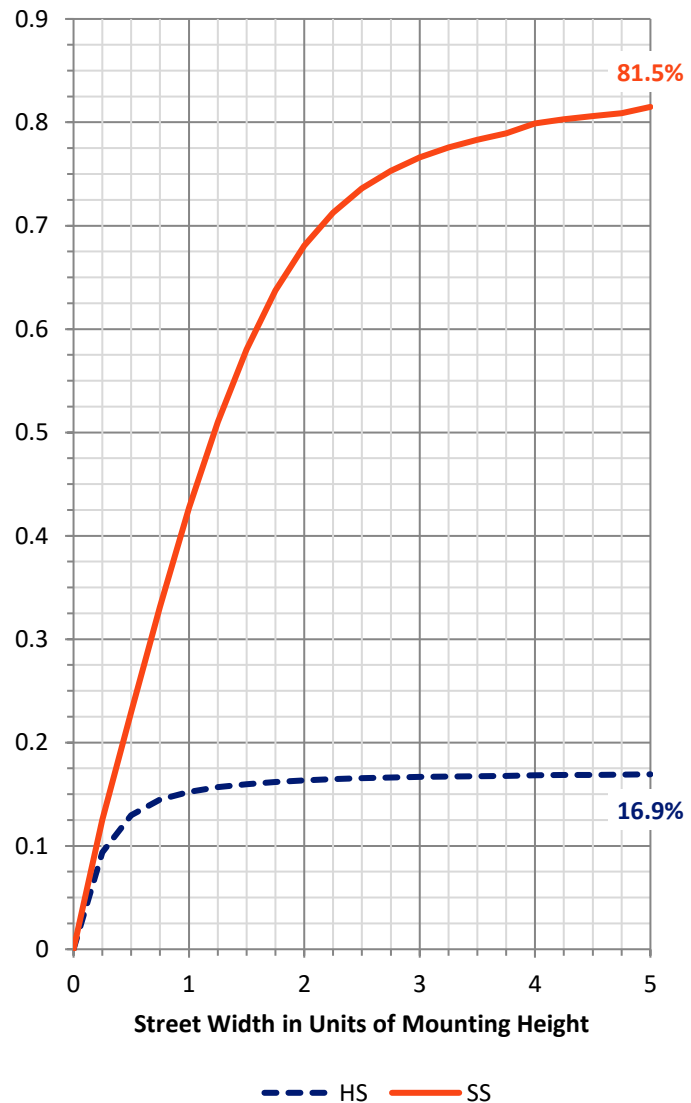
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 327.1 | 0.0 | 327.1 |
| | % Fixture | 17.2 | 0.0 | 17.2 |
| Street Side | Lumens | 1579.9 | 0.1 | 1580.0 |
| | % Fixture | 82.8 | 0.0 | 82.8 |
| Total | Lumens | 1907.0 | 0.1 | 1907.1 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 46.7 | 2.4 |
| 10°-20° | 89.8 | 4.7 |
| 20°-30° | 128.1 | 6.7 |
| 30°-40° | 185.8 | 9.7 |
| 40°-50° | 265.8 | 13.9 |
| 50°-60° | 408.1 | 21.4 |
| 60°-70° | 472.3 | 24.8 |
| 70°-80° | 241.0 | 12.6 |
| 80°-90° | 69.5 | 3.6 |
| 90°-100° | 0.1 | 0.0 |
| 100°-110° | 0.0 | 0.0 |
| 110°-120° | 0.0 | 0.0 |
| 120°-130° | 0.0 | 0.0 |
| 130°-140° | 0.0 | 0.0 |
| 140°-150° | 0.0 | 0.0 |
| 150°-160° | 0.0 | 0.0 |
| 160°-170° | 0.0 | 0.0 |
