

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: P228578

Luminaire Tested: **ISS-AF-600-LED-E1-SLR-7050-ULG**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P228578
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: ISS-AF-600-LED-E1-SLR-7050-ULG
Description: IMPACT ELITE LED QUATER SPHERE LUMINAIRE WITH UPLIGHT
LIGHT SQUARE WITH ACCULED OPTICS-90° SPILL LIGHT ELIMINATOR RIGHT, WITH
UPLIGHT GLOW
Light Source: (16) 5000K CCT, 70 CRI LEDs and (1) UPLIGHT LED
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4685.2 lumens
Efficiency: N/A
Efficacy: 93.0 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: B1 - U5 - G1

Input Watts (W): 50.4
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

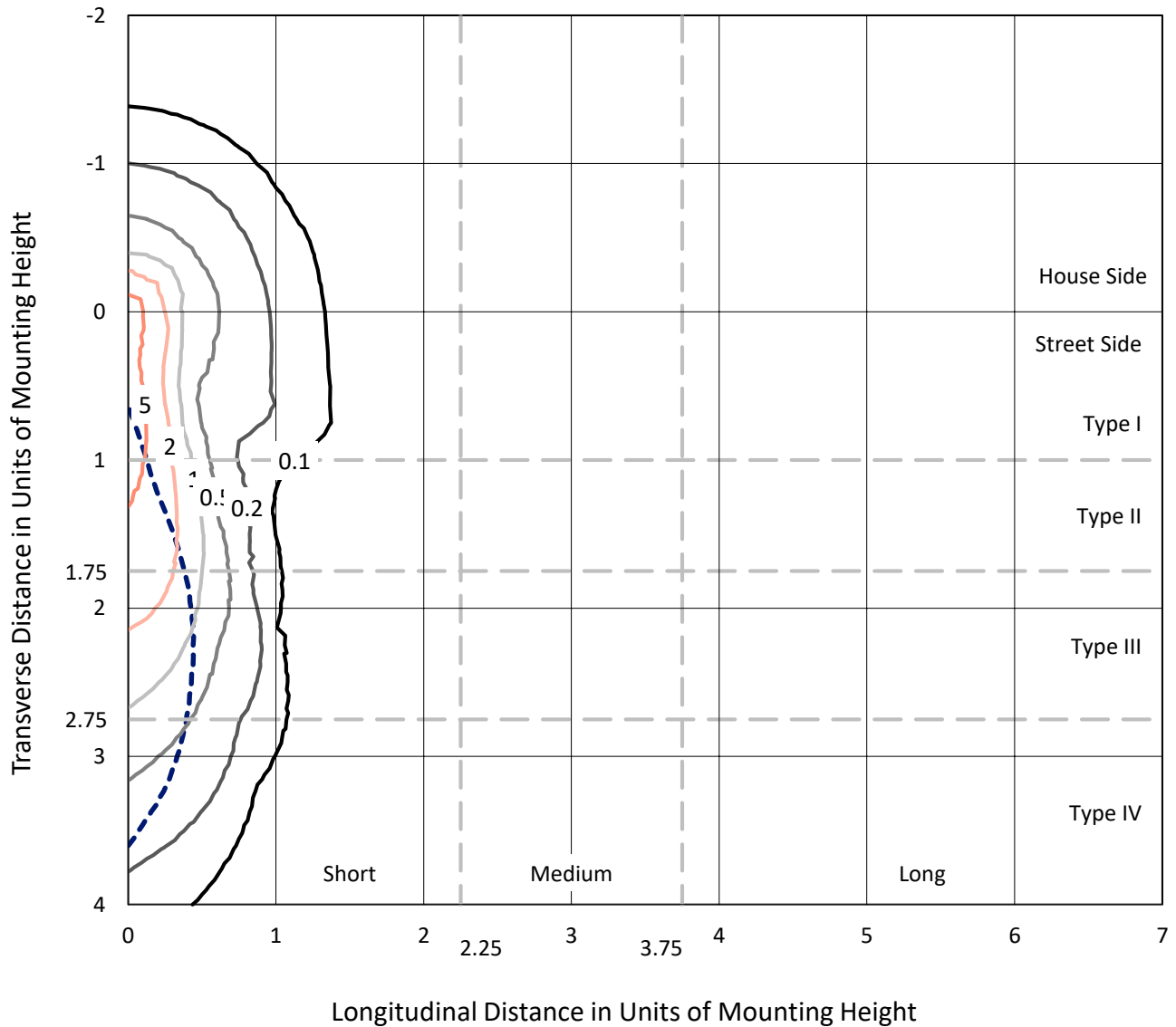


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

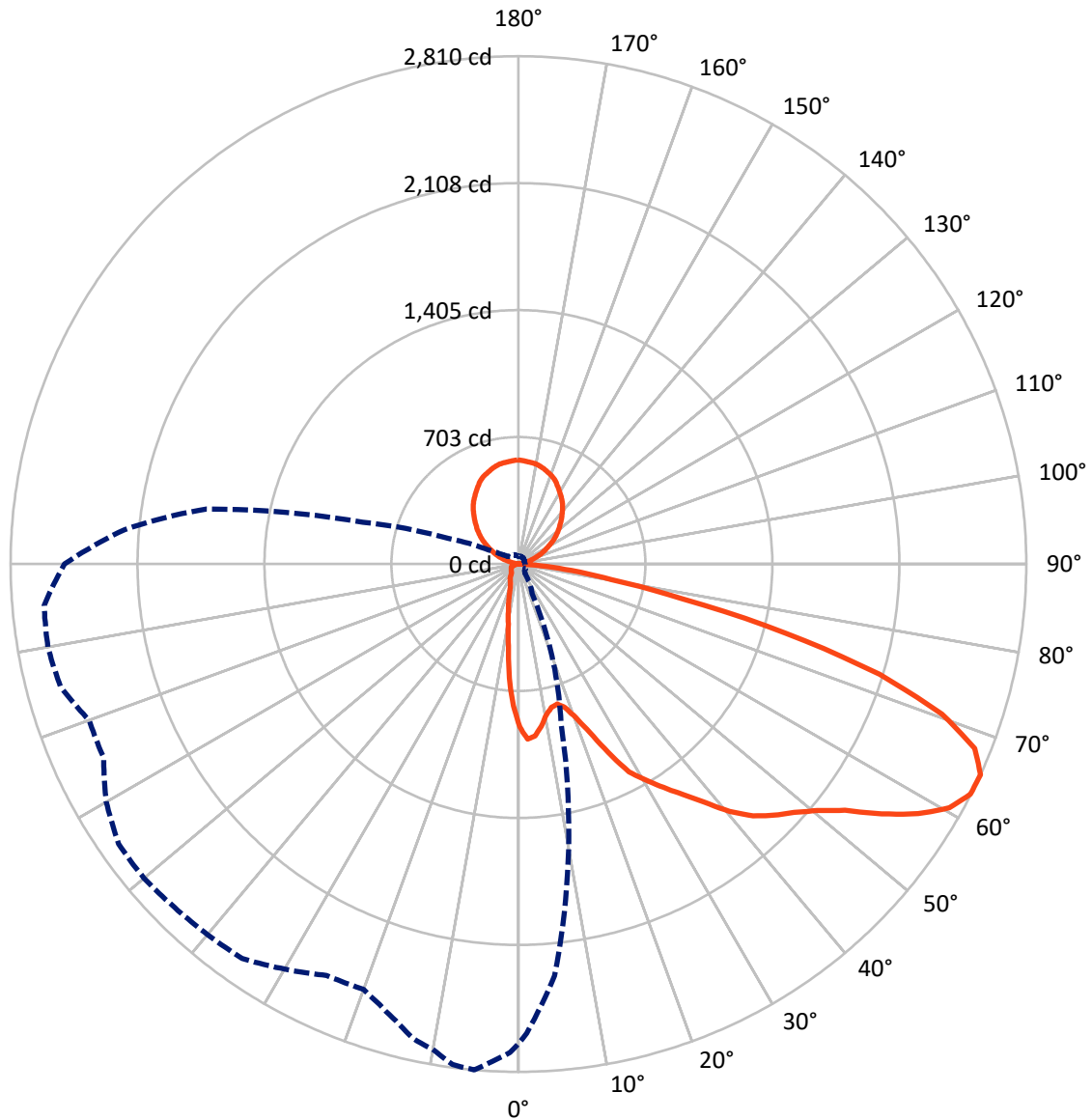


Based on 10 foot mounting height. Maximum calculated value = 9 fc
 Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 355-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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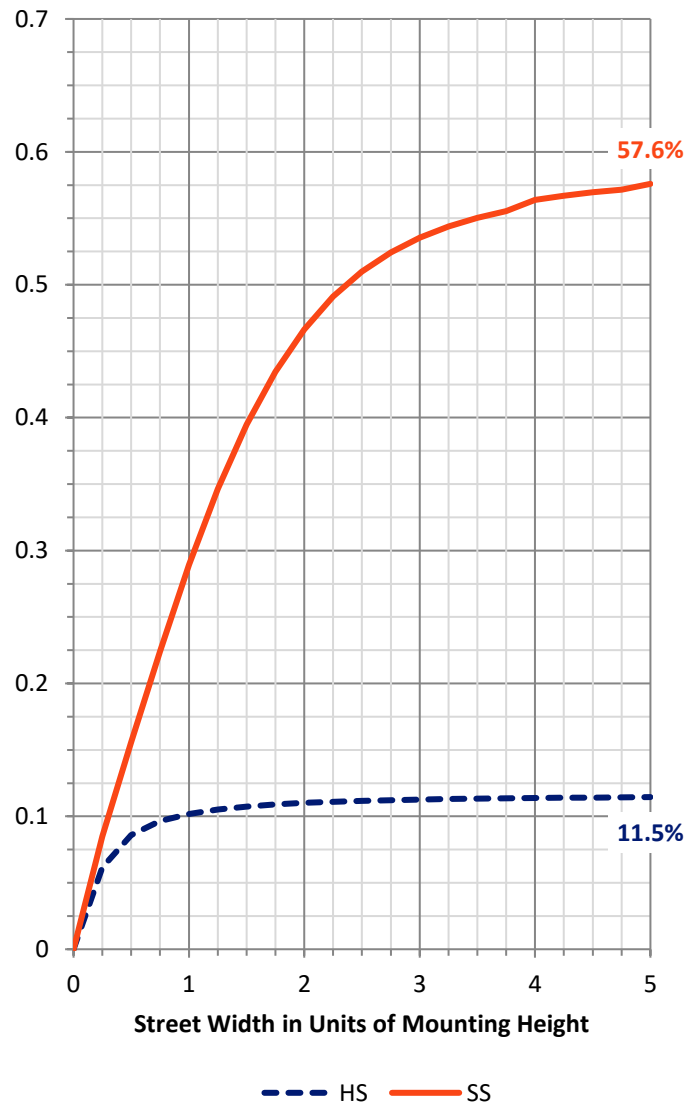
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 541.9 | 713.1 | 1255.0 |
| | % Fixture | 11.6 | 15.2 | 26.8 |
| Street Side | Lumens | 2717.1 | 713.1 | 3430.2 |
| | % Fixture | 58.0 | 15.2 | 73.2 |
