

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: P228522

Luminaire Tested: **ISC-AF-350-LED-E1-SLL-7060-ULG**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P228522
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-7060-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) 5700K CCT, 70 CRI LEDs and (1) UPLIGHT LED
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3416.2 lumens
Efficiency: N/A
Efficacy: 92.9 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

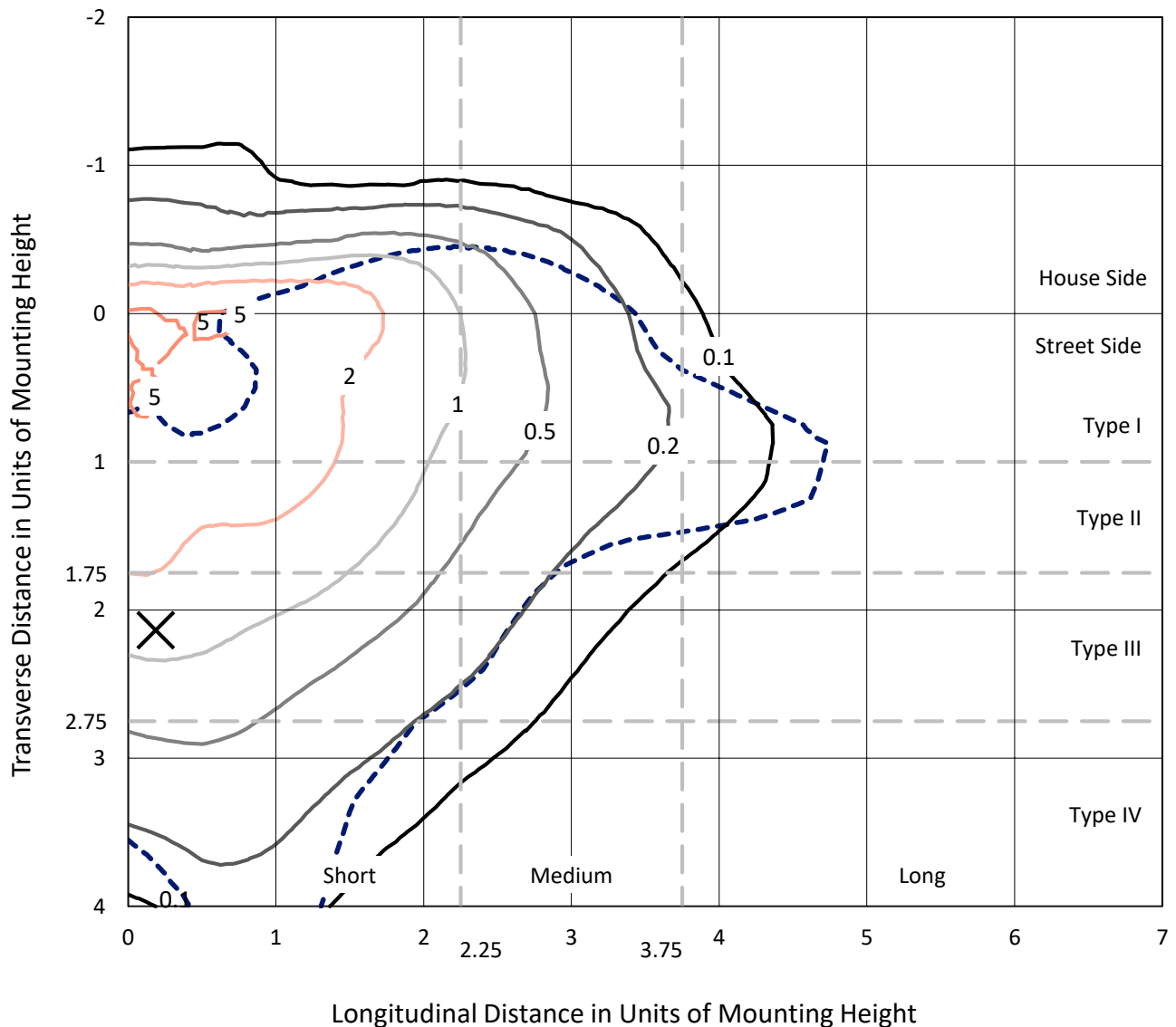


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

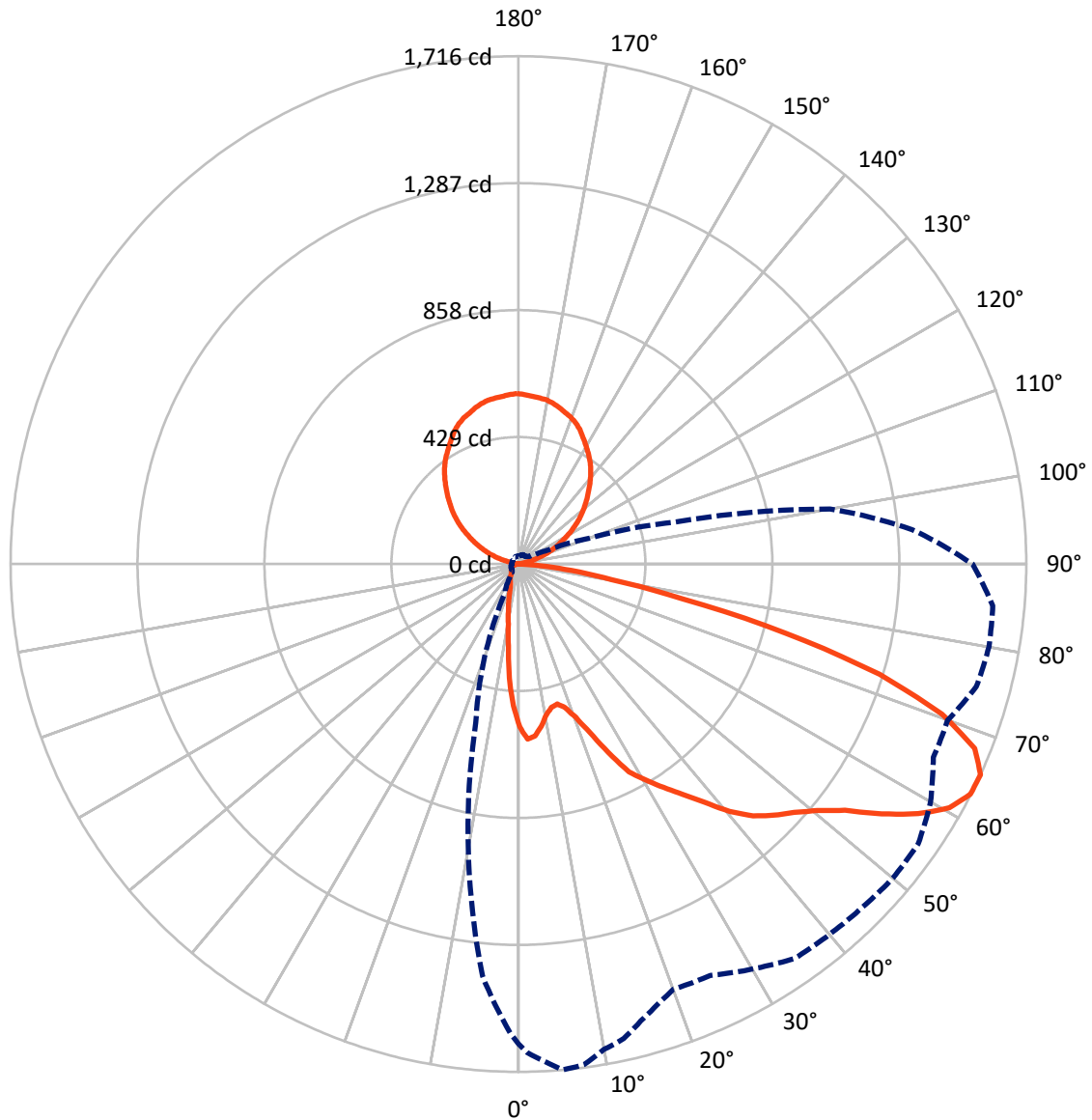


Based on 10 foot mounting height. Maximum calculated value = 7.4 fc
 Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 5-Deg Lateral

- - - Horizontal Cone Through 65-Deg Vertical

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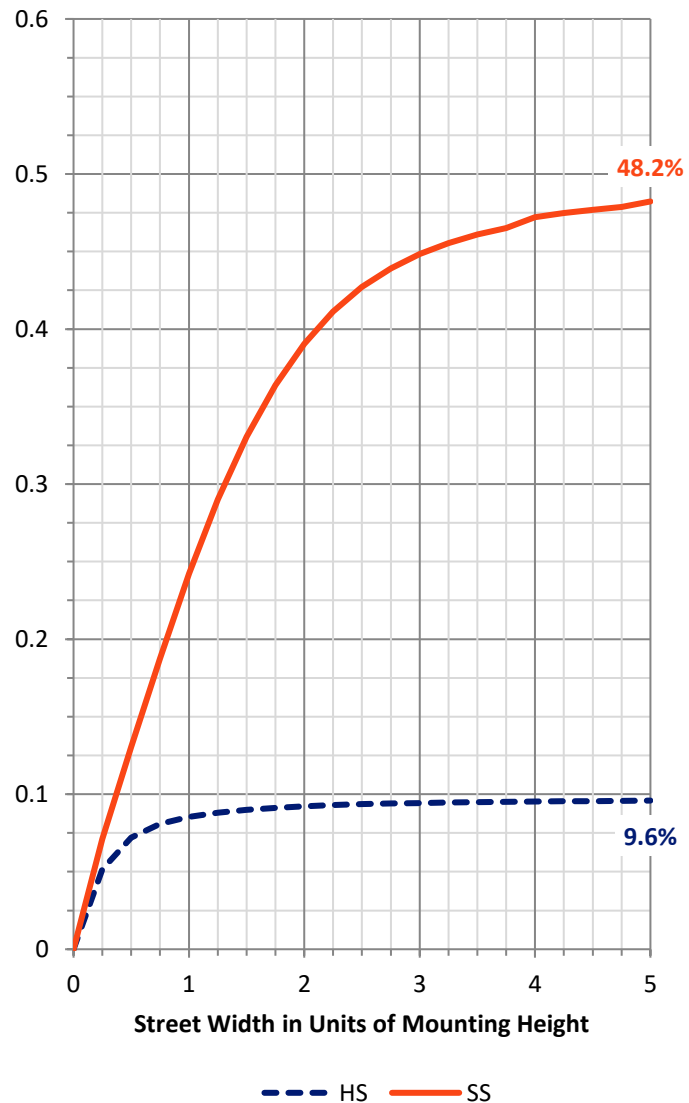
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 330.9 | 713.1 | 1044.0 |
| | % Fixture | 9.7 | 20.9 | 30.6 |
| Street Side | Lumens | 1659.1 | 713.1 | 2372.2 |
| | % Fixture | 48.6 | 20.9 | 69.4 |
| Total | Lumens | 1990.0 | 1426.2 | 3416.2 |
| | % Fixture | 58.3 | 41.7 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 42.3 | 1.2 |
| 10°-20° | 87.1 | 2.6 |
| 20°-30° | 126.7 | 3.7 |
| 30°-40° | 187.3 | 5.5 |
| 40°-50° | 273.0 | 8.0 |
| 50°-60° | 409.2 | 12.0 |
| 60°-70° | 509.9 | 14.9 |
| 70°-80° | 298.7 | 8.7 |
| 80°-90° | 55.9 | 1.6 |
| 90°-100° | 4.7 | 0.1 |
| 100°-110° | 69.0 | 2.0 |
| 110°-120° | 153.0 | 4.5 |
| 120°-130° | 223.9 | 6.6 |
| 130°-140° | 265.6 | 7.8 |
| 140°-150° | 269.3 | 7.9 |
| 150°-160° | 231.1 | 6.8 |
| 160°-170° | 155.1 | 4.5 |
| 170°-180° | 54.3 | 1.6 |
| 0°-90° | 1990.0 | 58.3 |
| 0°-180° | 3416.2 | 100.0 |