| 170°-180° | 0.0 | 0.0 |
| 0°-90° | 1907.0 | 100.0 |
| 0°-180° | 1907.1 | 100.0 |



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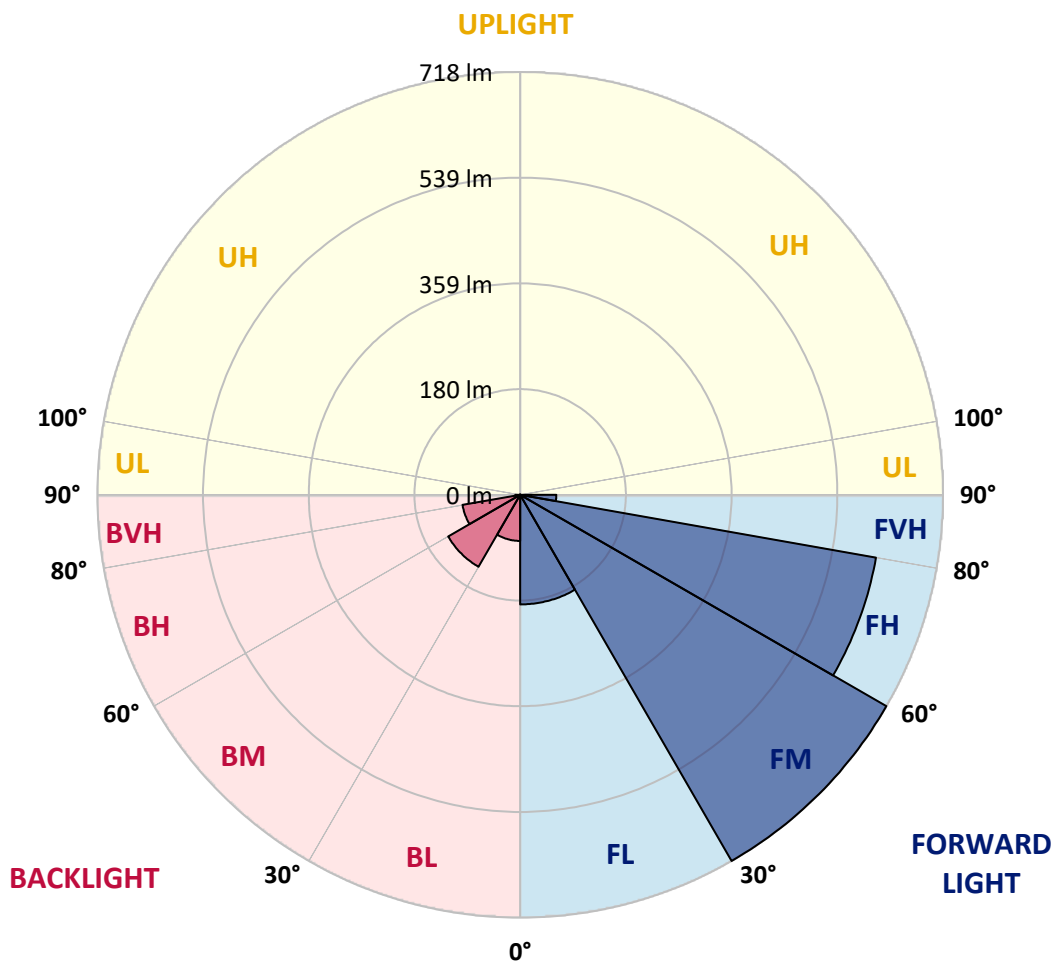
CATALOG NUMBER: IST-AF-350-LED-E1-SLL-7030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|-------|--------|
| | | | B | U | G |
| FL (0°-30°) | 186.3 | 9.8 | | | |
| FM (30°-60°) | 718.4 | 37.7 | | | |
| FH (60°-80°) | 613.8 | 32.2 | | | G0/660 |
| FVH (80°-90°) | 61.5 | 3.2 | | | G1/100 |
| BL (0°-30°) | 78.3 | 4.1 | B0/110 | | |
| BM (30°-60°) | 141.3 | 7.4 | B0/220 | | |
| BH (60°-80°) | 99.5 | 5.2 | B0/110 | | G0/110 |
| BVH (80°-90°) | 8.1 | 0.4 | | | G0/10 |
| UL (90°-100°) | 0.1 | 0.0 | | U1/10 | |
| UH (100°-180°) | 0.0 | 0.0 | | U1/10 | |