| Total | Lumens | 3259.0 | 1426.2 | 4685.2 |
| | % Fixture | 69.6 | 30.4 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 69.2 | 1.5 |
| 10°-20° | 142.7 | 3.0 |
| 20°-30° | 207.4 | 4.4 |
| 30°-40° | 306.8 | 6.5 |
| 40°-50° | 447.0 | 9.5 |
| 50°-60° | 670.1 | 14.3 |
| 60°-70° | 835.0 | 17.8 |
| 70°-80° | 489.2 | 10.4 |
| 80°-90° | 91.5 | 2.0 |
| 90°-100° | 4.7 | 0.1 |
| 100°-110° | 69.0 | 1.5 |
| 110°-120° | 153.0 | 3.3 |
| 120°-130° | 223.9 | 4.8 |
| 130°-140° | 265.6 | 5.7 |
| 140°-150° | 269.3 | 5.7 |
| 150°-160° | 231.1 | 4.9 |
| 160°-170° | 155.1 | 3.3 |
| 170°-180° | 54.3 | 1.2 |
| 0°-90° | 3259.0 | 69.6 |
| 0°-180° | 4685.2 | 100.0 |



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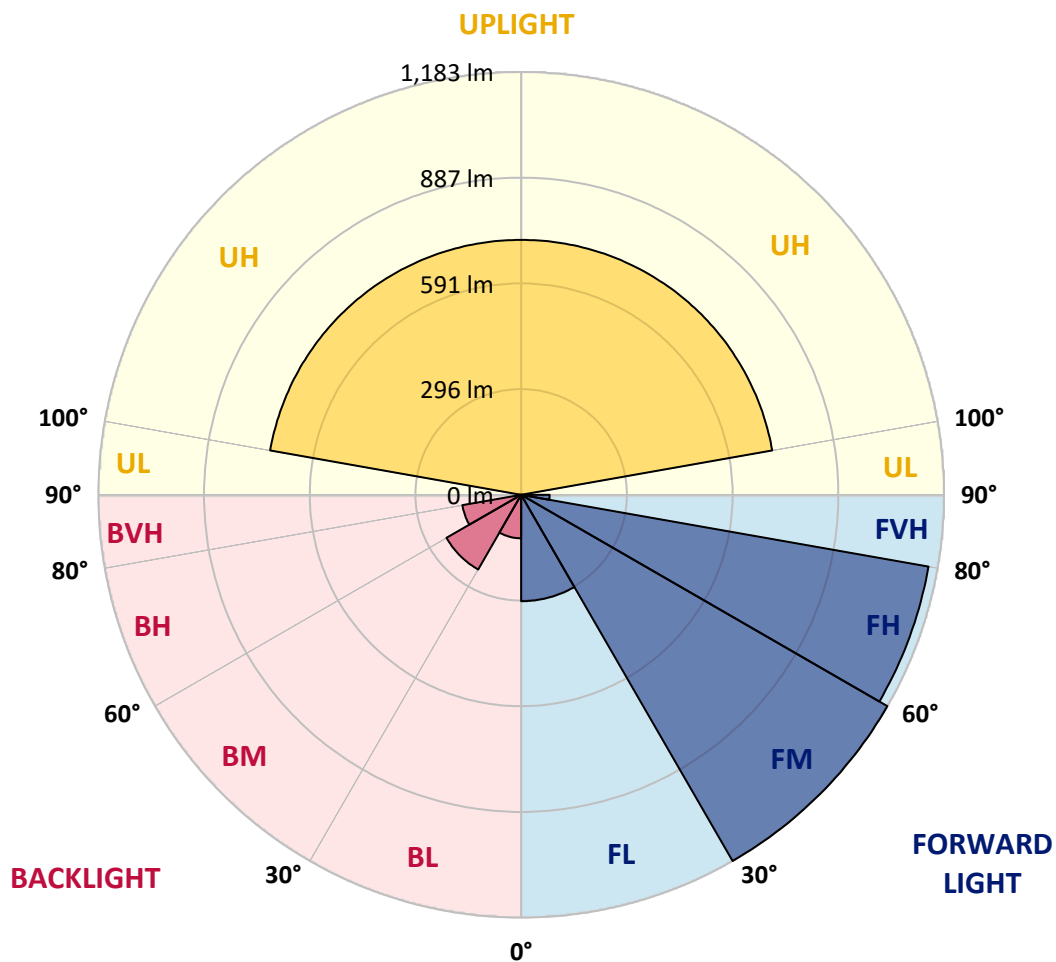
CATALOG NUMBER: ISS-AF-600-LED-E1-SLR-7050-ULG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|---------|---------|
| | | | B | U | G |
| FL (0°-30°) | 297.7 | 6.4 | | | |
| FM (30°-60°) | 1182.8 | 25.2 | | | |
| FH (60°-80°) | 1156.9 | 24.7 | | | G1/1800 |
| FVH (80°-90°) | 79.7 | 1.7 | | | G1/100 |
| BL (0°-30°) | 121.7 | 2.6 | B1/500 | | |
| BM (30°-60°) | 241.2 | 5.1 | B1/1000 | | |
| BH (60°-80°) | 167.3 | 3.6 | B1/500 | | G1/500 |
| BVH (80°-90°) | 11.8 | 0.3 | | | G1/100 |
| UL (90°-100°) | 4.7 | 0.1 | | U1/10 | |
| UH (100°-180°) | 713.1 | 15.2 | | U4/1000 | |