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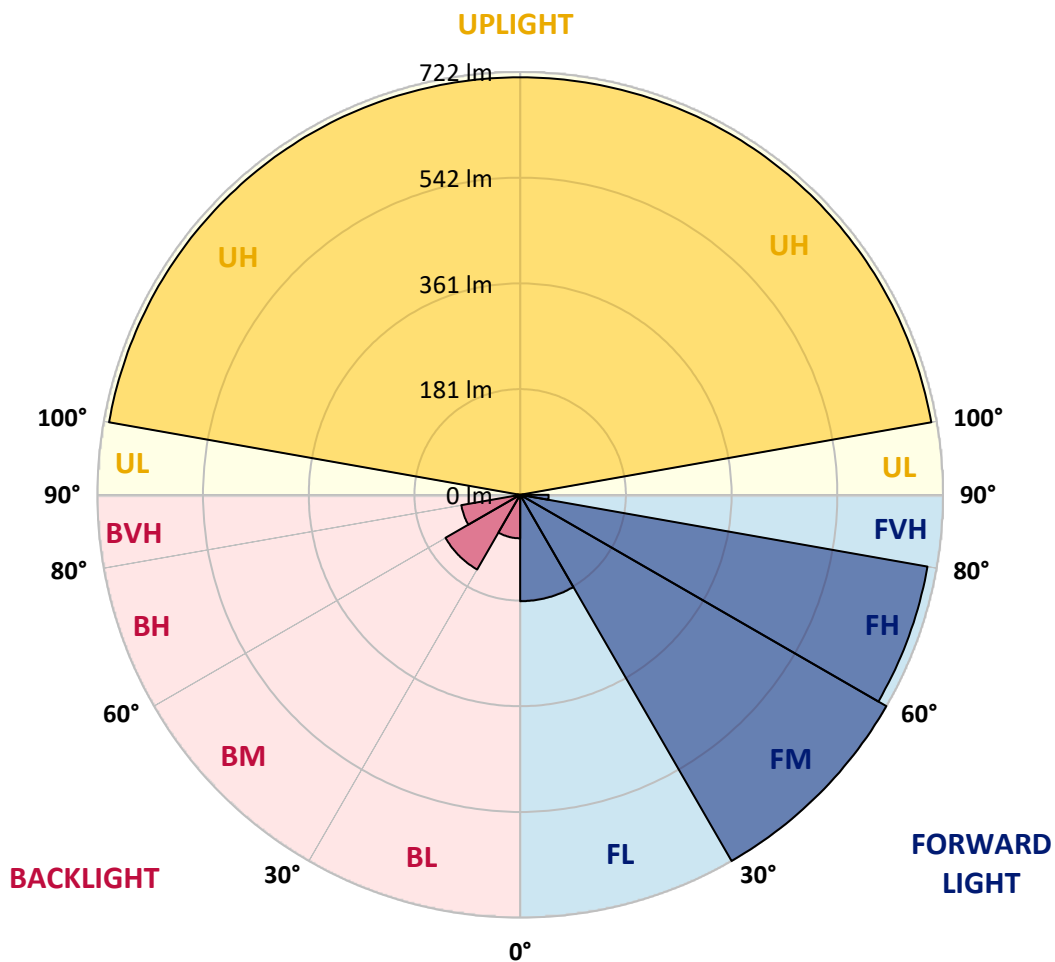
CATALOG NUMBER: ISC-AF-350-LED-E1-SLL-7060-ULG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|---------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 181.8 | 5.3 | | | |
| FM | (30°-60°) | 722.2 | 21.1 | | | |
| FH | (60°-80°) | 706.4 | 20.7 | | | G1/1800 |
| FVH | (80°-90°) | 48.7 | 1.4 | | | G1/100 |
| BL | (0°-30°) | 74.3 | 2.2 | B0/110 | | |
| BM | (30°-60°) | 147.3 | 4.3 | B0/220 | | |
| BH | (60°-80°) | 102.1 | 3.0 | B0/110 | | G0/110 |
| BVH | (80°-90°) | 7.2 | 0.2 | | | G0/10 |
| UL | (90°-100°) | 4.7 | 0.1 | | U1/10 | |
| UH | (100°-180°) | 713.1 | 20.9 | | U4/1000 | |

BUG Rating: B0-U5-G1

Type IV Short





REPORT NUMBER: P228522

CATALOG NUMBER: ISC-AF-350-LED-E1-SLL-7060-ULG

CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° | 20° | 25° | 35° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 550.7 | 550.7 | 550.7 | 550.7 | 550.7 | 550.7 | 550.7 | 550.7 | 550.7 | 550.7 | 550.7 |
| 2.5° | 584.6 | 583.0 | 592.5 | 594.0 | 600.3 | 600.3 | 607.4 | 613.7 | 616.1 | 621.6 | 635.8 |
| 5° | 565.7 | 570.4 | 583.8 | 597.2 | 606.6 | 616.1 | 626.3 | 639.0 | 649.2 | 666.5 | 702.8 |
| 7.5° | 523.9 | 531.0 | 553.9 | 567.3 | 582.2 | 598.8 | 611.4 | 626.3 | 642.1 | 671.3 | 735.9 |
| 10° | 483.0 | 488.5 | 517.6 | 534.2 | 555.4 | 572.8 | 590.9 | 607.4 | 624.8 | 661.0 | 735.9 |
| 12.5° | 457.0 | 464.0 | 497.1 | 512.9 | 537.3 | 555.4 | 577.5 | 597.2 | 617.7 | 656.3 | 728.8 |
| 15° | 451.4 | 459.3 | 490.8 | 510.5 | 531.8 | 549.1 | 568.8 | 589.3 | 609.8 | 647.6 | 712.2 |
| 17.5° | 466.4 | 475.9 | 509.7 | 531.8 | 548.3 | 568.0 | 582.2 | 601.9 | 615.3 | 645.3 | 676.0 |
| 20° | 501.9 | 512.9 | 553.1 | 574.3 | 587.7 | 600.3 | 611.4 | 623.2 | 628.7 | 635.8 | 630.3 |
| 22.5° | 558.6 | 572.0 | 617.7 | 642.1 | 651.6 | 661.0 | 661.8 | 663.4 | 659.4 | 640.5 | 598.0 |
| 25° | 639.7 | 653.1 | 705.1 | 728.8 | 728.8 | 728.8 | 720.1 | 713.8 | 695.7 | 660.2 | 589.3 |
| 27.5° | 715.4 | 732.7 | 794.9 | 809.9 | 805.2 | 798.1 | 781.6 | 765.8 | 739.8 | 680.7 | 588.5 |
| 30° | 772.1 | 789.4 | 846.9 | 858.8 | 846.9 | 829.6 | 803.6 | 780.8 | 750.0 | 691.0 | 594.0 |
| 32.5° | 824.1 | 844.6 | 899.7 | 901.3 | 880.0 | 860.3 | 831.2 | 805.2 | 772.9 | 709.9 | 610.6 |
| 35° | 879.2 | 899.7 | 955.7 | 944.6 | 913.9 | 887.1 | 857.2 | 834.3 | 802.0 | 734.3 | 637.4 |
| 37.5° | 955.7 | 973.8 | 1021.1 | 995.1 | 955.7 | 921.0 | 888.7 | 858.8 | 826.5 | 767.4 | 682.3 |
| 40° | 1029.7 | 1055.7 | 1099.1 | 1057.3 | 1009.2 | 962.8 | 927.3 | 895.8 | 860.3 | 812.3 | 739.8 |
| 42.5° | 1099.1 | 1123.5 | 1163.7 | 1110.1 | 1054.2 | 1007.7 | 970.6 | 936.8 | 902.9 | 863.5 | 809.1 |
| 45° | 1151.8 | 1177.1 | 1210.9 | 1154.2 | 1090.4 | 1042.3 | 1002.2 | 972.2 | 942.3 | 915.5 | 896.6 |
| 47.5° | 1203.1 | 1228.3 | 1254.3 | 1192.8 | 1129.8 | 1080.9 | 1033.7 | 1006.1 | 982.5 | 968.3 | 991.1 |
| 50° | 1269.2 | 1286.6 | 1308.6 | 1242.4 | 1175.5 | 1119.5 | 1072.3 | 1051.0 | 1028.9 | 1033.7 | 1110.1 |
| 52.5° | 1359.1 | 1374.0 | 1381.9 | 1317.3 | 1242.4 | 1178.6 | 1126.6 | 1097.5 | 1079.4 | 1106.9 | 1236.1 |
| 55° | 1485.9 | 1507.2 | 1489.8 | 1426.0 | 1331.5 | 1259.0 | 1195.2 | 1160.5 | 1149.5 | 1186.5 | 1362.2 |
| 57.5° | 1595.4 | 1604.9 | 1592.3 | 1529.2 | 1432.3 | 1351.2 | 1283.4 | 1247.2 | 1234.6 | 1283.4 | 1477.2 |
| 60° | 1643.5 | 1655.3 | 1672.6 | 1618.3 | 1527.7 | 1447.3 | 1389.0 | 1353.5 | 1332.3 | 1389.0 | 1569.4 |
| 62.5° | 1651.3 | 1671.0 | 1713.6 | 1686.0 | 1614.3 | 1554.4 | 1501.7 | 1452.8 | 1436.3 | 1479.6 | 1630.1 |
| 65° | 1620.6 | 1650.6 | 1716.0 | 1705.7 | 1665.5 | 1642.7 | 1598.6 | 1560.7 | 1529.2 | 1534.0 | 1626.9 |
| 67.5° | 1551.3 | 1586.0 | 1662.4 | 1657.6 | 1662.4 | 1662.4 | 1623.8 | 1592.3 | 1551.3 | 1493.0 | 1507.2 |
| 70° | 1384.3 | 1430.0 | 1518.2 | 1541.0 | 1581.2 | 1581.2 | 1547.4 | 1499.3 | 1452.0 | 1332.3 | 1259.8 |
| 72.5° | 1109.3 | 1140.0 | 1275.5 | 1386.6 | 1437.8 | 1417.4 | 1384.3 | 1303.9 | 1199.9 | 1068.3 | 969.9 |
| 75° | 750.8 | 768.9 | 935.2 | 1138.5 | 1231.4 | 1214.1 | 1159.7 | 1059.7 | 952.5 | 806.0 | 681.5 |
| 77.5° | 418.4 | 442.0 | 566.5 | 725.6 | 850.9 | 848.5 | 841.4 | 777.6 | 692.5 | 571.2 | 506.6 |
| 80° | 245.8 | 253.7 | 319.1 | 434.9 | 542.8 | 516.8 | 498.7 | 448.3 | 405.0 | 349.8 | 399.4 |
| 82.5° | 150.5 | 142.6 | 181.2 | 264.7 | 320.7 | 309.6 | 278.9 | 260.0 | 239.5 | 224.5 | 265.5 |
| 85° | 41.0 | 37.0 | 74.1 | 111.1 | 136.3 | 147.3 | 147.3 | 145.8 | 130.8 | 98.5 | 118.2 |
| 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 |