BUG Rating: B0-U1-G1

Type IV Short





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CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 630.0 | 630.0 | 630.0 | 630.0 | 630.0 | 630.0 | 630.0 | 630.0 | 630.0 | 630.0 | 630.0 |
| 2.5° | 652.2 | 652.8 | 661.8 | 670.5 | 681.4 | 679.8 | 688.8 | 695.5 | 701.6 | 702.6 | 707.1 |
| 5° | 612.4 | 618.8 | 639.0 | 656.4 | 678.2 | 695.2 | 713.5 | 727.9 | 738.5 | 748.5 | 749.8 |
| 7.5° | 556.5 | 561.4 | 584.8 | 612.1 | 643.5 | 666.0 | 693.6 | 717.7 | 734.7 | 750.7 | 754.2 |
| 10° | 508.7 | 513.2 | 539.2 | 574.5 | 602.1 | 631.3 | 659.9 | 679.5 | 701.6 | 715.4 | 722.2 |
| 12.5° | 485.6 | 491.1 | 515.8 | 547.9 | 576.1 | 604.4 | 625.9 | 642.9 | 655.4 | 658.0 | 659.9 |
| 15° | 494.6 | 497.5 | 524.8 | 553.3 | 575.8 | 589.9 | 595.7 | 606.0 | 605.0 | 610.1 | 611.1 |
| 17.5° | 530.9 | 529.6 | 558.5 | 578.4 | 589.3 | 587.7 | 578.7 | 573.2 | 563.6 | 560.7 | 569.1 |
| 20° | 593.1 | 597.6 | 616.2 | 628.4 | 617.2 | 591.2 | 566.5 | 549.5 | 536.0 | 531.5 | 530.5 |
| 22.5° | 666.0 | 671.8 | 692.0 | 685.6 | 657.0 | 609.5 | 564.6 | 537.3 | 520.6 | 515.8 | 513.9 |
| 25° | 742.4 | 746.2 | 756.5 | 734.7 | 694.6 | 632.9 | 578.0 | 539.8 | 517.7 | 510.6 | 509.7 |
| 27.5° | 804.0 | 807.8 | 803.0 | 778.0 | 719.9 | 659.2 | 596.7 | 551.4 | 522.5 | 515.5 | 512.2 |
| 30° | 854.4 | 856.3 | 840.3 | 809.1 | 751.4 | 688.5 | 621.1 | 571.6 | 537.9 | 521.9 | 519.6 |
| 32.5° | 910.9 | 909.6 | 878.5 | 835.5 | 778.0 | 714.8 | 649.0 | 594.4 | 552.7 | 533.1 | 529.6 |
| 35° | 972.8 | 961.6 | 906.7 | 861.4 | 796.3 | 735.0 | 674.3 | 618.5 | 576.4 | 550.4 | 545.9 |
| 37.5° | 1028.0 | 1016.5 | 943.0 | 882.0 | 814.6 | 750.7 | 694.2 | 649.6 | 612.7 | 589.0 | 587.0 |
| 40° | 1071.0 | 1056.9 | 970.6 | 895.8 | 823.6 | 762.3 | 717.7 | 688.8 | 664.4 | 645.1 | 645.1 |
| 42.5° | 1105.7 | 1090.3 | 997.5 | 911.8 | 831.6 | 779.9 | 756.8 | 746.9 | 741.7 | 731.1 | 735.0 |
| 45° | 1139.1 | 1123.3 | 1019.7 | 922.1 | 849.6 | 814.3 | 817.5 | 826.1 | 841.5 | 835.5 | 840.9 |
| 47.5° | 1170.9 | 1155.4 | 1044.7 | 938.5 | 884.2 | 875.9 | 892.6 | 927.2 | 957.4 | 981.2 | 997.9 |
| 50° | 1224.1 | 1205.8 | 1089.6 | 986.6 | 938.8 | 943.0 | 991.1 | 1059.2 | 1108.3 | 1130.1 | 1128.8 |
| 52.5° | 1325.2 | 1299.2 | 1186.3 | 1076.5 | 1016.8 | 1039.9 | 1096.7 | 1182.4 | 1246.6 | 1263.6 | 1270.3 |
| 55° | 1448.8 | 1428.3 | 1325.9 | 1195.6 | 1152.2 | 1160.3 | 1230.9 | 1327.8 | 1377.2 | 1394.9 | 1400.7 |
| 57.5° | 1521.3 | 1515.9 | 1451.7 | 1323.0 | 1280.9 | 1277.7 | 1369.8 | 1449.1 | 1491.8 | 1508.5 | 1503.4 |
| 59° | 1538.3 | 1540.0 | 1503.4 | 1413.2 | 1355.4 | 1348.3 | 1442.1 | 1515.6 | 1551.2 | 1556.3 | 1553.8 |
| 60° | 1536.7 | 1545.7 | 1541.2 | 1462.6 | 1402.6 | 1393.6 | 1472.5 | 1542.5 | 1572.4 | 1580.4 | 1571.4 |
| 62.5° | 1503.7 | 1519.1 | 1561.8 | 1553.4 | 1509.5 | 1463.6 | 1500.8 | 1551.5 | 1570.8 | 1563.1 | 1556.3 |
| 65° | 1428.6 | 1448.8 | 1508.2 | 1582.0 | 1539.6 | 1451.0 | 1385.9 | 1391.7 | 1420.9 | 1401.6 | 1410.9 |
| 67.5° | 1298.9 | 1322.0 | 1353.5 | 1521.0 | 1459.4 | 1310.8 | 1198.8 | 1143.9 | 1130.1 | 1148.7 | 1178.2 |
| 70° | 1056.6 | 1071.7 | 1151.3 | 1388.1 | 1281.6 | 1077.5 | 936.9 | 863.7 | 839.3 | 882.3 | 912.5 |
| 72.5° | 745.3 | 767.7 | 872.7 | 1148.7 | 1054.3 | 863.1 | 709.0 | 641.6 | 617.2 | 619.1 | 645.4 |
| 75° | 453.5 | 484.0 | 609.8 | 908.3 | 831.0 | 661.2 | 540.2 | 491.7 | 484.3 | 480.2 | 475.7 |
| 77.5° | 299.1 | 310.7 | 400.9 | 626.8 | 560.4 | 470.2 | 405.4 | 425.3 | 447.4 | 452.2 | 458.0 |
| 80° | 202.8 | 206.4 | 260.0 | 439.7 | 369.1 | 347.3 | 327.7 | 374.6 | 416.6 | 424.3 | 420.1 |
| 82.5° | 124.9 | 135.4 | 181.3 | 296.6 | 294.3 | 284.0 | 259.0 | 295.6 | 323.5 | 328.3 | 337.0 |
| 85° | 43.3 | 45.3 | 111.4 | 261.9 | 299.1 | 302.3 | 213.4 | 168.5 | 189.4 | 185.8 | 133.5 |
| 87.5° | 18.6 | 20.9 | 34.7 | 175.2 | 202.5 | 167.5 | 97.6 | 86.7 | 66.8 | 37.6 | 36.3 |
| 90° | 1.3 | 1.3 | 1.0 | 1.6 | 4.8 | 3.2 | 2.9 | 1.0 | 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° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 97.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 100° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 102.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 105° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 107.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P227243