BUG Rating: B1-U5-G1

Type IV Short





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CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 5° | 15° | 25° | 35° | 37.5° | 40° | 42.5° | 45° | 47.5° |
|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 901.9 | 901.9 | 901.9 | 901.9 | 901.9 | 901.9 | 901.9 | 901.9 | 901.9 | 901.9 | 901.9 |
| 2.5° | 957.4 | 949.6 | 934.2 | 903.2 | 870.9 | 840.0 | 834.8 | 823.2 | 824.5 | 818.0 | 815.4 |
| 5° | 926.4 | 916.1 | 883.8 | 819.3 | 763.8 | 707.1 | 703.2 | 680.0 | 682.5 | 668.4 | 660.6 |
| 7.5° | 858.0 | 843.8 | 807.7 | 718.7 | 641.3 | 566.4 | 558.7 | 531.6 | 527.7 | 513.5 | 501.9 |
| 10° | 790.9 | 776.7 | 731.6 | 629.6 | 540.6 | 485.1 | 476.1 | 463.2 | 452.9 | 446.4 | 434.8 |
| 12.5° | 748.4 | 740.6 | 686.4 | 569.0 | 499.3 | 454.2 | 442.6 | 429.7 | 419.3 | 407.7 | 396.1 |
| 15° | 739.3 | 723.8 | 668.4 | 549.7 | 468.4 | 412.9 | 398.7 | 384.5 | 372.9 | 361.3 | 344.5 |
| 17.5° | 763.8 | 748.4 | 686.4 | 540.6 | 433.5 | 366.4 | 348.4 | 329.0 | 317.4 | 303.2 | 285.1 |
| 20° | 821.9 | 797.4 | 721.3 | 527.7 | 396.1 | 312.2 | 290.3 | 267.1 | 254.2 | 229.7 | 216.8 |
| 22.5° | 914.8 | 883.8 | 780.6 | 527.7 | 361.3 | 255.5 | 231.0 | 210.3 | 196.1 | 174.2 | 160.0 |
| 25° | 1047.7 | 1020.6 | 877.4 | 541.9 | 330.3 | 207.7 | 183.2 | 162.6 | 148.4 | 132.9 | 123.9 |
| 27.5° | 1171.6 | 1129.0 | 980.6 | 562.6 | 305.8 | 174.2 | 149.7 | 132.9 | 122.6 | 114.8 | 109.7 |
| 30° | 1264.5 | 1229.6 | 1070.9 | 576.7 | 269.7 | 145.8 | 130.3 | 120.0 | 114.8 | 111.0 | 108.4 |
| 32.5° | 1349.6 | 1309.6 | 1135.4 | 585.8 | 247.7 | 123.9 | 109.7 | 101.9 | 96.8 | 91.6 | 90.3 |
| 35° | 1439.9 | 1401.2 | 1211.6 | 584.5 | 233.5 | 113.5 | 99.4 | 90.3 | 85.2 | 83.9 | 81.3 |
| 37.5° | 1565.1 | 1512.2 | 1299.3 | 584.5 | 228.4 | 109.7 | 92.9 | 83.9 | 80.0 | 77.4 | 76.1 |
| 40° | 1686.4 | 1627.0 | 1396.1 | 588.4 | 223.2 | 107.1 | 92.9 | 83.9 | 77.4 | 74.8 | 72.3 |
| 42.5° | 1799.9 | 1734.1 | 1483.8 | 594.8 | 220.6 | 99.4 | 87.7 | 82.6 | 80.0 | 74.8 | 71.0 |
| 45° | 1886.4 | 1834.8 | 1552.2 | 607.7 | 220.6 | 94.2 | 82.6 | 78.7 | 77.4 | 77.4 | 76.1 |
| 47.5° | 1970.2 | 1912.2 | 1630.9 | 632.2 | 224.5 | 90.3 | 78.7 | 73.5 | 73.5 | 73.5 | 74.8 |
| 50° | 2078.6 | 2010.2 | 1739.3 | 682.5 | 224.5 | 89.0 | 74.8 | 69.7 | 68.4 | 71.0 | 71.0 |
| 52.5° | 2225.7 | 2176.7 | 1898.0 | 754.8 | 221.9 | 87.7 | 73.5 | 65.8 | 64.5 | 65.8 | 68.4 |
| 55° | 2433.4 | 2378.0 | 2090.2 | 843.8 | 219.3 | 85.2 | 71.0 | 64.5 | 61.9 | 60.6 | 61.9 |
| 57.5° | 2612.8 | 2565.0 | 2267.0 | 914.8 | 212.9 | 78.7 | 68.4 | 63.2 | 59.4 | 58.1 | 56.8 |
| 60° | 2691.5 | 2651.5 | 2380.5 | 962.5 | 201.3 | 72.3 | 64.5 | 60.6 | 56.8 | 55.5 | 54.2 |
| 62.5° | 2704.4 | 2654.1 | 2381.8 | 972.9 | 188.4 | 65.8 | 60.6 | 56.8 | 54.2 | 52.9 | 51.6 |
| 65° | 2654.1 | 2597.3 | 2287.6 | 909.6 | 178.1 | 65.8 | 58.1 | 54.2 | 50.3 | 49.0 | 47.7 |
| 67.5° | 2540.5 | 2452.8 | 2048.9 | 771.6 | 169.0 | 67.1 | 56.8 | 50.3 | 47.7 | 46.4 | 45.2 |
| 70° | 2267.0 | 2168.9 | 1730.2 | 612.9 | 165.2 | 68.4 | 56.8 | 47.7 | 43.9 | 42.6 | 42.6 |
| 72.5° | 1816.7 | 1704.4 | 1349.6 | 461.9 | 158.7 | 69.7 | 55.5 | 45.2 | 41.3 | 38.7 | 38.7 |
| 75° | 1229.6 | 1131.6 | 914.8 | 312.2 | 131.6 | 60.6 | 50.3 | 41.3 | 36.1 | 33.5 | 32.3 |
| 77.5° | 685.1 | 652.9 | 581.9 | 165.2 | 83.9 | 45.2 | 38.7 | 33.5 | 29.7 | 28.4 | 27.1 |
| 80° | 402.6 | 385.8 | 343.2 | 91.6 | 51.6 | 25.8 | 23.2 | 21.9 | 19.4 | 19.4 | 19.4 |
| 82.5° | 246.4 | 229.7 | 212.9 | 41.3 | 24.5 | 12.9 | 12.9 | 10.3 | 10.3 | 9.0 | 9.0 |
| 85° | 67.1 | 61.9 | 86.4 | 9.0 | 2.6 | 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 | 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 | 3.0 | 4.0 | 5.2 | 6.5 | 7.8 | 9.0 | 10.0 |
| 100° | 8.0 | 8.0 | 8.0 | 10.0 | 14.0 | 22.0 | 24.0 | 26.0 | 28.0 | 30.0 | 30.5 |
| 102.5° | 28.0 | 28.0 | 28.0 | 32.0 | 38.0 | 45.0 | 46.2 | 47.5 | 48.8 | 50.0 | 50.2 |
| 105° | 54.0 | 54.0 | 54.0 | 56.0 | 61.0 | 66.0 | 67.0 | 68.0 | 69.0 | 70.0 | 70.2 |
| 107.5° | 78.0 | 77.8 | 77.0 | 80.0 | 84.0 | 88.0 | 88.8 | 89.5 | 90.2 | 91.0 | 91.5 |
| 110° | 101.0 | 101.2 | 102.0 | 103.0 | 106.0 | 110.0 | 110.5 | 111.0 | 111.5 | 112.0 | 112.5 |



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CATALOG NUMBER: ISS-AF-600-LED-E1-SLR-7050-ULG