REPORT NUMBER: P228522

CATALOG NUMBER: ISC-AF-350-LED-E1-SLL-7060-ULG

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 |



REPORT NUMBER: P228522

CATALOG NUMBER: ISC-AF-350-LED-E1-SLL-7060-ULG

CANDELA DISTRIBUTION (continued):

| | 45° | 50° | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 550.7 | 550.7 | 550.7 | 550.7 | 550.7 | 550.7 | 550.7 | 550.7 | 550.7 | 550.7 | 550.7 |
| 2.5° | 641.3 | 642.1 | 639.7 | 645.3 | 639.0 | 635.8 | 626.3 | 626.3 | 618.5 | 612.2 | 605.1 |
| 5° | 716.2 | 720.9 | 716.9 | 717.7 | 705.1 | 692.5 | 673.6 | 662.6 | 642.9 | 621.6 | 599.6 |
| 7.5° | 766.6 | 774.5 | 771.3 | 757.9 | 738.2 | 711.4 | 679.9 | 650.0 | 617.7 | 583.0 | 550.7 |
| 10° | 780.0 | 788.6 | 781.6 | 756.3 | 724.0 | 686.2 | 648.4 | 608.2 | 568.8 | 531.8 | 497.1 |
| 12.5° | 761.1 | 767.4 | 752.4 | 724.8 | 693.3 | 655.5 | 616.1 | 581.4 | 535.0 | 495.6 | 455.4 |
| 15° | 713.0 | 709.1 | 707.5 | 687.8 | 665.7 | 635.0 | 598.0 | 562.5 | 519.2 | 479.0 | 436.5 |
| 17.5° | 661.0 | 656.3 | 657.9 | 650.0 | 646.8 | 632.6 | 605.1 | 575.1 | 536.5 | 487.7 | 442.0 |
| 20° | 615.3 | 610.6 | 613.0 | 616.9 | 628.7 | 629.5 | 624.8 | 605.1 | 576.7 | 525.5 | 469.6 |
| 22.5° | 575.9 | 576.7 | 584.6 | 595.6 | 615.3 | 640.5 | 660.2 | 664.2 | 644.5 | 584.6 | 514.5 |
| 25° | 564.1 | 560.2 | 568.8 | 587.0 | 620.0 | 668.9 | 713.0 | 735.1 | 724.0 | 664.2 | 578.3 |
| 27.5° | 560.2 | 554.7 | 564.1 | 587.7 | 640.5 | 709.1 | 772.1 | 805.2 | 809.1 | 747.7 | 646.8 |
| 30° | 560.2 | 557.8 | 567.3 | 598.0 | 653.9 | 722.5 | 792.6 | 842.2 | 858.0 | 806.8 | 706.7 |
| 32.5° | 567.3 | 568.8 | 585.4 | 624.8 | 682.3 | 752.4 | 824.9 | 878.5 | 906.8 | 868.2 | 754.8 |
| 35° | 583.0 | 586.2 | 609.8 | 655.5 | 717.7 | 788.6 | 854.8 | 909.2 | 954.9 | 934.4 | 799.7 |
| 37.5° | 616.9 | 621.6 | 650.8 | 697.3 | 754.0 | 817.8 | 882.4 | 940.7 | 1006.9 | 998.2 | 846.9 |
| 40° | 676.8 | 676.8 | 705.9 | 746.1 | 792.6 | 841.4 | 905.2 | 973.8 | 1054.9 | 1066.8 | 905.2 |
| 42.5° | 752.4 | 749.3 | 768.2 | 797.3 | 829.6 | 870.6 | 928.1 | 1004.5 | 1099.8 | 1125.8 | 949.4 |
| 45° | 856.4 | 840.6 | 850.9 | 858.0 | 873.7 | 898.9 | 950.2 | 1033.7 | 1136.1 | 1170.0 | 982.5 |
| 47.5° | 978.5 | 956.5 | 947.8 | 934.4 | 928.9 | 938.3 | 982.5 | 1056.5 | 1170.8 | 1207.8 | 1036.0 |
| 50° | 1113.2 | 1092.0 | 1069.1 | 1032.9 | 1001.4 | 991.9 | 1018.7 | 1087.2 | 1207.8 | 1255.1 | 1095.1 |
| 52.5° | 1253.5 | 1238.5 | 1208.6 | 1151.8 | 1092.0 | 1058.1 | 1070.7 | 1138.5 | 1266.9 | 1328.3 | 1165.2 |
| 55° | 1381.9 | 1386.6 | 1350.4 | 1284.2 | 1198.3 | 1146.3 | 1161.3 | 1229.1 | 1374.0 | 1446.5 | 1282.6 |
| 57.5° | 1519.8 | 1507.2 | 1478.8 | 1410.3 | 1316.5 | 1260.6 | 1266.9 | 1348.8 | 1493.8 | 1548.9 | 1399.2 |
| 60° | 1611.2 | 1611.2 | 1580.4 | 1528.4 | 1439.4 | 1387.4 | 1396.9 | 1472.5 | 1589.9 | 1595.4 | 1451.2 |
| 62.5° | 1670.3 | 1678.9 | 1654.5 | 1617.5 | 1530.8 | 1487.5 | 1519.8 | 1573.3 | 1637.2 | 1591.5 | 1425.2 |
| 65° | 1641.9 | 1651.3 | 1649.0 | 1608.0 | 1546.6 | 1543.4 | 1601.7 | 1614.3 | 1608.8 | 1534.0 | 1335.4 |
| 67.5° | 1513.5 | 1494.6 | 1493.8 | 1472.5 | 1459.9 | 1525.3 | 1599.3 | 1603.3 | 1510.3 | 1421.3 | 1193.6 |
| 70° | 1269.2 | 1236.9 | 1224.3 | 1230.6 | 1288.1 | 1410.3 | 1515.8 | 1485.9 | 1337.8 | 1261.4 | 1016.3 |
| 72.5° | 978.5 | 939.9 | 932.0 | 956.5 | 1045.5 | 1217.2 | 1361.4 | 1319.7 | 1099.8 | 1010.8 | 787.1 |
| 75° | 694.1 | 677.6 | 678.3 | 726.4 | 822.5 | 988.0 | 1155.8 | 1151.8 | 814.6 | 697.3 | 542.0 |
| 77.5° | 505.0 | 508.2 | 522.3 | 541.3 | 624.0 | 783.9 | 941.5 | 931.2 | 579.9 | 479.0 | 379.0 |
| 80° | 416.8 | 421.5 | 421.5 | 411.3 | 432.5 | 517.6 | 639.7 | 683.1 | 388.4 | 322.2 | 264.7 |
| 82.5° | 299.4 | 323.0 | 336.4 | 319.9 | 312.0 | 341.1 | 401.0 | 429.4 | 241.9 | 203.3 | 185.1 |
| 85° | 142.6 | 163.1 | 167.8 | 163.9 | 188.3 | 215.1 | 229.3 | 234.8 | 132.4 | 94.5 | 121.3 |
| 87.5° | 0.0 | 0.0 | 0.8 | 6.3 | 17.3 | 29.9 | 29.9 | 45.7 | 7.1 | 2.4 | 5.5 |
| 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° | 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: P228522

CATALOG NUMBER: ISC-AF-350-LED-E1-SLL-7060-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: P228522

CATALOG NUMBER: ISC-AF-350-LED-E1-SLL-7060-ULG

CANDELA DISTRIBUTION (continued):