CATALOG NUMBER: IST-AF-350-LED-E1-SLL-7030

CANDELA DISTRIBUTION (continued):

| | 0° | 1° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 110° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 115° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 120° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 125° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 130° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 135° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 140° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 145° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 150° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 155° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 160° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 165° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 170° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 175° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 180° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P227243

CATALOG NUMBER: IST-AF-350-LED-E1-SLL-7030

CANDELA DISTRIBUTION (continued):

| | 50° | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 630.0 | 630.0 | 630.0 | 630.0 | 630.0 | 630.0 | 630.0 | 630.0 | 630.0 | 630.0 | 630.0 |
| 2.5° | 706.1 | 701.9 | 704.5 | 701.0 | 695.2 | 691.3 | 686.8 | 681.1 | 674.3 | 665.3 | 656.4 |
| 5° | 746.9 | 743.7 | 735.6 | 724.1 | 708.0 | 694.6 | 678.5 | 659.6 | 643.8 | 623.6 | 604.7 |
| 7.5° | 750.4 | 745.3 | 730.5 | 709.0 | 684.3 | 659.2 | 640.3 | 609.5 | 589.6 | 557.5 | 536.0 |
| 10° | 718.3 | 718.6 | 703.9 | 683.6 | 658.0 | 628.4 | 601.2 | 567.5 | 538.2 | 505.5 | 469.6 |
| 12.5° | 671.1 | 675.6 | 676.3 | 658.3 | 633.2 | 602.1 | 571.6 | 539.5 | 503.3 | 468.3 | 435.2 |
| 15° | 617.5 | 630.4 | 631.3 | 626.8 | 613.7 | 587.4 | 559.4 | 530.5 | 493.6 | 455.4 | 418.2 |
| 17.5° | 569.7 | 581.9 | 593.1 | 603.4 | 604.0 | 591.5 | 574.5 | 549.8 | 512.9 | 468.0 | 424.3 |
| 20° | 533.4 | 546.6 | 565.8 | 584.8 | 605.6 | 612.1 | 613.3 | 597.6 | 558.1 | 503.3 | 444.2 |
| 22.5° | 518.3 | 533.8 | 553.3 | 589.0 | 625.9 | 648.7 | 661.5 | 661.5 | 620.1 | 555.9 | 476.9 |
| 25° | 515.1 | 527.7 | 557.5 | 601.8 | 651.2 | 691.0 | 715.4 | 731.8 | 701.9 | 623.6 | 517.4 |
| 27.5° | 517.4 | 534.4 | 571.3 | 616.6 | 668.2 | 719.3 | 759.4 | 787.9 | 760.0 | 669.8 | 554.9 |
| 30° | 526.4 | 551.7 | 589.9 | 636.8 | 690.1 | 744.0 | 792.4 | 828.7 | 808.2 | 711.9 | 590.6 |
| 32.5° | 542.1 | 572.9 | 616.2 | 658.6 | 711.6 | 770.0 | 817.8 | 865.6 | 850.5 | 741.1 | 609.5 |
| 35° | 565.5 | 601.8 | 641.3 | 684.0 | 734.7 | 793.1 | 844.1 | 906.7 | 901.2 | 777.7 | 628.4 |
| 37.5° | 603.4 | 640.6 | 676.9 | 713.5 | 761.6 | 818.4 | 882.0 | 961.9 | 957.4 | 831.9 | 658.9 |
| 40° | 670.2 | 692.0 | 718.9 | 742.4 | 787.6 | 841.9 | 909.9 | 1007.5 | 1023.5 | 878.5 | 685.9 |
| 42.5° | 753.0 | 765.8 | 773.5 | 779.9 | 803.0 | 854.1 | 930.1 | 1038.0 | 1064.3 | 913.1 | 706.7 |
| 45° | 858.6 | 854.7 | 839.3 | 824.5 | 822.0 | 861.1 | 939.4 | 1060.4 | 1096.4 | 946.8 | 727.9 |
| 47.5° | 983.4 | 975.1 | 933.0 | 884.6 | 857.6 | 874.0 | 955.8 | 1093.5 | 1135.9 | 991.1 | 754.2 |
| 50° | 1127.5 | 1107.9 | 1039.3 | 957.4 | 907.7 | 910.2 | 997.2 | 1139.4 | 1187.9 | 1048.9 | 803.4 |
| 52.5° | 1261.0 | 1226.1 | 1144.2 | 1036.0 | 964.8 | 973.5 | 1071.7 | 1234.4 | 1294.4 | 1144.5 | 885.8 |
| 55° | 1378.8 | 1333.9 | 1245.6 | 1127.2 | 1062.7 | 1077.8 | 1190.7 | 1360.2 | 1417.0 | 1258.5 | 969.3 |
| 57.5° | 1479.0 | 1431.1 | 1344.2 | 1239.9 | 1159.6 | 1172.1 | 1297.0 | 1477.0 | 1515.2 | 1360.9 | 1049.2 |
| 59° | 1524.5 | 1477.4 | 1397.1 | 1300.8 | 1225.7 | 1252.1 | 1372.1 | 1535.1 | 1551.5 | 1400.3 | 1079.7 |
| 60° | 1546.7 | 1499.5 | 1428.9 | 1334.9 | 1266.2 | 1300.8 | 1411.9 | 1579.1 | 1565.0 | 1406.1 | 1091.3 |
| 62.5° | 1545.1 | 1512.0 | 1465.5 | 1401.3 | 1388.8 | 1446.6 | 1541.2 | 1635.6 | 1574.3 | 1389.4 | 1098.6 |
| 65° | 1418.3 | 1415.4 | 1386.5 | 1393.9 | 1446.2 | 1535.5 | 1593.5 | 1644.9 | 1555.0 | 1323.0 | 1063.0 |
| 67.5° | 1183.0 | 1194.9 | 1198.8 | 1244.0 | 1366.3 | 1517.8 | 1568.8 | 1578.8 | 1471.3 | 1180.8 | 952.3 |
| 70° | 913.4 | 887.1 | 930.5 | 1010.4 | 1186.6 | 1381.7 | 1454.3 | 1419.6 | 1299.9 | 988.9 | 777.7 |
| 72.5° | 646.7 | 654.4 | 716.7 | 820.4 | 999.8 | 1202.0 | 1315.6 | 1126.6 | 978.0 | 740.1 | 551.4 |
| 75° | 486.6 | 522.8 | 553.0 | 643.8 | 812.0 | 1029.6 | 1123.3 | 774.5 | 637.1 | 510.3 | 360.8 |
| 77.5° | 466.4 | 463.5 | 440.4 | 459.6 | 585.4 | 721.2 | 801.4 | 483.4 | 398.9 | 333.8 | 217.9 |
| 80° | 431.0 | 406.3 | 364.3 | 345.7 | 368.8 | 463.1 | 508.7 | 310.7 | 265.4 | 233.3 | 122.9 |
| 82.5° | 334.4 | 317.7 | 273.5 | 272.2 | 307.5 | 329.0 | 349.8 | 220.2 | 199.6 | 189.0 | 75.4 |
| 85° | 212.2 | 217.9 | 223.4 | 272.5 | 341.2 | 345.0 | 272.2 | 134.2 | 105.3 | 148.3 | 48.1 |
| 87.5° | 62.9 | 102.4 | 124.2 | 210.9 | 307.5 | 308.4 | 204.8 | 44.0 | 39.5 | 46.2 | 27.9 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 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° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 97.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 100° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 102.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 105° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 107.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P227243

CATALOG NUMBER: IST-AF-350-LED-E1-SLL-7030

CANDELA DISTRIBUTION (continued):

| | 50° | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| 110° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 115° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 120° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 125° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 130° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 135° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 140° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 145° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 150° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 155° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 160° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 165° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 170° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 175° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 180° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P227243

CATALOG NUMBER: IST-AF-350-LED-E1-SLL-7030

CANDELA DISTRIBUTION (continued):