CANDELA DISTRIBUTION (continued):

| | 0° | 1° | 5° | 15° | 25° | 35° | 37.5° | 40° | 42.5° | 45° | 47.5° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 124.0 | 124.0 | 124.0 | 126.0 | 129.0 | 132.0 | 132.5 | 133.0 | 133.5 | 134.0 | 134.5 |
| 115° | 146.0 | 146.2 | 147.0 | 149.0 | 151.0 | 154.0 | 154.5 | 155.0 | 155.5 | 156.0 | 156.5 |
| 117.5° | 169.0 | 169.2 | 170.0 | 172.0 | 174.0 | 177.0 | 177.5 | 178.0 | 178.5 | 179.0 | 179.2 |
| 120° | 193.0 | 193.4 | 195.0 | 196.0 | 198.0 | 201.0 | 201.2 | 201.5 | 201.8 | 202.0 | 202.5 |
| 122.5° | 219.0 | 219.2 | 220.0 | 221.0 | 223.0 | 226.0 | 226.2 | 226.5 | 226.8 | 227.0 | 227.2 |
| 125° | 244.0 | 244.4 | 246.0 | 247.0 | 248.0 | 251.0 | 251.2 | 251.5 | 251.8 | 252.0 | 252.2 |
| 127.5° | 267.0 | 267.4 | 269.0 | 270.0 | 272.0 | 274.0 | 274.5 | 275.0 | 275.5 | 276.0 | 276.5 |
| 130° | 290.0 | 290.4 | 292.0 | 293.0 | 294.0 | 298.0 | 298.2 | 298.5 | 298.8 | 299.0 | 299.5 |
| 132.5° | 313.0 | 313.2 | 314.0 | 317.0 | 318.0 | 321.0 | 321.2 | 321.5 | 321.8 | 322.0 | 322.8 |
| 135° | 336.0 | 336.2 | 337.0 | 339.0 | 341.0 | 345.0 | 345.0 | 345.0 | 345.0 | 345.0 | 345.8 |
| 137.5° | 359.0 | 359.2 | 360.0 | 363.0 | 364.0 | 367.0 | 367.0 | 367.0 | 367.0 | 367.0 | 367.5 |
| 140° | 382.0 | 382.2 | 383.0 | 385.0 | 386.0 | 388.0 | 388.2 | 388.5 | 388.8 | 389.0 | 389.2 |
| 142.5° | 404.0 | 404.4 | 406.0 | 408.0 | 407.0 | 410.0 | 410.0 | 410.0 | 410.0 | 410.0 | 410.5 |
| 145° | 425.0 | 425.2 | 426.0 | 428.0 | 428.0 | 431.0 | 431.2 | 431.5 | 431.8 | 432.0 | 432.5 |
| 147.5° | 444.0 | 444.0 | 444.0 | 447.0 | 448.0 | 452.0 | 452.2 | 452.5 | 452.8 | 453.0 | 453.2 |
| 150° | 461.0 | 461.2 | 462.0 | 464.0 | 465.0 | 469.0 | 469.2 | 469.5 | 469.8 | 470.0 | 470.2 |
| 152.5° | 479.0 | 479.2 | 480.0 | 483.0 | 482.0 | 485.0 | 485.2 | 485.5 | 485.8 | 486.0 | 486.2 |
| 155° | 499.0 | 499.2 | 500.0 | 502.0 | 501.0 | 503.0 | 503.0 | 503.0 | 503.0 | 503.0 | 503.2 |
| 157.5° | 513.0 | 513.4 | 515.0 | 517.0 | 516.0 | 519.0 | 519.0 | 519.0 | 519.0 | 519.0 | 519.0 |
| 160° | 525.0 | 525.4 | 527.0 | 529.0 | 529.0 | 532.0 | 532.0 | 532.0 | 532.0 | 532.0 | 532.0 |
| 162.5° | 535.0 | 535.2 | 536.0 | 539.0 | 538.0 | 541.0 | 541.0 | 541.0 | 541.0 | 541.0 | 541.2 |
| 165° | 546.0 | 546.2 | 547.0 | 549.0 | 548.0 | 552.0 | 552.0 | 552.0 | 552.0 | 552.0 | 552.2 |
| 167.5° | 555.0 | 555.2 | 556.0 | 559.0 | 558.0 | 561.0 | 560.8 | 560.5 | 560.2 | 560.0 | 560.0 |
| 170° | 562.0 | 562.2 | 563.0 | 566.0 | 565.0 | 567.0 | 566.8 | 566.5 | 566.2 | 566.0 | 565.8 |
| 172.5° | 565.0 | 565.2 | 566.0 | 569.0 | 567.0 | 569.0 | 568.8 | 568.5 | 568.2 | 568.0 | 568.2 |
| 175° | 567.0 | 567.4 | 569.0 | 570.0 | 569.0 | 572.0 | 572.0 | 572.0 | 572.0 | 572.0 | 572.2 |
| 177.5° | 572.0 | 572.2 | 573.0 | 575.0 | 574.0 | 578.0 | 577.8 | 577.5 | 577.2 | 577.0 | 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: P228578

CATALOG NUMBER: ISS-AF-600-LED-E1-SLR-7050-ULG

CANDELA DISTRIBUTION (continued):

| | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° | 75° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 901.9 | 901.9 | 901.9 | 901.9 | 901.9 | 901.9 | 901.9 | 901.9 | 901.9 | 901.9 | 901.9 |
| 2.5° | 805.1 | 802.5 | 802.5 | 783.2 | 783.2 | 772.9 | 770.3 | 770.3 | 774.2 | 771.6 | 756.1 |
| 5° | 647.7 | 640.0 | 634.8 | 611.6 | 605.1 | 593.5 | 588.4 | 587.1 | 590.9 | 584.5 | 563.8 |
| 7.5° | 487.7 | 481.3 | 473.5 | 455.5 | 447.7 | 446.4 | 430.9 | 427.1 | 424.5 | 419.3 | 406.4 |
| 10° | 425.8 | 416.8 | 410.3 | 397.4 | 388.4 | 381.9 | 369.0 | 362.6 | 357.4 | 349.7 | 345.8 |
| 12.5° | 383.2 | 374.2 | 365.1 | 348.4 | 336.8 | 329.0 | 321.3 | 308.4 | 303.2 | 294.2 | 289.0 |
| 15° | 330.3 | 320.0 | 309.7 | 291.6 | 276.1 | 268.4 | 252.9 | 245.2 | 240.0 | 229.7 | 224.5 |
| 17.5° | 265.8 | 251.6 | 240.0 | 223.2 | 215.5 | 202.6 | 193.5 | 180.6 | 170.3 | 166.4 | 162.6 |
| 20° | 200.0 | 187.1 | 176.8 | 162.6 | 154.8 | 144.5 | 139.3 | 130.3 | 125.2 | 122.6 | 120.0 |
| 22.5° | 147.1 | 136.8 | 130.3 | 122.6 | 118.7 | 114.8 | 112.3 | 109.7 | 107.1 | 105.8 | 105.8 |
| 25° | 116.1 | 112.3 | 109.7 | 107.1 | 105.8 | 104.5 | 101.9 | 100.6 | 99.4 | 98.1 | 98.1 |
| 27.5° | 105.8 | 103.2 | 101.9 | 100.6 | 99.4 | 96.8 | 96.8 | 94.2 | 92.9 | 92.9 | 91.6 |
| 30° | 107.1 | 107.1 | 107.1 | 104.5 | 103.2 | 100.6 | 99.4 | 95.5 | 92.9 | 90.3 | 89.0 |
| 32.5° | 87.7 | 87.7 | 86.4 | 83.9 | 82.6 | 81.3 | 81.3 | 78.7 | 77.4 | 77.4 | 80.0 |
| 35° | 80.0 | 78.7 | 77.4 | 74.8 | 73.5 | 71.0 | 69.7 | 68.4 | 67.1 | 65.8 | 65.8 |
| 37.5° | 76.1 | 74.8 | 73.5 | 71.0 | 69.7 | 68.4 | 67.1 | 64.5 | 63.2 | 63.2 | 61.9 |
| 40° | 72.3 | 72.3 | 72.3 | 69.7 | 68.4 | 65.8 | 64.5 | 63.2 | 61.9 | 60.6 | 60.6 |
| 42.5° | 69.7 | 69.7 | 69.7 | 68.4 | 67.1 | 65.8 | 63.2 | 61.9 | 60.6 | 59.4 | 58.1 |
| 45° | 71.0 | 69.7 | 69.7 | 68.4 | 67.1 | 64.5 | 63.2 | 60.6 | 59.4 | 58.1 | 56.8 |
| 47.5° | 76.1 | 74.8 | 72.3 | 69.7 | 67.1 | 64.5 | 61.9 | 59.4 | 58.1 | 56.8 | 55.5 |
| 50° | 72.3 | 77.4 | 78.7 | 74.8 | 68.4 | 64.5 | 61.9 | 59.4 | 56.8 | 55.5 | 54.2 |
| 52.5° | 71.0 | 72.3 | 77.4 | 77.4 | 71.0 | 65.8 | 61.9 | 59.4 | 56.8 | 54.2 | 52.9 |
| 55° | 64.5 | 68.4 | 69.7 | 71.0 | 69.7 | 64.5 | 60.6 | 56.8 | 55.5 | 52.9 | 50.3 |
| 57.5° | 56.8 | 59.4 | 60.6 | 63.2 | 64.5 | 63.2 | 58.1 | 54.2 | 52.9 | 50.3 | 47.7 |
| 60° | 52.9 | 52.9 | 52.9 | 54.2 | 60.6 | 65.8 | 60.6 | 52.9 | 49.0 | 47.7 | 45.2 |
| 62.5° | 49.0 | 49.0 | 47.7 | 49.0 | 50.3 | 56.8 | 55.5 | 50.3 | 47.7 | 46.4 | 43.9 |
| 65° | 47.7 | 46.4 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 43.9 | 43.9 | 42.6 |
| 67.5° | 43.9 | 42.6 | 42.6 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 40.0 | 40.0 | 38.7 |
| 70° | 41.3 | 40.0 | 38.7 | 38.7 | 38.7 | 37.4 | 37.4 | 37.4 | 36.1 | 36.1 | 36.1 |
| 72.5° | 37.4 | 36.1 | 36.1 | 36.1 | 34.8 | 34.8 | 34.8 | 33.5 | 33.5 | 32.3 | 32.3 |
| 75° | 32.3 | 32.3 | 31.0 | 31.0 | 31.0 | 29.7 | 29.7 | 29.7 | 29.7 | 28.4 | 28.4 |
| 77.5° | 27.1 | 25.8 | 27.1 | 25.8 | 25.8 | 25.8 | 25.8 | 25.8 | 24.5 | 24.5 | 23.2 |
| 80° | 18.1 | 18.1 | 19.4 | 19.4 | 19.4 | 19.4 | 19.4 | 19.4 | 19.4 | 19.4 | 18.1 |
| 82.5° | 10.3 | 9.0 | 10.3 | 10.3 | 10.3 | 11.6 | 11.6 | 12.9 | 11.6 | 11.6 | 10.3 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.3 | 1.3 | 2.6 | 2.6 | 2.6 | 2.6 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 92.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 95° | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 97.5° | 11.0 | 12.0 | 13.0 | 11.5 | 10.0 | 8.5 | 7.0 | 6.5 | 6.0 | 5.5 | 5.0 |
| 100° | 31.0 | 31.5 | 32.0 | 31.5 | 31.0 | 30.5 | 30.0 | 29.2 | 28.5 | 27.8 | 27.0 |
| 102.5° | 50.5 | 50.8 | 51.0 | 50.8 | 50.5 | 50.2 | 50.0 | 49.5 | 49.0 | 48.5 | 48.0 |
| 105° | 70.5 | 70.8 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 70.5 | 70.0 | 69.5 | 69.0 |
| 107.5° | 92.0 | 92.5 | 93.0 | 92.8 | 92.5 | 92.2 | 92.0 | 91.8 | 91.5 | 91.2 | 91.0 |
| 110° | 113.0 | 113.5 | 114.0 | 114.0 | 114.0 | 114.0 | 114.0 | 113.8 | 113.5 | 113.2 | 113.0 |



REPORT NUMBER: P228578

CATALOG NUMBER: ISS-AF-600-LED-E1-SLR-7050-ULG

CANDELA DISTRIBUTION (continued):

| | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° | 75° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 135.0 | 135.5 | 136.0 | 136.0 | 136.0 | 136.0 | 136.0 | 135.8 | 135.5 | 135.2 | 135.0 |
| 115° | 157.0 | 157.5 | 158.0 | 158.0 | 158.0 | 158.0 | 158.0 | 158.0 | 158.0 | 158.0 | 158.0 |
| 117.5° | 179.5 | 179.8 | 180.0 | 180.2 | 180.5 | 180.8 | 181.0 | 180.8 | 180.5 | 180.2 | 180.0 |
| 120° | 203.0 | 203.5 | 204.0 | 204.0 | 204.0 | 204.0 | 204.0 | 204.0 | 204.0 | 204.0 | 204.0 |
| 122.5° | 227.5 | 227.8 | 228.0 | 228.0 | 228.0 | 228.0 | 228.0 | 228.2 | 228.5 | 228.8 | 229.0 |
| 125° | 252.5 | 252.8 | 253.0 | 253.2 | 253.5 | 253.8 | 254.0 | 254.0 | 254.0 | 254.0 | 254.0 |
| 127.5° | 277.0 | 277.5 | 278.0 | 277.8 | 277.5 | 277.2 | 277.0 | 277.2 | 277.5 | 277.8 | 278.0 |
| 130° | 300.0 | 300.5 | 301.0 | 301.0 | 301.0 | 301.0 | 301.0 | 301.2 | 301.5 | 301.8 | 302.0 |
| 132.5° | 323.5 | 324.2 | 325.0 | 325.0 | 325.0 | 325.0 | 325.0 | 325.2 | 325.5 | 325.8 | 326.0 |
| 135° | 346.5 | 347.2 | 348.0 | 348.0 | 348.0 | 348.0 | 348.0 | 348.2 | 348.5 | 348.8 | 349.0 |
| 137.5° | 368.0 | 368.5 | 369.0 | 369.0 | 369.0 | 369.0 | 369.0 | 369.2 | 369.5 | 369.8 | 370.0 |
| 140° | 389.5 | 389.8 | 390.0 | 390.0 | 390.0 | 390.0 | 390.0 | 390.5 | 391.0 | 391.5 | 392.0 |
| 142.5° | 411.0 | 411.5 | 412.0 | 412.0 | 412.0 | 412.0 | 412.0 | 412.2 | 412.5 | 412.8 | 413.0 |
| 145° | 433.0 | 433.5 | 434.0 | 433.8 | 433.5 | 433.2 | 433.0 | 433.2 | 433.5 | 433.8 | 434.0 |
| 147.5° | 453.5 | 453.8 | 454.0 | 453.5 | 453.0 | 452.5 | 452.0 | 452.2 | 452.5 | 452.8 | 453.0 |
| 150° | 470.5 | 470.8 | 471.0 | 470.5 | 470.0 | 469.5 | 469.0 | 469.0 | 469.0 | 469.0 | 469.0 |
| 152.5° | 486.5 | 486.8 | 487.0 | 486.8 | 486.5 | 486.2 | 486.0 | 486.0 | 486.0 | 486.0 | 486.0 |
| 155° | 503.5 | 503.8 | 504.0 | 503.8 | 503.5 | 503.2 | 503.0 | 503.2 | 503.5 | 503.8 | 504.0 |
| 157.5° | 519.0 | 519.0 | 519.0 | 518.5 | 518.0 | 517.5 | 517.0 | 517.2 | 517.5 | 517.8 | 518.0 |
| 160° | 532.0 | 532.0 | 532.0 | 531.5 | 531.0 | 530.5 | 530.0 | 530.0 | 530.0 | 530.0 | 530.0 |
| 162.5° | 541.5 | 541.8 | 542.0 | 541.5 | 541.0 | 540.5 | 540.0 | 539.5 | 539.0 | 538.5 | 538.0 |
| 165° | 552.5 | 552.8 | 553.0 | 552.2 | 551.5 | 550.8 | 550.0 | 549.5 | 549.0 | 548.5 | 548.0 |
| 167.5° | 560.0 | 560.0 | 560.0 | 559.5 | 559.0 | 558.5 | 558.0 | 558.2 | 558.5 | 558.8 | 559.0 |
| 170° | 565.5 | 565.2 | 565.0 | 564.8 | 564.5 | 564.2 | 564.0 | 564.5 | 565.0 | 565.5 | 566.0 |
| 172.5° | 568.5 | 568.8 | 569.0 | 568.5 | 568.0 | 567.5 | 567.0 | 567.2 | 567.5 | 567.8 | 568.0 |
| 175° | 572.5 | 572.8 | 573.0 | 572.2 | 571.5 | 570.8 | 570.0 | 569.5 | 569.0 | 568.5 | 568.0 |
| 177.5° | 577.0 | 577.0 | 577.0 | 576.2 | 575.5 | 574.8 | 574.0 | 574.0 | 574.0 | 574.0 | 574.0 |
| 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: P228578