| | 100° | 105° | 110° | 115° | 120° | 125° | 130° | 135° | 145° | 155° | 165° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 550.7 | 550.7 | 550.7 | 550.7 | 550.7 | 550.7 | 550.7 | 550.7 | 550.7 | 550.7 | 550.7 |
| 2.5° | 595.6 | 585.4 | 577.5 | 568.0 | 560.2 | 552.3 | 546.8 | 535.0 | 525.5 | 504.2 | 498.7 |
| 5° | 581.4 | 559.4 | 544.4 | 530.2 | 512.1 | 499.5 | 486.1 | 469.6 | 451.4 | 420.7 | 411.3 |
| 7.5° | 525.5 | 497.9 | 477.4 | 457.0 | 433.3 | 412.0 | 392.4 | 370.3 | 338.8 | 305.7 | 293.1 |
| 10° | 464.8 | 435.7 | 407.3 | 382.9 | 354.5 | 330.9 | 313.6 | 297.8 | 272.6 | 247.4 | 230.8 |
| 12.5° | 415.2 | 382.1 | 349.8 | 325.4 | 310.4 | 298.6 | 286.0 | 273.4 | 246.6 | 218.2 | 198.5 |
| 15° | 392.4 | 353.7 | 325.4 | 304.9 | 291.5 | 277.3 | 262.4 | 248.2 | 216.7 | 183.6 | 159.9 |
| 17.5° | 395.5 | 351.4 | 315.1 | 287.6 | 269.4 | 249.8 | 232.4 | 214.3 | 179.6 | 140.2 | 119.0 |
| 20° | 412.8 | 353.7 | 304.1 | 271.8 | 245.8 | 220.6 | 198.5 | 175.7 | 133.1 | 102.4 | 87.5 |
| 22.5° | 434.9 | 361.6 | 297.8 | 256.1 | 223.8 | 192.2 | 163.9 | 137.1 | 98.5 | 80.4 | 73.3 |
| 25° | 472.7 | 379.7 | 296.2 | 241.9 | 202.5 | 164.7 | 135.5 | 107.1 | 79.6 | 70.9 | 67.0 |
| 27.5° | 520.0 | 400.2 | 297.8 | 231.6 | 184.4 | 142.6 | 110.3 | 89.0 | 71.7 | 67.0 | 63.8 |
| 30° | 567.3 | 421.5 | 290.7 | 215.9 | 163.1 | 122.1 | 94.5 | 81.1 | 70.9 | 65.4 | 59.9 |
| 32.5° | 609.0 | 437.3 | 278.9 | 199.3 | 144.2 | 104.0 | 80.4 | 69.3 | 62.2 | 55.9 | 54.4 |
| 35° | 639.0 | 444.4 | 265.5 | 189.1 | 131.6 | 93.0 | 70.9 | 62.2 | 55.1 | 48.8 | 45.7 |
| 37.5° | 667.3 | 445.1 | 251.3 | 179.6 | 126.8 | 88.2 | 65.4 | 57.5 | 51.2 | 45.7 | 42.5 |
| 40° | 696.5 | 442.0 | 243.4 | 170.2 | 119.8 | 85.9 | 63.0 | 53.6 | 49.6 | 43.3 | 40.2 |
| 42.5° | 717.7 | 436.5 | 240.3 | 164.7 | 113.5 | 79.6 | 61.5 | 52.8 | 47.3 | 42.5 | 38.6 |
| 45° | 737.4 | 431.0 | 240.3 | 159.9 | 108.7 | 75.6 | 58.3 | 53.6 | 45.7 | 41.8 | 37.0 |
| 47.5° | 761.1 | 433.3 | 241.1 | 156.0 | 104.8 | 71.7 | 55.1 | 52.0 | 46.5 | 41.0 | 36.2 |
| 50° | 801.2 | 460.1 | 245.0 | 153.6 | 101.6 | 68.5 | 52.8 | 49.6 | 51.2 | 40.2 | 35.5 |
| 52.5° | 870.6 | 502.7 | 251.3 | 152.1 | 98.5 | 66.2 | 49.6 | 48.1 | 52.0 | 40.2 | 34.7 |
| 55° | 961.2 | 546.0 | 257.6 | 148.1 | 93.8 | 61.5 | 48.1 | 44.9 | 48.1 | 40.2 | 33.9 |
| 57.5° | 1049.4 | 578.3 | 263.1 | 142.6 | 85.9 | 56.7 | 45.7 | 42.5 | 44.1 | 39.4 | 32.3 |
| 60° | 1100.6 | 603.5 | 268.7 | 133.1 | 76.4 | 51.2 | 43.3 | 40.2 | 39.4 | 39.4 | 31.5 |
| 62.5° | 1114.8 | 594.0 | 265.5 | 121.3 | 68.5 | 47.3 | 41.0 | 37.8 | 35.5 | 40.2 | 31.5 |
| 65° | 1069.9 | 544.4 | 253.7 | 111.1 | 63.0 | 45.7 | 38.6 | 36.2 | 33.9 | 34.7 | 29.9 |
| 67.5° | 932.0 | 457.7 | 221.4 | 101.6 | 62.2 | 44.9 | 37.0 | 34.7 | 31.5 | 30.7 | 28.4 |
| 70° | 760.3 | 359.3 | 183.6 | 94.5 | 61.5 | 44.9 | 35.5 | 32.3 | 29.9 | 27.6 | 26.0 |
| 72.5° | 584.6 | 268.7 | 154.4 | 91.4 | 62.2 | 44.1 | 33.1 | 29.2 | 26.8 | 25.2 | 23.6 |
| 75° | 411.3 | 189.9 | 128.4 | 81.9 | 58.3 | 41.8 | 30.7 | 26.0 | 23.6 | 22.1 | 20.5 |
| 77.5° | 297.8 | 129.2 | 95.3 | 66.2 | 49.6 | 36.2 | 26.8 | 22.1 | 19.7 | 18.9 | 17.3 |
| 80° | 189.9 | 79.6 | 63.8 | 48.8 | 36.2 | 28.4 | 20.5 | 17.3 | 15.8 | 14.2 | 13.4 |
| 82.5° | 109.5 | 46.5 | 38.6 | 33.1 | 23.6 | 18.9 | 15.0 | 13.4 | 10.2 | 9.5 | 8.7 |
| 85° | 67.0 | 29.2 | 21.3 | 17.3 | 15.0 | 11.8 | 8.7 | 7.9 | 5.5 | 4.7 | 3.9 |
| 87.5° | 15.0 | 6.3 | 5.5 | 3.9 | 4.7 | 3.9 | 2.4 | 1.6 | 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 |



REPORT NUMBER: P228522
 CATALOG NUMBER: ISC-AF-350-LED-E1-SLL-7060-ULG

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° |
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| | | | | | | | | | | | | 97.5° |
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| | | | | | | | | | | | | 102.5° |
| | | | | | | | | | | | | 105° |
| | | | | | | | | | | | | 107.5° |
| | | | | | | | | | | | | 110° |



NUMBER: P228522
 NUMBER: ISC-AF-350-LED-E1-SLL-7060-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° |
|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|--------|--------|-------|
| 550.7 | 550.7 | 550.7 | 550.7 | 550.7 | 550.7 | 550.7 | 550.7 | 550.7 | 550.7 | 550.7 | 112.5° | 124.0 |
| 490.0 | 478.2 | 479.0 | 476.7 | 470.4 | 460.1 | 457.0 | 451.4 | 452.2 | 455.4 | 452.2 | 115° | 147.0 |
| 400.2 | 386.0 | 387.6 | 386.8 | 380.5 | 373.4 | 367.9 | 360.8 | 358.5 | 360.8 | 356.9 | 117.5° | 170.0 |
| 283.6 | 274.2 | 277.3 | 284.4 | 283.6 | 279.7 | 275.0 | 267.1 | 265.5 | 266.3 | 259.2 | 120° | 195.0 |
| 216.7 | 207.2 | 204.8 | 204.1 | 202.5 | 200.1 | 193.8 | 187.5 | 185.1 | 185.9 | 181.2 | 122.5° | 220.0 |
| 181.2 | 173.3 | 163.9 | 155.2 | 147.3 | 144.2 | 136.3 | 132.4 | 131.6 | 131.6 | 129.2 | 125° | 246.0 |
| 143.4 | 137.1 | 131.6 | 122.9 | 116.6 | 111.9 | 106.4 | 103.2 | 102.4 | 103.2 | 103.2 | 127.5° | 269.0 |
| 107.1 | 104.0 | 101.6 | 100.8 | 97.7 | 94.5 | 91.4 | 89.8 | 89.0 | 89.0 | 89.8 | 130° | 292.0 |
| 81.9 | 81.1 | 81.1 | 81.1 | 85.1 | 88.2 | 89.0 | 86.7 | 85.9 | 85.1 | 84.3 | 132.5° | 314.0 |
| 70.9 | 70.1 | 70.9 | 75.6 | 73.3 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 71.7 | 135° | 337.0 |
| 65.4 | 66.2 | 67.0 | 64.6 | 62.2 | 60.7 | 59.9 | 59.9 | 59.1 | 59.1 | 59.9 | 137.5° | 360.0 |
| 62.2 | 61.5 | 60.7 | 59.1 | 57.5 | 55.1 | 54.4 | 53.6 | 53.6 | 53.6 | 53.6 | 140° | 383.0 |
| 58.3 | 57.5 | 56.7 | 55.1 | 52.8 | 49.6 | 48.8 | 48.8 | 48.1 | 48.8 | 48.8 | 142.5° | 406.0 |
| 53.6 | 52.8 | 52.0 | 50.4 | 48.1 | 46.5 | 45.7 | 44.1 | 44.1 | 44.1 | 44.9 | 145° | 426.0 |
| 43.3 | 42.5 | 42.5 | 43.3 | 43.3 | 42.5 | 42.5 | 41.0 | 41.0 | 41.0 | 41.0 | 147.5° | 444.0 |
| 40.2 | 39.4 | 39.4 | 38.6 | 39.4 | 40.2 | 39.4 | 38.6 | 38.6 | 37.8 | 37.8 | 150° | 462.0 |
| 37.8 | 37.8 | 37.0 | 36.2 | 36.2 | 37.8 | 37.0 | 36.2 | 35.5 | 35.5 | 35.5 | 152.5° | 480.0 |
| 36.2 | 35.5 | 35.5 | 34.7 | 34.7 | 34.7 | 33.9 | 33.1 | 32.3 | 32.3 | 32.3 | 155° | 500.0 |
| 34.7 | 34.7 | 33.9 | 33.1 | 32.3 | 32.3 | 30.7 | 29.9 | 29.9 | 29.9 | 30.7 | 157.5° | 515.0 |
| 33.9 | 33.1 | 33.1 | 32.3 | 31.5 | 29.9 | 29.2 | 28.4 | 28.4 | 28.4 | 28.4 | 160° | 527.0 |
| 33.1 | 32.3 | 31.5 | 31.5 | 29.9 | 29.2 | 28.4 | 27.6 | 27.6 | 27.6 | 27.6 | 162.5° | 536.0 |
| 32.3 | 31.5 | 30.7 | 29.9 | 29.2 | 28.4 | 27.6 | 26.8 | 26.8 | 26.8 | 26.8 | 165° | 547.0 |
| 30.7 | 29.9 | 29.9 | 29.2 | 29.2 | 28.4 | 27.6 | 26.8 | 26.8 | 26.8 | 26.0 | 167.5° | 556.0 |
| 29.9 | 29.2 | 28.4 | 28.4 | 28.4 | 27.6 | 26.8 | 26.0 | 26.0 | 26.0 | 26.0 | 170° | 563.0 |
| 29.2 | 28.4 | 28.4 | 27.6 | 27.6 | 26.8 | 26.8 | 26.0 | 25.2 | 25.2 | 24.4 | 172.5° | 566.0 |
| 28.4 | 27.6 | 27.6 | 26.8 | 27.6 | 26.8 | 26.0 | 25.2 | 24.4 | 24.4 | 23.6 | 175° | 569.0 |
| 27.6 | 26.8 | 26.8 | 26.0 | 26.0 | 25.2 | 25.2 | 23.6 | 23.6 | 23.6 | 22.8 | 177.5° | 573.0 |
| 26.0 | 25.2 | 25.2 | 26.0 | 25.2 | 24.4 | 24.4 | 22.8 | 22.8 | 22.1 | 22.1 | 180° | 576.0 |
| 23.6 | 23.6 | 23.6 | 24.4 | 23.6 | 22.8 | 22.8 | 22.1 | 21.3 | 20.5 | 20.5 | | |
| 22.1 | 21.3 | 22.1 | 22.1 | 22.1 | 21.3 | 22.1 | 20.5 | 19.7 | 18.9 | 18.9 | | |
| 18.9 | 18.9 | 18.9 | 18.9 | 18.9 | 18.9 | 18.9 | 18.9 | 18.1 | 17.3 | 16.5 | | |
| 15.0 | 15.8 | 15.8 | 15.8 | 15.8 | 16.5 | 15.8 | 15.8 | 15.8 | 15.0 | 14.2 | | |
| 11.0 | 11.0 | 11.8 | 12.6 | 11.8 | 12.6 | 11.8 | 12.6 | 11.8 | 11.8 | 11.8 | | |
| 6.3 | 6.3 | 7.1 | 7.9 | 7.9 | 8.7 | 7.1 | 7.9 | 7.9 | 8.7 | 7.9 | | |
| 2.4 | 2.4 | 2.4 | 2.4 | 3.2 | 3.2 | 2.4 | 3.2 | 3.2 | 3.9 | 3.9 | | |
| 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 | | |
| 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 | | |