| | 105° | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 630.0 | 630.0 | 630.0 | 630.0 | 630.0 | 630.0 | 630.0 | 630.0 | 630.0 | 630.0 | 630.0 |
| 2.5° | 647.0 | 645.8 | 636.8 | 621.7 | 623.0 | 615.9 | 606.9 | 592.5 | 589.6 | 581.6 | 580.3 |
| 5° | 588.6 | 573.5 | 554.0 | 530.2 | 521.2 | 509.0 | 496.5 | 487.5 | 476.3 | 466.0 | 479.8 |
| 7.5° | 510.6 | 488.5 | 465.7 | 440.7 | 426.2 | 406.3 | 395.7 | 375.2 | 360.1 | 357.2 | 345.3 |
| 10° | 445.5 | 417.6 | 391.6 | 369.1 | 342.1 | 323.5 | 310.0 | 298.8 | 288.5 | 276.0 | 268.3 |
| 12.5° | 402.2 | 370.7 | 343.1 | 315.2 | 302.3 | 286.9 | 278.6 | 268.0 | 253.2 | 242.6 | 232.4 |
| 15° | 382.6 | 348.6 | 318.4 | 294.0 | 275.4 | 260.9 | 246.2 | 233.3 | 217.3 | 205.4 | 193.5 |
| 17.5° | 380.0 | 335.7 | 297.5 | 270.2 | 250.0 | 234.3 | 214.7 | 197.7 | 178.1 | 165.0 | 155.0 |
| 20° | 382.9 | 326.1 | 278.3 | 242.6 | 222.1 | 194.5 | 176.2 | 155.3 | 136.1 | 118.8 | 103.0 |
| 22.5° | 394.5 | 321.0 | 259.3 | 220.2 | 189.7 | 158.2 | 138.7 | 112.0 | 95.6 | 79.0 | 72.9 |
| 25° | 410.2 | 317.7 | 243.0 | 195.5 | 156.9 | 125.8 | 99.2 | 77.0 | 69.6 | 65.5 | 63.2 |
| 27.5° | 426.9 | 312.0 | 224.7 | 172.7 | 130.6 | 92.8 | 74.1 | 64.8 | 61.9 | 59.7 | 58.1 |
| 30° | 439.4 | 300.7 | 202.2 | 148.3 | 104.0 | 79.3 | 66.1 | 60.0 | 58.1 | 55.5 | 53.9 |
| 32.5° | 444.8 | 283.4 | 182.0 | 125.2 | 87.6 | 68.0 | 57.8 | 54.2 | 52.3 | 50.1 | 49.1 |
| 35° | 443.9 | 263.8 | 171.7 | 116.2 | 80.2 | 60.3 | 50.7 | 48.5 | 45.9 | 43.7 | 41.4 |
| 37.5° | 444.8 | 245.9 | 163.7 | 113.9 | 77.0 | 54.6 | 46.2 | 44.6 | 42.7 | 40.4 | 38.5 |
| 40° | 448.7 | 235.9 | 159.8 | 109.1 | 74.5 | 52.3 | 42.7 | 41.1 | 40.8 | 38.2 | 36.6 |
| 42.5° | 450.3 | 236.9 | 157.9 | 102.4 | 68.0 | 51.7 | 42.7 | 39.2 | 39.2 | 37.2 | 35.3 |
| 45° | 448.4 | 243.9 | 159.2 | 98.5 | 63.2 | 48.5 | 44.9 | 39.2 | 38.2 | 36.6 | 34.7 |
| 47.5° | 454.2 | 249.1 | 159.2 | 97.9 | 60.0 | 45.3 | 42.7 | 43.0 | 38.8 | 36.9 | 34.0 |
| 50° | 477.9 | 253.9 | 156.0 | 96.9 | 59.1 | 42.0 | 40.4 | 42.4 | 43.7 | 37.6 | 34.3 |
| 52.5° | 519.9 | 260.0 | 152.5 | 95.3 | 57.8 | 39.5 | 37.6 | 39.8 | 44.6 | 39.5 | 34.3 |
| 55° | 563.0 | 270.9 | 150.2 | 92.8 | 55.8 | 37.9 | 34.0 | 38.2 | 40.8 | 39.2 | 34.0 |
| 57.5° | 608.9 | 282.8 | 148.0 | 86.7 | 51.4 | 36.3 | 32.7 | 33.4 | 36.6 | 37.9 | 33.1 |
| 59° | 622.7 | 288.5 | 146.0 | 82.2 | 47.5 | 35.0 | 31.8 | 30.8 | 32.7 | 36.3 | 32.4 |
| 60° | 632.6 | 288.9 | 143.8 | 78.3 | 45.3 | 34.3 | 31.1 | 29.8 | 30.5 | 37.2 | 32.7 |
| 62.5° | 633.6 | 288.5 | 136.7 | 70.3 | 40.8 | 33.1 | 30.2 | 28.6 | 27.9 | 31.1 | 33.4 |
| 65° | 593.8 | 275.1 | 123.9 | 66.1 | 41.1 | 31.8 | 28.6 | 27.3 | 26.0 | 26.6 | 28.9 |
| 67.5° | 519.3 | 240.4 | 110.4 | 67.1 | 43.3 | 30.8 | 27.3 | 26.0 | 25.0 | 24.4 | 25.4 |
| 70° | 392.9 | 199.6 | 106.6 | 69.3 | 45.3 | 30.2 | 25.4 | 24.1 | 23.4 | 23.1 | 23.1 |
| 72.5° | 272.2 | 164.3 | 102.4 | 70.9 | 46.9 | 29.8 | 23.4 | 22.1 | 21.8 | 21.5 | 21.5 |
| 75° | 175.2 | 119.4 | 84.7 | 60.3 | 42.7 | 27.3 | 21.2 | 19.9 | 19.6 | 19.3 | 19.6 |
| 77.5° | 103.7 | 83.4 | 62.3 | 42.4 | 31.1 | 21.8 | 18.3 | 17.3 | 17.3 | 17.3 | 17.7 |
| 80° | 57.5 | 49.4 | 41.4 | 27.3 | 22.1 | 16.4 | 15.1 | 14.1 | 14.1 | 14.4 | 15.1 |
| 82.5° | 34.3 | 27.3 | 23.4 | 17.3 | 15.1 | 11.6 | 11.2 | 10.6 | 10.9 | 11.2 | 11.9 |
| 85° | 22.5 | 17.3 | 14.1 | 11.6 | 10.3 | 7.4 | 6.4 | 6.7 | 7.1 | 7.7 | 8.0 |
| 87.5° | 12.5 | 9.6 | 7.7 | 6.7 | 6.1 | 3.2 | 2.6 | 2.6 | 3.2 | 3.9 | 4.5 |
| 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° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 97.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 100° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 102.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 105° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 107.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P227243
 CATALOG NUMBER: IST-AF-350-LED-E1-SLL-7030

REPORT N
 CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

| | 105° | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | |
|--------|------|------|------|------|------|------|------|------|------|------|------|--------|
| 110° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0° |
| 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.5° |
| 115° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5° |
| 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 7.5° |
| 120° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 10° |
| 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 12.5° |
| 125° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 15° |
| 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 17.5° |
| 130° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 20° |
| 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 22.5° |
| 135° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 25° |
| 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 27.5° |
| 140° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 30° |
| 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 32.5° |
| 145° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 35° |
| 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 37.5° |
| 150° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 40° |
| 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 42.5° |
| 155° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 45° |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 47.5° |
| 160° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 50° |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 52.5° |
| 165° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 55° |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 57.5° |
| 170° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 59° |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 60° |
| 175° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 62.5° |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 65° |
| 180° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 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° |