CATALOG NUMBER: ISS-AF-600-LED-E1-SLR-7050-ULG

CANDELA DISTRIBUTION (continued):

| | 77.5° | 80° | 85° | 90° | 95° | 100° | 102.5° | 105° | 107.5° | 110° | 112.5° |
|--------|-------|-------|-------|-------|-------|-------|--------|-------|--------|-------|--------|
| 0° | 901.9 | 901.9 | 901.9 | 901.9 | 901.9 | 901.9 | 901.9 | 901.9 | 901.9 | 901.9 | 901.9 |
| 2.5° | 763.8 | 762.5 | 749.6 | 752.2 | 748.4 | 740.6 | 741.9 | 743.2 | 745.8 | 740.6 | 738.0 |
| 5° | 574.2 | 575.5 | 558.7 | 563.8 | 560.0 | 558.7 | 562.6 | 569.0 | 572.9 | 571.6 | 567.7 |
| 7.5° | 407.7 | 409.0 | 394.8 | 393.5 | 389.7 | 388.4 | 393.5 | 400.0 | 403.9 | 402.6 | 403.9 |
| 10° | 336.8 | 332.9 | 320.0 | 311.0 | 301.9 | 294.2 | 292.9 | 292.9 | 292.9 | 290.3 | 287.7 |
| 12.5° | 278.7 | 274.8 | 259.3 | 251.6 | 243.9 | 233.5 | 232.2 | 231.0 | 227.1 | 223.2 | 218.1 |
| 15° | 216.8 | 212.9 | 200.0 | 194.8 | 188.4 | 184.5 | 183.2 | 183.2 | 180.6 | 178.1 | 175.5 |
| 17.5° | 157.4 | 154.8 | 147.1 | 141.9 | 140.6 | 141.9 | 143.2 | 145.8 | 147.1 | 148.4 | 148.4 |
| 20° | 118.7 | 117.4 | 114.8 | 114.8 | 116.1 | 120.0 | 121.3 | 125.2 | 126.4 | 129.0 | 131.6 |
| 22.5° | 104.5 | 104.5 | 103.2 | 103.2 | 105.8 | 109.7 | 112.3 | 113.5 | 114.8 | 116.1 | 116.1 |
| 25° | 96.8 | 96.8 | 95.5 | 98.1 | 101.9 | 101.9 | 101.9 | 101.9 | 99.4 | 98.1 | 98.1 |
| 27.5° | 91.6 | 91.6 | 91.6 | 92.9 | 91.6 | 90.3 | 90.3 | 90.3 | 89.0 | 89.0 | 87.7 |
| 30° | 87.7 | 87.7 | 87.7 | 86.4 | 86.4 | 85.2 | 85.2 | 83.9 | 83.9 | 82.6 | 82.6 |
| 32.5° | 81.3 | 78.7 | 81.3 | 78.7 | 78.7 | 77.4 | 78.7 | 78.7 | 76.1 | 76.1 | 76.1 |
| 35° | 64.5 | 63.2 | 63.2 | 63.2 | 61.9 | 63.2 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 |
| 37.5° | 60.6 | 60.6 | 59.4 | 58.1 | 58.1 | 56.8 | 58.1 | 56.8 | 56.8 | 56.8 | 58.1 |
| 40° | 59.4 | 58.1 | 56.8 | 56.8 | 55.5 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 |
| 42.5° | 56.8 | 56.8 | 54.2 | 52.9 | 52.9 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 |
| 45° | 55.5 | 54.2 | 52.9 | 51.6 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 49.0 |
| 47.5° | 54.2 | 52.9 | 51.6 | 50.3 | 49.0 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| 50° | 52.9 | 51.6 | 49.0 | 49.0 | 47.7 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 |
| 52.5° | 50.3 | 50.3 | 47.7 | 46.4 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 |
| 55° | 47.7 | 47.7 | 45.2 | 43.9 | 42.6 | 42.6 | 42.6 | 42.6 | 43.9 | 43.9 | 43.9 |
| 57.5° | 46.4 | 45.2 | 42.6 | 42.6 | 40.0 | 40.0 | 40.0 | 41.3 | 41.3 | 42.6 | 42.6 |
| 60° | 43.9 | 42.6 | 41.3 | 40.0 | 40.0 | 38.7 | 38.7 | 38.7 | 38.7 | 40.0 | 40.0 |
| 62.5° | 42.6 | 41.3 | 38.7 | 37.4 | 37.4 | 37.4 | 37.4 | 37.4 | 37.4 | 37.4 | 37.4 |
| 65° | 40.0 | 40.0 | 37.4 | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 |
| 67.5° | 37.4 | 37.4 | 34.8 | 33.5 | 33.5 | 33.5 | 34.8 | 33.5 | 33.5 | 33.5 | 33.5 |
| 70° | 34.8 | 33.5 | 32.3 | 31.0 | 31.0 | 31.0 | 31.0 | 31.0 | 31.0 | 31.0 | 31.0 |
| 72.5° | 31.0 | 31.0 | 29.7 | 28.4 | 28.4 | 28.4 | 28.4 | 28.4 | 28.4 | 28.4 | 29.7 |
| 75° | 27.1 | 25.8 | 24.5 | 24.5 | 24.5 | 24.5 | 24.5 | 24.5 | 24.5 | 24.5 | 24.5 |
| 77.5° | 23.2 | 20.6 | 20.6 | 20.6 | 20.6 | 20.6 | 20.6 | 20.6 | 20.6 | 20.6 | 21.9 |
| 80° | 16.8 | 15.5 | 15.5 | 15.5 | 15.5 | 16.8 | 16.8 | 16.8 | 16.8 | 16.8 | 16.8 |
| 82.5° | 10.3 | 9.0 | 9.0 | 9.0 | 10.3 | 11.6 | 11.6 | 11.6 | 11.6 | 12.9 | 12.9 |
| 85° | 2.6 | 2.6 | 2.6 | 2.6 | 5.2 | 6.5 | 6.5 | 6.5 | 7.7 | 6.5 | 6.5 |
| 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° | 4.8 | 4.5 | 4.0 | 4.0 | 4.0 | 4.5 | 4.8 | 5.0 | 5.5 | 6.0 | 6.5 |
| 100° | 26.8 | 26.5 | 26.0 | 25.0 | 26.0 | 26.5 | 26.8 | 27.0 | 27.8 | 28.5 | 29.2 |
| 102.5° | 48.2 | 48.5 | 49.0 | 48.0 | 49.0 | 48.5 | 48.2 | 48.0 | 48.5 | 49.0 | 49.5 |
| 105° | 69.5 | 70.0 | 71.0 | 69.0 | 71.0 | 70.0 | 69.5 | 69.0 | 69.5 | 70.0 | 70.5 |
| 107.5° | 91.2 | 91.5 | 92.0 | 91.0 | 92.0 | 91.5 | 91.2 | 91.0 | 91.2 | 91.5 | 91.8 |
| 110° | 113.2 | 113.5 | 114.0 | 113.0 | 114.0 | 113.5 | 113.2 | 113.0 | 113.2 | 113.5 | 113.8 |