'228522
 ISC-AF-350-LED-E1-SLL-7060-ULG

REPORT NUMBER: P228522
 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° | 550.7 | 550.7 |
| 146.0 | 147.0 | 149.0 | 151.0 | 154.0 | 156.0 | 157.0 | 157.5 | 158.0 | 158.0 | 2.5° | 458.5 | 458.5 |
| 169.0 | 170.0 | 172.0 | 174.0 | 177.0 | 179.0 | 179.5 | 179.8 | 180.0 | 180.2 | 5° | 360.1 | 359.3 |
| 193.0 | 195.0 | 196.0 | 198.0 | 201.0 | 202.0 | 203.0 | 203.5 | 204.0 | 204.0 | 7.5° | 261.6 | 259.2 |
| 219.0 | 220.0 | 221.0 | 223.0 | 226.0 | 227.0 | 227.5 | 227.8 | 228.0 | 228.0 | 10° | 182.8 | 176.5 |
| 244.0 | 246.0 | 247.0 | 248.0 | 251.0 | 252.0 | 252.5 | 252.8 | 253.0 | 253.2 | 12.5° | 132.4 | 130.0 |
| 267.0 | 269.0 | 270.0 | 272.0 | 274.0 | 276.0 | 277.0 | 277.5 | 278.0 | 277.8 | 15° | 104.8 | 104.8 |
| 290.0 | 292.0 | 293.0 | 294.0 | 298.0 | 299.0 | 300.0 | 300.5 | 301.0 | 301.0 | 17.5° | 90.6 | 90.6 |
| 313.0 | 314.0 | 317.0 | 318.0 | 321.0 | 322.0 | 323.5 | 324.2 | 325.0 | 325.0 | 20° | 83.5 | 82.7 |
| 336.0 | 337.0 | 339.0 | 341.0 | 345.0 | 345.0 | 346.5 | 347.2 | 348.0 | 348.0 | 22.5° | 71.7 | 70.9 |
| 359.0 | 360.0 | 363.0 | 364.0 | 367.0 | 367.0 | 368.0 | 368.5 | 369.0 | 369.0 | 25° | 59.1 | 59.1 |
| 382.0 | 383.0 | 385.0 | 386.0 | 388.0 | 389.0 | 389.5 | 389.8 | 390.0 | 390.0 | 27.5° | 53.6 | 53.6 |
| 404.0 | 406.0 | 408.0 | 407.0 | 410.0 | 410.0 | 411.0 | 411.5 | 412.0 | 412.0 | 30° | 48.8 | 49.6 |
| 425.0 | 426.0 | 428.0 | 428.0 | 431.0 | 432.0 | 433.0 | 433.5 | 434.0 | 433.8 | 32.5° | 44.9 | 44.9 |
| 444.0 | 444.0 | 447.0 | 448.0 | 452.0 | 453.0 | 453.5 | 453.8 | 454.0 | 453.5 | 35° | 40.2 | 40.2 |
| 461.0 | 462.0 | 464.0 | 465.0 | 469.0 | 470.0 | 470.5 | 470.8 | 471.0 | 470.5 | 37.5° | 37.0 | 36.2 |
| 479.0 | 480.0 | 483.0 | 482.0 | 485.0 | 486.0 | 486.5 | 486.8 | 487.0 | 486.8 | 40° | 33.9 | 33.9 |
| 499.0 | 500.0 | 502.0 | 501.0 | 503.0 | 503.0 | 503.5 | 503.8 | 504.0 | 503.8 | 42.5° | 31.5 | 31.5 |
| 513.0 | 515.0 | 517.0 | 516.0 | 519.0 | 519.0 | 519.0 | 519.0 | 519.0 | 518.5 | 45° | 29.9 | 29.9 |
| 525.0 | 527.0 | 529.0 | 529.0 | 532.0 | 532.0 | 532.0 | 532.0 | 532.0 | 531.5 | 47.5° | 29.2 | 29.2 |
| 535.0 | 536.0 | 539.0 | 538.0 | 541.0 | 541.0 | 541.5 | 541.8 | 542.0 | 541.5 | 50° | 27.6 | 27.6 |
| 546.0 | 547.0 | 549.0 | 548.0 | 552.0 | 552.0 | 552.5 | 552.8 | 553.0 | 552.2 | 52.5° | 26.8 | 26.8 |
| 555.0 | 556.0 | 559.0 | 558.0 | 561.0 | 560.0 | 560.0 | 560.0 | 560.0 | 559.5 | 55° | 26.0 | 26.8 |
| 562.0 | 563.0 | 566.0 | 565.0 | 567.0 | 566.0 | 565.5 | 565.2 | 565.0 | 564.8 | 57.5° | 25.2 | 25.2 |
| 565.0 | 566.0 | 569.0 | 567.0 | 569.0 | 568.0 | 568.5 | 568.8 | 569.0 | 568.5 | 60° | 24.4 | 24.4 |
| 567.0 | 569.0 | 570.0 | 569.0 | 572.0 | 572.0 | 572.5 | 572.8 | 573.0 | 572.2 | 62.5° | 23.6 | 23.6 |
| 572.0 | 573.0 | 575.0 | 574.0 | 578.0 | 577.0 | 577.0 | 577.0 | 577.0 | 576.2 | 65° | 22.8 | 22.8 |
| 576.0 | 576.0 | 576.0 | 576.0 | 576.0 | 576.0 | 576.0 | 576.0 | 576.0 | 576.0 | 67.5° | 21.3 | 21.3 |
| | | | | | | | | | | 70° | 19.7 | 19.7 |
| | | | | | | | | | | 72.5° | 18.1 | 18.1 |
| | | | | | | | | | | 75° | 16.5 | 15.8 |
| | | | | | | | | | | 77.5° | 14.2 | 13.4 |
| | | | | | | | | | | 80° | 11.8 | 11.0 |
| | | | | | | | | | | 82.5° | 8.7 | 7.9 |
| | | | | | | | | | | 85° | 3.9 | 3.9 |
| | | | | | | | | | | 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: P228522

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

0-LED-E1-SLL-7060-ULG

tinued):

CANDELA DISTRIBUTION (continued):

| 245° | 247.5° | 250° | 252.5° | 255° | 257.5° | 260° | 265° | 270° | | 240° | 242.5° | 245° |
|-------|--------|-------|--------|-------|--------|-------|-------|-------|--------|-------|--------|-------|
| 550.7 | 550.7 | 550.7 | 550.7 | 550.7 | 550.7 | 550.7 | 550.7 | 550.7 | 112.5° | 136.0 | 136.0 | 136.0 |
| 449.1 | 450.7 | 452.2 | 455.4 | 453.8 | 453.0 | 452.2 | 457.0 | 459.3 | 115° | 158.0 | 158.0 | 158.0 |
| 347.4 | 346.7 | 349.0 | 349.8 | 347.4 | 343.5 | 341.1 | 341.9 | 344.3 | 117.5° | 180.5 | 180.8 | 181.0 |
| 248.2 | 246.6 | 245.8 | 246.6 | 244.2 | 240.3 | 237.1 | 237.9 | 240.3 | 120° | 204.0 | 204.0 | 204.0 |
| 174.9 | 175.7 | 177.3 | 178.8 | 178.8 | 178.8 | 179.6 | 184.4 | 189.9 | 122.5° | 228.0 | 228.0 | 228.0 |
| 131.6 | 133.1 | 136.3 | 138.7 | 141.0 | 141.8 | 142.6 | 148.9 | 153.6 | 125° | 253.5 | 253.8 | 254.0 |
| 106.4 | 107.1 | 108.7 | 110.3 | 111.9 | 111.9 | 112.7 | 115.0 | 119.0 | 127.5° | 277.5 | 277.2 | 277.0 |
| 90.6 | 90.6 | 90.6 | 89.8 | 89.0 | 87.5 | 86.7 | 85.9 | 86.7 | 130° | 301.0 | 301.0 | 301.0 |
| 81.1 | 80.4 | 78.8 | 77.2 | 76.4 | 74.1 | 73.3 | 70.9 | 70.1 | 132.5° | 325.0 | 325.0 | 325.0 |
| 70.9 | 70.9 | 70.9 | 70.1 | 69.3 | 68.5 | 67.0 | 64.6 | 63.0 | 135° | 348.0 | 348.0 | 348.0 |
| 59.1 | 59.9 | 59.9 | 60.7 | 62.2 | 62.2 | 62.2 | 62.2 | 59.9 | 137.5° | 369.0 | 369.0 | 369.0 |
| 53.6 | 53.6 | 54.4 | 54.4 | 55.1 | 55.1 | 55.1 | 55.9 | 56.7 | 140° | 390.0 | 390.0 | 390.0 |
| 49.6 | 50.4 | 50.4 | 51.2 | 51.2 | 52.0 | 52.0 | 52.8 | 52.8 | 142.5° | 412.0 | 412.0 | 412.0 |
| 45.7 | 46.5 | 46.5 | 46.5 | 48.1 | 48.1 | 47.3 | 48.1 | 48.1 | 145° | 433.5 | 433.2 | 433.0 |
| 40.2 | 40.2 | 40.2 | 40.2 | 40.2 | 40.2 | 38.6 | 37.8 | 38.6 | 147.5° | 453.0 | 452.5 | 452.0 |
| 36.2 | 35.5 | 34.7 | 34.7 | 34.7 | 35.5 | 34.7 | 35.5 | 35.5 | 150° | 470.0 | 469.5 | 469.0 |
| 33.1 | 33.1 | 33.1 | 33.1 | 33.1 | 33.1 | 33.1 | 33.9 | 34.7 | 152.5° | 486.5 | 486.2 | 486.0 |
| 31.5 | 31.5 | 31.5 | 31.5 | 31.5 | 31.5 | 31.5 | 32.3 | 32.3 | 155° | 503.5 | 503.2 | 503.0 |
| 29.9 | 29.9 | 30.7 | 30.7 | 30.7 | 30.7 | 30.7 | 30.7 | 31.5 | 157.5° | 518.0 | 517.5 | 517.0 |
| 29.2 | 29.2 | 29.2 | 29.2 | 29.2 | 29.2 | 29.2 | 29.9 | 30.7 | 160° | 531.0 | 530.5 | 530.0 |
| 28.4 | 28.4 | 28.4 | 28.4 | 28.4 | 28.4 | 28.4 | 29.2 | 29.9 | 162.5° | 541.0 | 540.5 | 540.0 |
| 26.8 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 28.4 | 165° | 551.5 | 550.8 | 550.0 |
| 26.8 | 26.8 | 26.8 | 26.8 | 26.0 | 26.0 | 26.0 | 26.0 | 26.8 | 167.5° | 559.0 | 558.5 | 558.0 |
| 26.0 | 26.0 | 26.0 | 25.2 | 25.2 | 24.4 | 24.4 | 24.4 | 26.0 | 170° | 564.5 | 564.2 | 564.0 |
| 24.4 | 24.4 | 24.4 | 23.6 | 23.6 | 23.6 | 23.6 | 24.4 | 24.4 | 172.5° | 568.0 | 567.5 | 567.0 |
| 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 175° | 571.5 | 570.8 | 570.0 |
| 22.1 | 22.1 | 22.1 | 22.1 | 22.1 | 22.1 | 22.1 | 22.1 | 22.1 | 177.5° | 575.5 | 574.8 | 574.0 |
| 21.3 | 20.5 | 20.5 | 20.5 | 20.5 | 21.3 | 20.5 | 20.5 | 20.5 | 180° | 576.0 | 576.0 | 576.0 |
| 19.7 | 18.9 | 18.9 | 18.9 | 18.9 | 18.9 | 18.9 | 18.9 | 18.9 | | | | |
| 18.1 | 18.1 | 17.3 | 17.3 | 17.3 | 17.3 | 17.3 | 17.3 | 17.3 | | | | |
| 15.8 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | | | | |
| 13.4 | 13.4 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | | | | |
| 11.0 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 9.5 | 9.5 | | | | |
| 7.9 | 7.9 | 7.9 | 7.1 | 7.1 | 7.1 | 7.1 | 6.3 | 5.5 | | | | |
| 3.2 | 3.9 | 3.9 | 4.7 | 3.9 | 3.9 | 3.9 | 3.2 | 1.6 | | | | |
| 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: P228522