'227243
 IST-AF-350-LED-E1-SLL-7030

REPORT NUMBER: P227243
 CATALOG NUMBER: IST-AF-350

TION (continued):

CANDELA DISTRIBUTION (con

| 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | | 215° | 220° |
|------|------|------|------|------|------|------|------|------|------|--------|-------|-------|
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0° | 630.0 | 630.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.5° | 545.9 | 545.6 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5° | 448.1 | 445.2 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 7.5° | 347.3 | 357.9 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 10° | 250.3 | 257.7 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 12.5° | 174.3 | 178.1 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 15° | 120.0 | 127.7 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 17.5° | 93.4 | 94.4 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 20° | 77.0 | 77.7 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 22.5° | 68.4 | 69.6 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 25° | 57.5 | 58.7 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 27.5° | 50.7 | 52.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 30° | 46.5 | 47.2 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 32.5° | 42.4 | 42.4 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 35° | 38.8 | 39.2 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 37.5° | 36.3 | 36.9 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 40° | 34.0 | 34.3 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 42.5° | 30.8 | 31.5 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 45° | 27.9 | 28.2 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 47.5° | 26.0 | 26.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 50° | 24.7 | 25.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 52.5° | 24.1 | 24.4 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 55° | 23.8 | 24.4 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 57.5° | 23.8 | 24.1 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 59° | 23.4 | 23.8 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 60° | 23.4 | 24.1 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 62.5° | 22.5 | 23.1 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 65° | 21.8 | 22.5 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 67.5° | 20.9 | 21.8 |
| | | | | | | | | | | 70° | 19.9 | 20.9 |
| | | | | | | | | | | 72.5° | 18.6 | 19.9 |
| | | | | | | | | | | 75° | 17.3 | 18.3 |
| | | | | | | | | | | 77.5° | 15.7 | 16.7 |
| | | | | | | | | | | 80° | 13.8 | 14.1 |
| | | | | | | | | | | 82.5° | 11.6 | 11.6 |
| | | | | | | | | | | 85° | 8.7 | 7.7 |
| | | | | | | | | | | 87.5° | 4.8 | 5.1 |
| | | | | | | | | | | 90° | 0.0 | 0.0 |
| | | | | | | | | | | 92.5° | 0.0 | 0.0 |
| | | | | | | | | | | 95° | 0.0 | 0.0 |
| | | | | | | | | | | 97.5° | 0.0 | 0.0 |
| | | | | | | | | | | 100° | 0.0 | 0.0 |
| | | | | | | | | | | 102.5° | 0.0 | 0.0 |
| | | | | | | | | | | 105° | 0.0 | 0.0 |
| | | | | | | | | | | 107.5° | 0.0 | 0.0 |



REPORT NUMBER: P227243

CATALOG NUMBER: IST-AF-350-LED-E1-SLL-7030

SLL-7030

CANDELA DISTRIBUTION (continued):

| 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | | 270° | 275° | 280° | 285° |
|------|------|------|------|------|------|------|------|--------|-------|-------|-------|-------|
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0° | 630.0 | 630.0 | 630.0 | 630.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.5° | 541.1 | 553.0 | 554.6 | 556.2 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5° | 444.8 | 456.7 | 450.0 | 452.9 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 7.5° | 324.8 | 317.1 | 327.1 | 333.2 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 10° | 237.2 | 246.2 | 250.0 | 257.1 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 12.5° | 196.7 | 202.5 | 209.6 | 220.8 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 15° | 159.5 | 163.7 | 172.7 | 183.6 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 17.5° | 116.2 | 122.3 | 128.1 | 137.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 20° | 78.0 | 80.6 | 87.6 | 91.8 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 22.5° | 62.6 | 63.5 | 64.8 | 68.4 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 25° | 56.2 | 56.8 | 57.8 | 59.1 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 27.5° | 51.0 | 51.4 | 52.3 | 53.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 30° | 46.5 | 46.2 | 46.5 | 47.5 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 32.5° | 41.7 | 41.7 | 42.4 | 42.4 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 35° | 35.9 | 35.6 | 36.3 | 37.2 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 37.5° | 33.1 | 33.4 | 34.0 | 34.7 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 40° | 31.5 | 31.8 | 32.4 | 33.1 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 42.5° | 29.8 | 30.5 | 31.1 | 32.1 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 45° | 28.9 | 29.5 | 30.5 | 31.5 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 47.5° | 28.6 | 29.2 | 30.2 | 31.5 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 50° | 27.9 | 28.9 | 29.8 | 31.1 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 52.5° | 27.9 | 28.6 | 29.5 | 31.1 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 55° | 27.0 | 27.9 | 28.9 | 30.5 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 57.5° | 26.3 | 27.0 | 28.2 | 30.2 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 59° | 26.0 | 26.6 | 27.9 | 29.8 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 60° | 25.4 | 26.3 | 27.6 | 29.5 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 62.5° | 24.7 | 25.7 | 27.0 | 28.9 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 65° | 23.8 | 25.0 | 26.3 | 27.6 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 67.5° | 23.1 | 23.8 | 25.0 | 26.3 |
| | | | | | | | | 70° | 21.8 | 22.5 | 23.4 | 24.4 |
| | | | | | | | | 72.5° | 20.2 | 20.5 | 21.2 | 22.1 |
| | | | | | | | | 75° | 18.0 | 18.3 | 18.6 | 19.6 |
| | | | | | | | | 77.5° | 15.7 | 15.7 | 16.0 | 17.3 |
| | | | | | | | | 80° | 13.2 | 13.2 | 13.5 | 14.1 |
| | | | | | | | | 82.5° | 9.9 | 9.9 | 10.6 | 11.6 |
| | | | | | | | | 85° | 7.1 | 6.7 | 7.7 | 8.3 |
| | | | | | | | | 87.5° | 4.2 | 3.9 | 4.2 | 4.2 |
| | | | | | | | | 90° | 0.3 | 1.0 | 0.6 | 0.6 |
| | | | | | | | | 92.5° | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | | | 95° | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | | | 97.5° | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | | | 100° | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | | | 102.5° | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | | | 105° | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | | | 107.5° | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P227243