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REPORT N
 CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

| | 77.5° | 80° | 85° | 90° | 95° | 100° | 102.5° | 105° | 107.5° | 110° | 112.5° | |
|--------|-------|-------|-------|-------|-------|-------|--------|-------|--------|-------|--------|--------|
| 112.5° | 135.5 | 136.0 | 137.0 | 135.0 | 137.0 | 136.0 | 135.5 | 135.0 | 135.2 | 135.5 | 135.8 | 0° |
| 115° | 158.5 | 159.0 | 160.0 | 159.0 | 160.0 | 159.0 | 158.5 | 158.0 | 158.0 | 158.0 | 158.0 | 2.5° |
| 117.5° | 180.5 | 181.0 | 182.0 | 180.0 | 182.0 | 181.0 | 180.5 | 180.0 | 180.2 | 180.5 | 180.8 | 5° |
| 120° | 204.5 | 205.0 | 206.0 | 204.0 | 206.0 | 205.0 | 204.5 | 204.0 | 204.0 | 204.0 | 204.0 | 7.5° |
| 122.5° | 230.0 | 231.0 | 233.0 | 232.0 | 233.0 | 231.0 | 230.0 | 229.0 | 228.8 | 228.5 | 228.2 | 10° |
| 125° | 254.8 | 255.5 | 257.0 | 256.0 | 257.0 | 255.5 | 254.8 | 254.0 | 254.0 | 254.0 | 254.0 | 12.5° |
| 127.5° | 278.8 | 279.5 | 281.0 | 278.0 | 281.0 | 279.5 | 278.8 | 278.0 | 277.8 | 277.5 | 277.2 | 15° |
| 130° | 302.8 | 303.5 | 305.0 | 303.0 | 305.0 | 303.5 | 302.8 | 302.0 | 301.8 | 301.5 | 301.2 | 17.5° |
| 132.5° | 326.8 | 327.5 | 329.0 | 327.0 | 329.0 | 327.5 | 326.8 | 326.0 | 325.8 | 325.5 | 325.2 | 20° |
| 135° | 349.5 | 350.0 | 351.0 | 350.0 | 351.0 | 350.0 | 349.5 | 349.0 | 348.8 | 348.5 | 348.2 | 22.5° |
| 137.5° | 371.0 | 372.0 | 374.0 | 372.0 | 374.0 | 372.0 | 371.0 | 370.0 | 369.8 | 369.5 | 369.2 | 25° |
| 140° | 393.0 | 394.0 | 396.0 | 394.0 | 396.0 | 394.0 | 393.0 | 392.0 | 391.5 | 391.0 | 390.5 | 27.5° |
| 142.5° | 413.8 | 414.5 | 416.0 | 415.0 | 416.0 | 414.5 | 413.8 | 413.0 | 412.8 | 412.5 | 412.2 | 30° |
| 145° | 434.8 | 435.5 | 437.0 | 435.0 | 437.0 | 435.5 | 434.8 | 434.0 | 433.8 | 433.5 | 433.2 | 32.5° |
| 147.5° | 453.8 | 454.5 | 456.0 | 453.0 | 456.0 | 454.5 | 453.8 | 453.0 | 452.8 | 452.5 | 452.2 | 35° |
| 150° | 470.0 | 471.0 | 473.0 | 470.0 | 473.0 | 471.0 | 470.0 | 469.0 | 469.0 | 469.0 | 469.0 | 37.5° |
| 152.5° | 486.8 | 487.5 | 489.0 | 486.0 | 489.0 | 487.5 | 486.8 | 486.0 | 486.0 | 486.0 | 486.0 | 40° |
| 155° | 504.8 | 505.5 | 507.0 | 505.0 | 507.0 | 505.5 | 504.8 | 504.0 | 503.8 | 503.5 | 503.2 | 42.5° |
| 157.5° | 519.2 | 520.5 | 523.0 | 520.0 | 523.0 | 520.5 | 519.2 | 518.0 | 517.8 | 517.5 | 517.2 | 45° |
| 160° | 530.8 | 531.5 | 533.0 | 531.0 | 533.0 | 531.5 | 530.8 | 530.0 | 530.0 | 530.0 | 530.0 | 47.5° |
| 162.5° | 538.5 | 539.0 | 540.0 | 537.0 | 540.0 | 539.0 | 538.5 | 538.0 | 538.5 | 539.0 | 539.5 | 50° |
| 165° | 548.5 | 549.0 | 550.0 | 548.0 | 550.0 | 549.0 | 548.5 | 548.0 | 548.5 | 549.0 | 549.5 | 52.5° |
| 167.5° | 560.0 | 561.0 | 563.0 | 561.0 | 563.0 | 561.0 | 560.0 | 559.0 | 558.8 | 558.5 | 558.2 | 55° |
| 170° | 567.2 | 568.5 | 571.0 | 569.0 | 571.0 | 568.5 | 567.2 | 566.0 | 565.5 | 565.0 | 564.5 | 57.5° |
| 172.5° | 568.8 | 569.5 | 571.0 | 568.0 | 571.0 | 569.5 | 568.8 | 568.0 | 567.8 | 567.5 | 567.2 | 60° |
| 175° | 568.8 | 569.5 | 571.0 | 568.0 | 571.0 | 569.5 | 568.8 | 568.0 | 568.5 | 569.0 | 569.5 | 62.5° |
| 177.5° | 574.8 | 575.5 | 577.0 | 574.0 | 577.0 | 575.5 | 574.8 | 574.0 | 574.0 | 574.0 | 574.0 | 65° |
| 180° | 576.0 | 576.0 | 576.0 | 576.0 | 576.0 | 576.0 | 576.0 | 576.0 | 576.0 | 576.0 | 576.0 | 67.5° |
| | | | | | | | | | | | | 70° |
| | | | | | | | | | | | | 72.5° |
| | | | | | | | | | | | | 75° |
| | | | | | | | | | | | | 77.5° |
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| | | | | | | | | | | | | 82.5° |
| | | | | | | | | | | | | 85° |
| | | | | | | | | | | | | 87.5° |
| | | | | | | | | | | | | 90° |
| | | | | | | | | | | | | 92.5° |
| | | | | | | | | | | | | 95° |
| | | | | | | | | | | | | 97.5° |
| | | | | | | | | | | | | 100° |
| | | | | | | | | | | | | 102.5° |
| | | | | | | | | | | | | 105° |
| | | | | | | | | | | | | 107.5° |
| | | | | | | | | | | | | 110° |

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 NUMBER: ISS-AF-600-LED-E1-SLR-7050-ULG

REPORT NUMBER: P
 CATALOG NUMBER:

DISTRIBUTION (continued):