CATALOG NUMBER: ISC-AF-350-LED-E1-SLL-7060-L

SLL-7060-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° | 550.7 | 550.7 | 550.7 | 550.7 |
| 158.0 | 158.0 | 158.0 | 158.0 | 158.5 | 159.0 | 160.0 | 159.0 | 2.5° | 457.7 | 465.6 | 466.4 | 461.7 |
| 180.8 | 180.5 | 180.2 | 180.0 | 180.5 | 181.0 | 182.0 | 180.0 | 5° | 341.1 | 351.4 | 350.6 | 344.3 |
| 204.0 | 204.0 | 204.0 | 204.0 | 204.5 | 205.0 | 206.0 | 204.0 | 7.5° | 241.1 | 249.8 | 249.0 | 248.2 |
| 228.2 | 228.5 | 228.8 | 229.0 | 230.0 | 231.0 | 233.0 | 232.0 | 10° | 195.4 | 203.3 | 205.6 | 211.1 |
| 254.0 | 254.0 | 254.0 | 254.0 | 254.8 | 255.5 | 257.0 | 256.0 | 12.5° | 158.4 | 167.8 | 170.2 | 176.5 |
| 277.2 | 277.5 | 277.8 | 278.0 | 278.8 | 279.5 | 281.0 | 278.0 | 15° | 122.1 | 130.0 | 132.4 | 137.1 |
| 301.2 | 301.5 | 301.8 | 302.0 | 302.8 | 303.5 | 305.0 | 303.0 | 17.5° | 89.8 | 94.5 | 96.1 | 99.3 |
| 325.2 | 325.5 | 325.8 | 326.0 | 326.8 | 327.5 | 329.0 | 327.0 | 20° | 70.1 | 71.7 | 72.5 | 73.3 |
| 348.2 | 348.5 | 348.8 | 349.0 | 349.5 | 350.0 | 351.0 | 350.0 | 22.5° | 63.0 | 63.8 | 63.8 | 64.6 |
| 369.2 | 369.5 | 369.8 | 370.0 | 371.0 | 372.0 | 374.0 | 372.0 | 25° | 58.3 | 59.1 | 59.1 | 59.9 |
| 390.5 | 391.0 | 391.5 | 392.0 | 393.0 | 394.0 | 396.0 | 394.0 | 27.5° | 55.9 | 55.9 | 55.9 | 55.9 |
| 412.2 | 412.5 | 412.8 | 413.0 | 413.8 | 414.5 | 416.0 | 415.0 | 30° | 53.6 | 53.6 | 53.6 | 54.4 |
| 433.2 | 433.5 | 433.8 | 434.0 | 434.8 | 435.5 | 437.0 | 435.0 | 32.5° | 49.6 | 48.1 | 49.6 | 48.8 |
| 452.2 | 452.5 | 452.8 | 453.0 | 453.8 | 454.5 | 456.0 | 453.0 | 35° | 38.6 | 38.6 | 39.4 | 40.2 |
| 469.0 | 469.0 | 469.0 | 469.0 | 470.0 | 471.0 | 473.0 | 470.0 | 37.5° | 36.2 | 37.0 | 37.0 | 37.8 |
| 486.0 | 486.0 | 486.0 | 486.0 | 486.8 | 487.5 | 489.0 | 486.0 | 40° | 34.7 | 35.5 | 36.2 | 37.0 |
| 503.2 | 503.5 | 503.8 | 504.0 | 504.8 | 505.5 | 507.0 | 505.0 | 42.5° | 33.1 | 34.7 | 34.7 | 35.5 |
| 517.2 | 517.5 | 517.8 | 518.0 | 519.2 | 520.5 | 523.0 | 520.0 | 45° | 32.3 | 33.1 | 33.9 | 34.7 |
| 530.0 | 530.0 | 530.0 | 530.0 | 530.8 | 531.5 | 533.0 | 531.0 | 47.5° | 31.5 | 32.3 | 33.1 | 33.9 |
| 539.5 | 539.0 | 538.5 | 538.0 | 538.5 | 539.0 | 540.0 | 537.0 | 50° | 29.9 | 31.5 | 32.3 | 33.1 |
| 549.5 | 549.0 | 548.5 | 548.0 | 548.5 | 549.0 | 550.0 | 548.0 | 52.5° | 29.2 | 30.7 | 30.7 | 32.3 |
| 558.2 | 558.5 | 558.8 | 559.0 | 560.0 | 561.0 | 563.0 | 561.0 | 55° | 27.6 | 29.2 | 29.2 | 30.7 |
| 564.5 | 565.0 | 565.5 | 566.0 | 567.2 | 568.5 | 571.0 | 569.0 | 57.5° | 26.0 | 27.6 | 28.4 | 29.2 |
| 567.2 | 567.5 | 567.8 | 568.0 | 568.8 | 569.5 | 571.0 | 568.0 | 60° | 25.2 | 26.0 | 26.8 | 27.6 |
| 569.5 | 569.0 | 568.5 | 568.0 | 568.8 | 569.5 | 571.0 | 568.0 | 62.5° | 23.6 | 25.2 | 26.0 | 26.8 |
| 574.0 | 574.0 | 574.0 | 574.0 | 574.8 | 575.5 | 577.0 | 574.0 | 65° | 22.8 | 24.4 | 24.4 | 26.0 |
| 576.0 | 576.0 | 576.0 | 576.0 | 576.0 | 576.0 | 576.0 | 576.0 | 67.5° | 21.3 | 22.8 | 22.8 | 23.6 |
| | | | | | | | | 70° | 19.7 | 20.5 | 21.3 | 22.1 |
| | | | | | | | | 72.5° | 18.1 | 18.9 | 18.9 | 19.7 |
| | | | | | | | | 75° | 15.0 | 15.8 | 16.5 | 17.3 |
| | | | | | | | | 77.5° | 12.6 | 12.6 | 14.2 | 14.2 |
| | | | | | | | | 80° | 9.5 | 9.5 | 10.2 | 11.0 |
| | | | | | | | | 82.5° | 5.5 | 5.5 | 6.3 | 6.3 |
| | | | | | | | | 85° | 1.6 | 1.6 | 1.6 | 1.6 |
| | | | | | | | | 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: P228522

CATALOG NUMBER: ISC-AF-350-LED-E1-SLL-7060-ULG

JLG

CANDELA DISTRIBUTION (continued):