CATALOG NUMBER: IST-AF-350-LED-E1-SLL-7030

CANDELA DISTRIBUTION (continued):

| 290° | 295° | 300° | 305° | 310° | 315° | 320° | | 270° | 275° | 280° | 285° | 290° |
|-------|-------|-------|-------|-------|-------|-------|--------|------|------|------|------|------|
| 630.0 | 630.0 | 630.0 | 630.0 | 630.0 | 630.0 | 630.0 | 110° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 562.6 | 559.4 | 562.0 | 571.9 | 575.5 | 580.0 | 595.1 | 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 459.9 | 464.1 | 459.9 | 480.2 | 481.1 | 494.6 | 500.1 | 115° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 338.0 | 343.4 | 352.4 | 365.9 | 369.7 | 389.0 | 405.4 | 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 263.8 | 270.9 | 283.4 | 291.7 | 300.1 | 311.3 | 324.5 | 120° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 234.3 | 241.7 | 252.6 | 263.2 | 275.1 | 283.7 | 294.6 | 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 195.8 | 207.3 | 217.9 | 231.7 | 241.7 | 257.4 | 270.2 | 125° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 149.6 | 165.6 | 176.2 | 192.9 | 208.0 | 221.8 | 239.1 | 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 104.0 | 116.5 | 130.0 | 148.0 | 167.5 | 186.5 | 209.6 | 130° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 71.6 | 78.3 | 88.6 | 107.2 | 127.4 | 154.7 | 179.7 | 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 61.0 | 63.5 | 67.4 | 76.4 | 93.4 | 123.2 | 150.8 | 135° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 54.2 | 56.2 | 58.7 | 63.2 | 72.2 | 92.8 | 123.2 | 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 49.7 | 52.0 | 54.6 | 57.8 | 62.6 | 76.7 | 99.5 | 140° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 43.7 | 45.3 | 47.5 | 51.0 | 54.6 | 65.8 | 87.9 | 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 38.5 | 40.4 | 43.3 | 45.9 | 49.4 | 58.4 | 79.9 | 145° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 35.9 | 37.9 | 40.4 | 42.7 | 45.3 | 52.6 | 74.1 | 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 34.3 | 36.3 | 38.8 | 40.8 | 42.4 | 50.7 | 71.9 | 150° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 33.4 | 35.6 | 37.9 | 39.2 | 42.4 | 51.7 | 66.4 | 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 33.1 | 35.3 | 37.9 | 40.1 | 46.5 | 48.8 | 62.9 | 155° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 33.4 | 35.3 | 38.5 | 44.9 | 45.3 | 46.2 | 59.1 | 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 33.4 | 36.3 | 43.0 | 46.9 | 43.0 | 43.7 | 55.5 | 160° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 33.7 | 37.6 | 44.6 | 43.7 | 41.7 | 40.8 | 51.7 | 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 33.7 | 36.9 | 42.7 | 41.1 | 38.5 | 38.8 | 47.2 | 165° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 32.7 | 36.9 | 41.1 | 37.2 | 35.3 | 36.9 | 43.3 | 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 32.1 | 37.9 | 36.6 | 34.3 | 34.3 | 35.9 | 41.4 | 170° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 31.8 | 38.8 | 34.7 | 33.4 | 33.4 | 35.6 | 40.4 | 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 30.8 | 36.3 | 31.8 | 31.1 | 32.1 | 33.7 | 39.2 | 175° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 28.9 | 30.2 | 29.2 | 29.2 | 30.5 | 32.4 | 38.5 | 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 26.6 | 27.3 | 27.3 | 27.6 | 28.9 | 30.5 | 39.2 | 180° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 24.7 | 24.7 | 25.4 | 25.7 | 26.6 | 28.9 | 37.6 | | | | | | |
| 22.5 | 22.8 | 22.8 | 23.4 | 24.1 | 26.3 | 36.3 | | | | | | |
| 19.9 | 19.9 | 20.5 | 20.5 | 21.5 | 23.8 | 32.4 | | | | | | |
| 17.3 | 17.3 | 17.3 | 17.7 | 18.3 | 20.5 | 26.6 | | | | | | |
| 14.4 | 14.4 | 14.4 | 14.8 | 15.1 | 17.0 | 20.2 | | | | | | |
| 11.6 | 11.2 | 10.9 | 10.9 | 11.6 | 13.2 | 15.7 | | | | | | |
| 8.0 | 8.0 | 7.7 | 7.7 | 7.7 | 8.7 | 10.6 | | | | | | |
| 4.5 | 3.9 | 4.2 | 4.5 | 4.2 | 4.8 | 5.8 | | | | | | |
| 0.3 | 0.6 | 1.0 | 1.3 | 1.3 | 1.3 | 1.9 | | | | | | |
| 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 | 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 | 0.0 | | | | | | |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | | | | |



REPORT NUMBER: P227243

CATALOG NUMBER: IST-AF-350-LED-E1-SLL-7030

CANDELA DISTRIBUTION (continued):

| 295° | 300° | 305° | 310° | 315° | 320° | | 325° | 330° | 335° | 340° | 345° | 350° |
|------|------|------|------|------|------|--------|-------|-------|-------|-------|-------|--------|
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0° | 630.0 | 630.0 | 630.0 | 630.0 | 630.0 | 630.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.5° | 593.1 | 601.5 | 614.6 | 617.2 | 627.8 | 635.2 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5° | 502.6 | 522.5 | 529.6 | 543.4 | 567.5 | 579.6 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 7.5° | 414.7 | 429.8 | 446.8 | 468.9 | 486.6 | 507.4 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 10° | 341.2 | 362.7 | 384.8 | 402.8 | 427.5 | 452.5 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 12.5° | 303.0 | 314.9 | 336.7 | 362.0 | 392.9 | 420.8 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 15° | 283.1 | 297.2 | 320.6 | 347.6 | 380.3 | 415.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 17.5° | 258.4 | 280.8 | 307.5 | 346.0 | 388.4 | 436.5 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 20° | 234.0 | 261.3 | 296.2 | 347.0 | 405.7 | 468.3 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 22.5° | 212.5 | 244.9 | 289.2 | 352.7 | 427.8 | 511.3 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 25° | 187.1 | 230.4 | 283.7 | 364.6 | 461.9 | 569.1 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 27.5° | 166.9 | 216.6 | 275.7 | 374.9 | 493.0 | 624.6 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 30° | 144.4 | 200.6 | 264.5 | 378.4 | 530.9 | 670.2 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 32.5° | 126.5 | 185.5 | 251.6 | 375.2 | 547.9 | 701.9 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 35° | 117.8 | 174.6 | 240.7 | 364.0 | 562.0 | 736.3 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 37.5° | 112.0 | 162.7 | 230.1 | 345.3 | 578.0 | 770.3 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 40° | 104.6 | 153.4 | 221.5 | 331.9 | 590.6 | 798.5 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 42.5° | 97.9 | 145.1 | 214.7 | 320.0 | 593.8 | 823.9 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 45° | 92.1 | 139.9 | 209.6 | 320.6 | 596.0 | 859.2 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 47.5° | 87.6 | 135.1 | 207.7 | 331.5 | 619.8 | 908.3 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 50° | 83.4 | 131.0 | 204.4 | 352.7 | 658.0 | 974.7 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 52.5° | 78.6 | 125.2 | 200.3 | 374.6 | 699.7 | 1063.7 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 55° | 72.2 | 117.5 | 195.8 | 392.9 | 756.5 | 1171.8 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 57.5° | 62.3 | 108.5 | 192.9 | 402.2 | 791.5 | 1234.1 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 59° | 57.1 | 99.8 | 191.3 | 397.7 | 800.8 | 1244.7 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 60° | 54.2 | 94.7 | 188.7 | 392.2 | 803.4 | 1237.9 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 62.5° | 50.4 | 82.5 | 178.1 | 364.9 | 767.4 | 1156.4 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 65° | 51.4 | 78.0 | 154.1 | 310.7 | 684.9 | 997.2 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 67.5° | 52.6 | 76.1 | 133.2 | 251.0 | 545.9 | 825.2 |
| | | | | | | 70° | 51.7 | 75.1 | 121.0 | 199.6 | 408.9 | 617.8 |
| | | | | | | 72.5° | 50.4 | 70.9 | 105.0 | 160.5 | 259.3 | 432.6 |
| | | | | | | 75° | 44.6 | 59.7 | 82.5 | 110.1 | 163.7 | 315.2 |
| | | | | | | 77.5° | 35.0 | 45.9 | 58.4 | 68.4 | 83.1 | 222.4 |
| | | | | | | 80° | 25.7 | 33.4 | 38.2 | 41.1 | 46.2 | 151.8 |
| | | | | | | 82.5° | 18.3 | 22.5 | 24.4 | 26.0 | 30.8 | 113.6 |
| | | | | | | 85° | 13.8 | 15.7 | 17.0 | 17.0 | 20.9 | 80.2 |
| | | | | | | 87.5° | 7.7 | 8.0 | 8.0 | 8.7 | 10.3 | 21.8 |
| | | | | | | 90° | 2.2 | 2.2 | 1.9 | 2.2 | 1.6 | 1.3 |
| | | | | | | 92.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | 95° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | 97.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | 100° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | 102.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | 105° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | 107.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P227243

CATALOG NUMBER: IST-AF-350-LED-E1-SLL-7030

CANDELA DISTRIBUTION (continued):

| 355° | 359° | 360° | | 325° | 330° | 335° | 340° | 345° | 350° | 355° |
|--------|--------|--------|--------|------|------|------|------|------|------|------|
| 630.0 | 630.0 | 630.0 | 110° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 643.5 | 648.3 | 652.2 | 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 598.3 | 610.1 | 612.4 | 115° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 530.5 | 549.8 | 556.5 | 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 480.8 | 501.7 | 508.7 | 120° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 453.5 | 477.9 | 485.6 | 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 454.2 | 483.4 | 494.6 | 125° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 483.7 | 517.1 | 530.9 | 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 534.4 | 582.9 | 593.1 | 130° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 603.1 | 650.6 | 666.0 | 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 667.6 | 730.5 | 742.4 | 135° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 731.1 | 793.4 | 804.0 | 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 780.2 | 845.4 | 854.4 | 140° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 827.4 | 900.9 | 910.9 | 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 880.1 | 961.3 | 972.8 | 145° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 927.6 | 1020.6 | 1028.0 | 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 980.2 | 1069.1 | 1071.0 | 150° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1023.2 | 1105.1 | 1105.7 | 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1064.9 | 1138.8 | 1139.1 | 155° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1108.6 | 1175.7 | 1170.9 | 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1177.6 | 1219.3 | 1224.1 | 160° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1282.5 | 1319.8 | 1325.2 | 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1404.5 | 1456.2 | 1448.8 | 165° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1456.2 | 1515.2 | 1521.3 | 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1447.5 | 1528.1 | 1538.3 | 170° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1433.7 | 1524.2 | 1536.7 | 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1355.4 | 1484.1 | 1503.7 | 175° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1223.8 | 1401.0 | 1428.6 | 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1054.7 | 1276.8 | 1298.9 | 180° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 822.9 | 1037.7 | 1056.6 | | | | | | | | |
| 546.9 | 712.5 | 745.3 | | | | | | | | |
| 347.6 | 459.6 | 453.5 | | | | | | | | |
| 256.4 | 298.8 | 299.1 | | | | | | | | |
| 186.2 | 205.1 | 202.8 | | | | | | | | |
| 144.1 | 125.2 | 124.9 | | | | | | | | |
| 50.4 | 44.3 | 43.3 | | | | | | | | |
| 21.8 | 18.3 | 18.6 | | | | | | | | |
| 1.0 | 1.0 | 1.3 | | | | | | | | |
| 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 | | | | | | | | |