| 287.5° | 290° | 292.5° | 295° | 297.5° | 300° | 302.5° | | 275° | 280° | 282.5° | 285° | 287.5° |
|--------|-------|--------|-------|--------|-------|--------|--------|-------|-------|--------|-------|--------|
| 550.7 | 550.7 | 550.7 | 550.7 | 550.7 | 550.7 | 550.7 | 112.5° | 137.0 | 136.0 | 135.5 | 135.0 | 135.2 |
| 471.1 | 472.7 | 470.4 | 470.4 | 471.9 | 478.2 | 478.2 | 115° | 160.0 | 159.0 | 158.5 | 158.0 | 158.0 |
| 356.9 | 360.8 | 358.5 | 359.3 | 362.4 | 369.5 | 373.4 | 117.5° | 182.0 | 181.0 | 180.5 | 180.0 | 180.2 |
| 256.1 | 259.2 | 260.8 | 263.1 | 272.6 | 273.4 | 278.1 | 120° | 206.0 | 205.0 | 204.5 | 204.0 | 204.0 |
| 213.5 | 218.2 | 221.4 | 225.3 | 233.2 | 237.1 | 242.7 | 122.5° | 233.0 | 231.0 | 230.0 | 229.0 | 228.8 |
| 179.6 | 185.1 | 188.3 | 196.2 | 200.9 | 205.6 | 212.7 | 125° | 257.0 | 255.5 | 254.8 | 254.0 | 254.0 |
| 140.2 | 146.5 | 149.7 | 154.4 | 163.9 | 168.6 | 178.1 | 127.5° | 281.0 | 279.5 | 278.8 | 278.0 | 277.8 |
| 101.6 | 104.0 | 110.3 | 118.2 | 123.7 | 131.6 | 136.3 | 130° | 305.0 | 303.5 | 302.8 | 302.0 | 301.8 |
| 74.8 | 76.4 | 79.6 | 85.1 | 88.2 | 94.5 | 99.3 | 132.5° | 329.0 | 327.5 | 326.8 | 326.0 | 325.8 |
| 64.6 | 65.4 | 67.0 | 68.5 | 70.1 | 72.5 | 74.8 | 135° | 351.0 | 350.0 | 349.5 | 349.0 | 348.8 |
| 59.9 | 60.7 | 61.5 | 62.2 | 63.8 | 64.6 | 65.4 | 137.5° | 374.0 | 372.0 | 371.0 | 370.0 | 369.8 |
| 56.7 | 56.7 | 57.5 | 59.1 | 59.1 | 60.7 | 61.5 | 140° | 396.0 | 394.0 | 393.0 | 392.0 | 391.5 |
| 55.1 | 56.7 | 58.3 | 60.7 | 61.5 | 63.0 | 63.8 | 142.5° | 416.0 | 414.5 | 413.8 | 413.0 | 412.8 |
| 47.3 | 47.3 | 48.1 | 49.6 | 49.6 | 50.4 | 51.2 | 145° | 437.0 | 435.5 | 434.8 | 434.0 | 433.8 |
| 40.2 | 41.0 | 41.8 | 42.5 | 43.3 | 44.9 | 45.7 | 147.5° | 456.0 | 454.5 | 453.8 | 453.0 | 452.8 |
| 38.6 | 38.6 | 39.4 | 41.0 | 41.8 | 42.5 | 43.3 | 150° | 473.0 | 471.0 | 470.0 | 469.0 | 469.0 |
| 37.0 | 37.8 | 38.6 | 39.4 | 40.2 | 41.8 | 42.5 | 152.5° | 489.0 | 487.5 | 486.8 | 486.0 | 486.0 |
| 36.2 | 37.0 | 37.8 | 38.6 | 40.2 | 41.0 | 41.8 | 155° | 507.0 | 505.5 | 504.8 | 504.0 | 503.8 |
| 35.5 | 36.2 | 37.0 | 38.6 | 39.4 | 41.0 | 41.8 | 157.5° | 523.0 | 520.5 | 519.2 | 518.0 | 517.8 |
| 34.7 | 35.5 | 36.2 | 37.8 | 39.4 | 41.0 | 42.5 | 160° | 533.0 | 531.5 | 530.8 | 530.0 | 530.0 |
| 33.9 | 34.7 | 36.2 | 37.8 | 39.4 | 41.8 | 45.7 | 162.5° | 540.0 | 539.0 | 538.5 | 538.0 | 538.5 |
| 33.1 | 34.7 | 36.2 | 37.8 | 40.2 | 43.3 | 47.3 | 165° | 550.0 | 549.0 | 548.5 | 548.0 | 548.5 |
| 32.3 | 33.9 | 34.7 | 37.0 | 39.4 | 42.5 | 43.3 | 167.5° | 563.0 | 561.0 | 560.0 | 559.0 | 558.8 |
| 30.7 | 32.3 | 33.1 | 35.5 | 38.6 | 39.4 | 38.6 | 170° | 571.0 | 568.5 | 567.2 | 566.0 | 565.5 |
| 29.2 | 29.9 | 32.3 | 37.0 | 40.2 | 37.0 | 33.1 | 172.5° | 571.0 | 569.5 | 568.8 | 568.0 | 567.8 |
| 28.4 | 29.2 | 30.7 | 33.9 | 34.7 | 30.7 | 29.9 | 175° | 571.0 | 569.5 | 568.8 | 568.0 | 568.5 |
| 26.8 | 26.8 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 177.5° | 577.0 | 575.5 | 574.8 | 574.0 | 574.0 |
| 24.4 | 24.4 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 180° | 576.0 | 576.0 | 576.0 | 576.0 | 576.0 |
| 22.1 | 22.1 | 22.8 | 22.8 | 22.8 | 23.6 | 23.6 | | | | | | |
| 19.7 | 20.5 | 20.5 | 21.3 | 21.3 | 21.3 | 22.1 | | | | | | |
| 17.3 | 18.1 | 18.1 | 18.1 | 18.1 | 18.9 | 18.9 | | | | | | |
| 15.0 | 15.0 | 15.8 | 15.8 | 15.8 | 15.8 | 15.8 | | | | | | |
| 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | | | | | | |
| 7.1 | 7.1 | 7.9 | 7.1 | 7.1 | 6.3 | 6.3 | | | | | | |
| 1.6 | 1.6 | 1.6 | 0.8 | 0.8 | 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: P228522

CATALOG NUMBER: ISC-AF-350-LED-E1-SLL-7060-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° | 550.7 | 550.7 | 550.7 | 550.7 | 550.7 | 550.7 |
| 158.0 | 158.0 | 158.0 | 158.0 | 158.0 | 158.0 | 2.5° | 490.0 | 490.0 | 491.6 | 497.9 | 499.5 | 503.4 |
| 180.5 | 180.8 | 181.0 | 180.8 | 180.5 | 180.2 | 5° | 387.6 | 390.8 | 395.5 | 403.4 | 408.1 | 416.8 |
| 204.0 | 204.0 | 204.0 | 204.0 | 204.0 | 204.0 | 7.5° | 289.1 | 293.9 | 297.8 | 306.5 | 313.6 | 322.2 |
| 228.5 | 228.2 | 228.0 | 228.0 | 228.0 | 228.0 | 10° | 250.5 | 254.5 | 260.0 | 265.5 | 272.6 | 276.5 |
| 254.0 | 254.0 | 254.0 | 253.8 | 253.5 | 253.2 | 12.5° | 223.0 | 228.5 | 234.0 | 241.9 | 249.0 | 256.1 |
| 277.5 | 277.2 | 277.0 | 277.2 | 277.5 | 277.8 | 15° | 189.1 | 195.4 | 201.7 | 210.4 | 220.6 | 227.7 |
| 301.5 | 301.2 | 301.0 | 301.0 | 301.0 | 301.0 | 17.5° | 146.5 | 153.6 | 162.3 | 174.1 | 185.1 | 193.8 |
| 325.5 | 325.2 | 325.0 | 325.0 | 325.0 | 325.0 | 20° | 107.9 | 114.2 | 122.1 | 132.4 | 140.2 | 155.2 |
| 348.5 | 348.2 | 348.0 | 348.0 | 348.0 | 348.0 | 22.5° | 79.6 | 83.5 | 89.8 | 97.7 | 106.4 | 119.8 |
| 369.5 | 369.2 | 369.0 | 369.0 | 369.0 | 369.0 | 25° | 67.0 | 68.5 | 70.9 | 75.6 | 81.1 | 90.6 |
| 391.0 | 390.5 | 390.0 | 390.0 | 390.0 | 390.0 | 27.5° | 62.2 | 63.0 | 64.6 | 67.0 | 70.1 | 74.8 |
| 412.5 | 412.2 | 412.0 | 412.0 | 412.0 | 412.0 | 30° | 65.4 | 65.4 | 65.4 | 66.2 | 67.8 | 70.1 |
| 433.5 | 433.2 | 433.0 | 433.2 | 433.5 | 433.8 | 32.5° | 52.8 | 53.6 | 53.6 | 55.1 | 55.9 | 59.1 |
| 452.5 | 452.2 | 452.0 | 452.5 | 453.0 | 453.5 | 35° | 47.3 | 48.1 | 48.8 | 49.6 | 51.2 | 52.0 |
| 469.0 | 469.0 | 469.0 | 469.5 | 470.0 | 470.5 | 37.5° | 44.9 | 45.7 | 46.5 | 46.5 | 47.3 | 48.8 |
| 486.0 | 486.0 | 486.0 | 486.2 | 486.5 | 486.8 | 40° | 44.1 | 44.1 | 44.1 | 44.1 | 45.7 | 47.3 |
| 503.5 | 503.2 | 503.0 | 503.2 | 503.5 | 503.8 | 42.5° | 42.5 | 42.5 | 42.5 | 43.3 | 45.7 | 48.8 |
| 517.5 | 517.2 | 517.0 | 517.5 | 518.0 | 518.5 | 45° | 42.5 | 42.5 | 43.3 | 46.5 | 47.3 | 47.3 |
| 530.0 | 530.0 | 530.0 | 530.5 | 531.0 | 531.5 | 47.5° | 44.1 | 45.7 | 46.5 | 45.7 | 44.9 | 44.9 |
| 539.0 | 539.5 | 540.0 | 540.5 | 541.0 | 541.5 | 50° | 48.1 | 47.3 | 44.1 | 43.3 | 43.3 | 41.8 |
| 549.0 | 549.5 | 550.0 | 550.8 | 551.5 | 552.2 | 52.5° | 47.3 | 44.1 | 43.3 | 41.8 | 40.2 | 39.4 |
| 558.5 | 558.2 | 558.0 | 558.5 | 559.0 | 559.5 | 55° | 42.5 | 41.8 | 39.4 | 37.8 | 37.0 | 37.8 |
| 565.0 | 564.5 | 564.0 | 564.2 | 564.5 | 564.8 | 57.5° | 37.0 | 36.2 | 34.7 | 34.7 | 35.5 | 36.2 |
| 567.5 | 567.2 | 567.0 | 567.5 | 568.0 | 568.5 | 60° | 32.3 | 32.3 | 32.3 | 33.1 | 33.9 | 34.7 |
| 569.0 | 569.5 | 570.0 | 570.8 | 571.5 | 572.2 | 62.5° | 29.2 | 29.9 | 29.9 | 31.5 | 32.3 | 33.1 |
| 574.0 | 574.0 | 574.0 | 574.8 | 575.5 | 576.2 | 65° | 27.6 | 28.4 | 29.2 | 29.2 | 29.9 | 30.7 |
| 576.0 | 576.0 | 576.0 | 576.0 | 576.0 | 576.0 | 67.5° | 26.0 | 26.0 | 26.8 | 27.6 | 28.4 | 29.2 |
| | | | | | | 70° | 23.6 | 24.4 | 25.2 | 26.0 | 26.0 | 26.8 |
| | | | | | | 72.5° | 22.1 | 22.1 | 22.8 | 23.6 | 23.6 | 25.2 |
| | | | | | | 75° | 18.9 | 19.7 | 19.7 | 19.7 | 20.5 | 22.1 |
| | | | | | | 77.5° | 16.5 | 15.8 | 16.5 | 16.5 | 17.3 | 18.1 |
| | | | | | | 80° | 11.8 | 11.0 | 11.0 | 11.8 | 11.8 | 11.8 |
| | | | | | | 82.5° | 6.3 | 5.5 | 6.3 | 5.5 | 5.5 | 6.3 |
| | | | | | | 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 |

REPORT NUMBER: P228522

CATALOG NUMBER: ISC-AF-350-LED-E1-SLL-7060-ULG

CANDELA DISTRIBUTION (continued):

| 320° | 322.5° | 325° | 335° | 345° | | 305° | 307.5° | 310° | 312.5° | 315° | 317.5° | 320° |
|-------|--------|-------|-------|-------|--------|-------|--------|-------|--------|-------|--------|-------|
| 550.7 | 550.7 | 550.7 | 550.7 | 550.7 | 112.5° | 136.0 | 135.5 | 135.0 | 134.5 | 134.0 | 133.5 | 133.0 |
| 502.7 | 509.7 | 512.9 | 531.8 | 551.5 | 115° | 158.0 | 157.5 | 157.0 | 156.5 | 156.0 | 155.5 | 155.0 |
| 415.2 | 429.4 | 431.7 | 466.4 | 500.3 | 117.5° | 180.0 | 179.8 | 179.5 | 179.2 | 179.0 | 178.5 | 178.0 |
| 324.6 | 341.1 | 345.9 | 391.6 | 438.8 | 120° | 204.0 | 203.5 | 203.0 | 202.5 | 202.0 | 201.8 | 201.5 |
| 282.8 | 290.7 | 296.2 | 330.1 | 384.5 | 122.5° | 228.0 | 227.8 | 227.5 | 227.2 | 227.0 | 226.8 | 226.5 |
| 262.4 | 270.2 | 277.3 | 304.9 | 347.4 | 125° | 253.0 | 252.8 | 252.5 | 252.2 | 252.0 | 251.8 | 251.5 |
| 234.8 | 243.4 | 252.1 | 286.0 | 335.6 | 127.5° | 278.0 | 277.5 | 277.0 | 276.5 | 276.0 | 275.5 | 275.0 |
| 200.9 | 212.7 | 223.8 | 264.7 | 330.1 | 130° | 301.0 | 300.5 | 300.0 | 299.5 | 299.0 | 298.8 | 298.5 |
| 163.1 | 177.3 | 190.7 | 241.9 | 322.2 | 132.5° | 325.0 | 324.2 | 323.5 | 322.8 | 322.0 | 321.8 | 321.5 |
| 128.4 | 141.0 | 156.0 | 220.6 | 322.2 | 135° | 348.0 | 347.2 | 346.5 | 345.8 | 345.0 | 345.0 | 345.0 |
| 99.3 | 111.9 | 126.8 | 201.7 | 330.9 | 137.5° | 369.0 | 368.5 | 368.0 | 367.5 | 367.0 | 367.0 | 367.0 |
| 81.1 | 91.4 | 106.4 | 186.7 | 343.5 | 140° | 390.0 | 389.8 | 389.5 | 389.2 | 389.0 | 388.8 | 388.5 |
| 73.3 | 79.6 | 89.0 | 164.7 | 352.2 | 142.5° | 412.0 | 411.5 | 411.0 | 410.5 | 410.0 | 410.0 | 410.0 |
| 62.2 | 67.0 | 75.6 | 151.3 | 357.7 | 145° | 434.0 | 433.5 | 433.0 | 432.5 | 432.0 | 431.8 | 431.5 |
| 55.1 | 60.7 | 69.3 | 142.6 | 356.9 | 147.5° | 454.0 | 453.8 | 453.5 | 453.2 | 453.0 | 452.8 | 452.5 |
| 51.2 | 56.7 | 67.0 | 139.5 | 356.9 | 150° | 471.0 | 470.8 | 470.5 | 470.2 | 470.0 | 469.8 | 469.5 |
| 51.2 | 56.7 | 65.4 | 136.3 | 359.3 | 152.5° | 487.0 | 486.8 | 486.5 | 486.2 | 486.0 | 485.8 | 485.5 |
| 50.4 | 53.6 | 60.7 | 134.7 | 363.2 | 155° | 504.0 | 503.8 | 503.5 | 503.2 | 503.0 | 503.0 | 503.0 |
| 48.1 | 50.4 | 57.5 | 134.7 | 371.1 | 157.5° | 519.0 | 519.0 | 519.0 | 519.0 | 519.0 | 519.0 | 519.0 |
| 44.9 | 48.1 | 55.1 | 137.1 | 386.0 | 160° | 532.0 | 532.0 | 532.0 | 532.0 | 532.0 | 532.0 | 532.0 |
| 42.5 | 45.7 | 54.4 | 137.1 | 416.8 | 162.5° | 542.0 | 541.8 | 541.5 | 541.2 | 541.0 | 541.0 | 541.0 |
| 40.2 | 44.9 | 53.6 | 135.5 | 460.9 | 165° | 553.0 | 552.8 | 552.5 | 552.2 | 552.0 | 552.0 | 552.0 |
| 39.4 | 43.3 | 52.0 | 133.9 | 515.3 | 167.5° | 560.0 | 560.0 | 560.0 | 560.0 | 560.0 | 560.2 | 560.5 |
| 38.6 | 41.8 | 48.1 | 130.0 | 558.6 | 170° | 565.0 | 565.2 | 565.5 | 565.8 | 566.0 | 566.2 | 566.5 |
| 37.0 | 39.4 | 44.1 | 122.9 | 587.7 | 172.5° | 569.0 | 568.8 | 568.5 | 568.2 | 568.0 | 568.2 | 568.5 |
| 34.7 | 37.0 | 40.2 | 115.0 | 594.0 | 175° | 573.0 | 572.8 | 572.5 | 572.2 | 572.0 | 572.0 | 572.0 |
| 33.1 | 35.5 | 40.2 | 108.7 | 555.4 | 177.5° | 577.0 | 577.0 | 577.0 | 577.0 | 577.0 | 577.2 | 577.5 |
| 30.7 | 34.7 | 41.0 | 103.2 | 471.1 | 180° | 576.0 | 576.0 | 576.0 | 576.0 | 576.0 | 576.0 | 576.0 |
| 29.2 | 34.7 | 41.8 | 100.8 | 374.2 | | | | | | | | |
| 27.6 | 33.9 | 42.5 | 96.9 | 282.1 | | | | | | | | |
| 25.2 | 30.7 | 37.0 | 80.4 | 190.7 | | | | | | | | |
| 20.5 | 23.6 | 27.6 | 51.2 | 100.8 | | | | | | | | |
| 13.4 | 14.2 | 15.8 | 31.5 | 55.9 | | | | | | | | |
| 6.3 | 7.9 | 7.9 | 15.0 | 25.2 | | | | | | | | |
| 0.0 | 0.0 | 0.0 | 1.6 | 5.5 | | | | | | | | |
| 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 | | | | | | | | |
| 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 | | | | | | | | |

REPORT NUMBER: P228522
 CATALOG NUMBER: ISC-AF-350-LED-E1-SLL-7060-ULG

CANDELA DISTRIBUTION (continued):

| 322.5° | 325° | 335° | 345° | | 355° | 359° | 360° |
|--------|-------|-------|-------|--------|--------|--------|--------|
| 132.5 | 132.0 | 129.0 | 126.0 | 0° | 550.7 | 550.7 | 550.7 |
| 154.5 | 154.0 | 151.0 | 149.0 | 2.5° | 570.4 | 579.9 | 584.6 |
| 177.5 | 177.0 | 174.0 | 172.0 | 5° | 539.7 | 559.4 | 565.7 |
| 201.2 | 201.0 | 198.0 | 196.0 | 7.5° | 493.2 | 515.3 | 523.9 |
| 226.2 | 226.0 | 223.0 | 221.0 | 10° | 446.7 | 474.3 | 483.0 |
| 251.2 | 251.0 | 248.0 | 247.0 | 12.5° | 419.1 | 452.2 | 457.0 |
| 274.5 | 274.0 | 272.0 | 270.0 | 15° | 408.1 | 442.0 | 451.4 |
| 298.2 | 298.0 | 294.0 | 293.0 | 17.5° | 419.1 | 457.0 | 466.4 |
| 321.2 | 321.0 | 318.0 | 317.0 | 20° | 440.4 | 486.9 | 501.9 |
| 345.0 | 345.0 | 341.0 | 339.0 | 22.5° | 476.7 | 539.7 | 558.6 |
| 367.0 | 367.0 | 364.0 | 363.0 | 25° | 535.7 | 623.2 | 639.7 |
| 388.2 | 388.0 | 386.0 | 385.0 | 27.5° | 598.8 | 689.4 | 715.4 |
| 410.0 | 410.0 | 407.0 | 408.0 | 30° | 653.9 | 750.8 | 772.1 |
| 431.2 | 431.0 | 428.0 | 428.0 | 32.5° | 693.3 | 799.7 | 824.1 |
| 452.2 | 452.0 | 448.0 | 447.0 | 35° | 739.8 | 855.6 | 879.2 |
| 469.2 | 469.0 | 465.0 | 464.0 | 37.5° | 793.4 | 923.4 | 955.7 |
| 485.2 | 485.0 | 482.0 | 483.0 | 40° | 852.5 | 993.5 | 1029.7 |
| 503.0 | 503.0 | 501.0 | 502.0 | 42.5° | 906.0 | 1058.9 | 1099.1 |
| 519.0 | 519.0 | 516.0 | 517.0 | 45° | 947.8 | 1120.3 | 1151.8 |
| 532.0 | 532.0 | 529.0 | 529.0 | 47.5° | 995.9 | 1167.6 | 1203.1 |
| 541.0 | 541.0 | 538.0 | 539.0 | 50° | 1062.0 | 1227.5 | 1269.2 |
| 552.0 | 552.0 | 548.0 | 549.0 | 52.5° | 1158.9 | 1329.1 | 1359.1 |
| 560.8 | 561.0 | 558.0 | 559.0 | 55° | 1276.3 | 1452.0 | 1485.9 |
| 566.8 | 567.0 | 565.0 | 566.0 | 57.5° | 1384.3 | 1566.3 | 1595.4 |
| 568.8 | 569.0 | 567.0 | 569.0 | 60° | 1453.6 | 1619.0 | 1643.5 |
| 572.0 | 572.0 | 569.0 | 570.0 | 62.5° | 1454.4 | 1620.6 | 1651.3 |
| 577.8 | 578.0 | 574.0 | 575.0 | 65° | 1396.9 | 1586.0 | 1620.6 |
| 576.0 | 576.0 | 576.0 | 576.0 | 67.5° | 1251.1 | 1497.7 | 1551.3 |
| | | | | 70° | 1056.5 | 1324.4 | 1384.3 |
| | | | | 72.5° | 824.1 | 1040.8 | 1109.3 |
| | | | | 75° | 558.6 | 691.0 | 750.8 |
| | | | | 77.5° | 355.3 | 398.7 | 418.4 |
| | | | | 80° | 209.6 | 235.6 | 245.8 |
| | | | | 82.5° | 130.0 | 140.2 | 150.5 |
| | | | | 85° | 52.8 | 37.8 | 41.0 |
| | | | | 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 |

REPORT NUMBER: P228522

CATALOG NUMBER: ISC-AF-350-LED-E1-SLL-7060-ULG

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)