CANDELA DISTRIBUTION

| 115° | 117.5° | 120° | 122.5° | 125° | 127.5° | 130° | 135° | 145° | 155° | 165° | 115° | 115° |
|-------|--------|-------|--------|-------|--------|-------|-------|-------|-------|-------|--------|-------|
| 901.9 | 901.9 | 901.9 | 901.9 | 901.9 | 901.9 | 901.9 | 901.9 | 901.9 | 901.9 | 901.9 | 112.5° | 136.0 |
| 735.5 | 750.9 | 750.9 | 740.6 | 745.8 | 740.6 | 739.3 | 748.4 | 753.5 | 770.3 | 780.6 | 115° | 158.0 |
| 569.0 | 588.4 | 589.7 | 584.5 | 590.9 | 587.1 | 590.9 | 602.6 | 611.6 | 623.2 | 633.5 | 117.5° | 181.0 |
| 406.4 | 424.5 | 428.4 | 424.5 | 436.1 | 434.8 | 437.4 | 450.3 | 458.0 | 464.5 | 465.8 | 120° | 204.0 |
| 286.4 | 289.0 | 299.3 | 296.8 | 304.5 | 303.2 | 307.1 | 317.4 | 327.7 | 331.6 | 334.2 | 122.5° | 228.0 |
| 215.5 | 212.9 | 216.8 | 211.6 | 215.5 | 215.5 | 216.8 | 223.2 | 236.1 | 241.3 | 254.2 | 125° | 254.0 |
| 174.2 | 171.6 | 171.6 | 169.0 | 169.0 | 167.7 | 169.0 | 174.2 | 183.2 | 191.0 | 201.3 | 127.5° | 277.0 |
| 148.4 | 148.4 | 148.4 | 147.1 | 145.8 | 145.8 | 147.1 | 149.7 | 154.8 | 160.0 | 165.2 | 130° | 301.0 |
| 132.9 | 135.5 | 136.8 | 138.1 | 139.3 | 140.6 | 141.9 | 145.8 | 144.5 | 139.3 | 132.9 | 132.5° | 325.0 |
| 116.1 | 116.1 | 117.4 | 117.4 | 116.1 | 116.1 | 116.1 | 116.1 | 116.1 | 120.0 | 123.9 | 135° | 348.0 |
| 96.8 | 96.8 | 96.8 | 98.1 | 96.8 | 96.8 | 98.1 | 98.1 | 99.4 | 101.9 | 105.8 | 137.5° | 369.0 |
| 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 89.0 | 90.3 | 94.2 | 96.8 | 140° | 390.0 |
| 81.3 | 81.3 | 80.0 | 80.0 | 80.0 | 78.7 | 80.0 | 80.0 | 81.3 | 86.4 | 90.3 | 142.5° | 412.0 |
| 74.8 | 73.5 | 73.5 | 73.5 | 72.3 | 72.3 | 72.3 | 74.8 | 76.1 | 78.7 | 82.6 | 145° | 433.0 |
| 65.8 | 65.8 | 65.8 | 67.1 | 67.1 | 67.1 | 67.1 | 69.7 | 69.7 | 71.0 | 71.0 | 147.5° | 452.0 |
| 59.4 | 59.4 | 60.6 | 61.9 | 61.9 | 63.2 | 63.2 | 64.5 | 65.8 | 64.5 | 63.2 | 150° | 469.0 |
| 54.2 | 55.5 | 55.5 | 58.1 | 58.1 | 58.1 | 59.4 | 60.6 | 61.9 | 59.4 | 59.4 | 152.5° | 486.0 |
| 51.6 | 51.6 | 51.6 | 52.9 | 52.9 | 52.9 | 54.2 | 55.5 | 56.8 | 56.8 | 56.8 | 155° | 503.0 |
| 49.0 | 49.0 | 49.0 | 50.3 | 49.0 | 49.0 | 49.0 | 50.3 | 52.9 | 52.9 | 54.2 | 157.5° | 517.0 |
| 47.7 | 47.7 | 47.7 | 46.4 | 46.4 | 46.4 | 46.4 | 47.7 | 49.0 | 51.6 | 52.9 | 160° | 530.0 |
| 46.4 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 46.4 | 47.7 | 49.0 | 51.6 | 162.5° | 540.0 |
| 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 45.2 | 46.4 | 47.7 | 49.0 | 165° | 550.0 |
| 43.9 | 43.9 | 42.6 | 42.6 | 43.9 | 43.9 | 43.9 | 45.2 | 46.4 | 47.7 | 47.7 | 167.5° | 558.0 |
| 42.6 | 41.3 | 41.3 | 42.6 | 42.6 | 42.6 | 42.6 | 43.9 | 45.2 | 46.4 | 46.4 | 170° | 564.0 |
| 40.0 | 40.0 | 40.0 | 40.0 | 41.3 | 41.3 | 42.6 | 43.9 | 43.9 | 45.2 | 45.2 | 172.5° | 567.0 |
| 37.4 | 38.7 | 38.7 | 38.7 | 40.0 | 40.0 | 41.3 | 42.6 | 43.9 | 45.2 | 43.9 | 175° | 570.0 |
| 36.1 | 37.4 | 37.4 | 37.4 | 38.7 | 38.7 | 38.7 | 41.3 | 42.6 | 42.6 | 43.9 | 177.5° | 574.0 |
| 34.8 | 34.8 | 34.8 | 36.1 | 36.1 | 37.4 | 37.4 | 40.0 | 40.0 | 41.3 | 42.6 | 180° | 576.0 |
| 32.3 | 32.3 | 32.3 | 33.5 | 33.5 | 34.8 | 36.1 | 37.4 | 37.4 | 38.7 | 40.0 | | |
| 29.7 | 29.7 | 29.7 | 31.0 | 31.0 | 32.3 | 33.5 | 36.1 | 34.8 | 36.1 | 36.1 | | |
| 25.8 | 25.8 | 27.1 | 27.1 | 28.4 | 29.7 | 31.0 | 31.0 | 31.0 | 31.0 | 31.0 | | |
| 21.9 | 21.9 | 23.2 | 23.2 | 24.5 | 25.8 | 25.8 | 25.8 | 27.1 | 25.8 | 25.8 | | |
| 18.1 | 18.1 | 19.4 | 19.4 | 19.4 | 19.4 | 20.6 | 19.4 | 20.6 | 19.4 | 20.6 | | |
| 12.9 | 12.9 | 14.2 | 12.9 | 14.2 | 12.9 | 12.9 | 11.6 | 14.2 | 12.9 | 12.9 | | |
| 5.2 | 6.5 | 6.5 | 6.5 | 6.5 | 5.2 | 5.2 | 3.9 | 5.2 | 5.2 | 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 | | |
| 7.0 | 8.5 | 10.0 | 11.5 | 13.0 | 12.0 | 11.0 | 9.0 | 4.0 | 3.0 | 2.0 | | |
| 30.0 | 30.5 | 31.0 | 31.5 | 32.0 | 31.5 | 31.0 | 30.0 | 22.0 | 14.0 | 10.0 | | |
| 50.0 | 50.2 | 50.5 | 50.8 | 51.0 | 50.8 | 50.5 | 50.0 | 45.0 | 38.0 | 32.0 | | |
| 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 70.8 | 70.5 | 70.0 | 66.0 | 61.0 | 56.0 | | |
| 92.0 | 92.2 | 92.5 | 92.8 | 93.0 | 92.5 | 92.0 | 91.0 | 88.0 | 84.0 | 80.0 | | |
| 114.0 | 114.0 | 114.0 | 114.0 | 114.0 | 113.5 | 113.0 | 112.0 | 110.0 | 106.0 | 103.0 | | |

'228578
 ISS-AF-600-LED-E1-SLR-7050-ULG

REPORT NUMBER: P228578
 CATALOG NUMBER: ISS-AF-600

TION (continued):

CANDELA DISTRIBUTION (con

| 117.5° | 120° | 122.5° | 125° | 127.5° | 130° | 135° | 145° | 155° | 165° | | 175° | 180° |
|--------|-------|--------|-------|--------|-------|-------|-------|-------|-------|--------|-------|-------|
| 136.0 | 136.0 | 136.0 | 136.0 | 135.5 | 135.0 | 134.0 | 132.0 | 129.0 | 126.0 | 0° | 901.9 | 901.9 |
| 158.0 | 158.0 | 158.0 | 158.0 | 157.5 | 157.0 | 156.0 | 154.0 | 151.0 | 149.0 | 2.5° | 784.5 | 783.2 |
| 180.8 | 180.5 | 180.2 | 180.0 | 179.8 | 179.5 | 179.0 | 177.0 | 174.0 | 172.0 | 5° | 634.8 | 632.2 |
| 204.0 | 204.0 | 204.0 | 204.0 | 203.5 | 203.0 | 202.0 | 201.0 | 198.0 | 196.0 | 7.5° | 454.2 | 449.0 |
| 228.0 | 228.0 | 228.0 | 228.0 | 227.8 | 227.5 | 227.0 | 226.0 | 223.0 | 221.0 | 10° | 335.5 | 339.3 |
| 253.8 | 253.5 | 253.2 | 253.0 | 252.8 | 252.5 | 252.0 | 251.0 | 248.0 | 247.0 | 12.5° | 268.4 | 283.9 |
| 277.2 | 277.5 | 277.8 | 278.0 | 277.5 | 277.0 | 276.0 | 274.0 | 272.0 | 270.0 | 15° | 215.5 | 224.5 |
| 301.0 | 301.0 | 301.0 | 301.0 | 300.5 | 300.0 | 299.0 | 298.0 | 294.0 | 293.0 | 17.5° | 166.4 | 170.3 |
| 325.0 | 325.0 | 325.0 | 325.0 | 324.2 | 323.5 | 322.0 | 321.0 | 318.0 | 317.0 | 20° | 132.9 | 132.9 |
| 348.0 | 348.0 | 348.0 | 348.0 | 347.2 | 346.5 | 345.0 | 345.0 | 341.0 | 339.0 | 22.5° | 116.1 | 114.8 |
| 369.0 | 369.0 | 369.0 | 369.0 | 368.5 | 368.0 | 367.0 | 367.0 | 364.0 | 363.0 | 25° | 109.7 | 108.4 |
| 390.0 | 390.0 | 390.0 | 390.0 | 389.8 | 389.5 | 389.0 | 388.0 | 386.0 | 385.0 | 27.5° | 99.4 | 100.6 |
| 412.0 | 412.0 | 412.0 | 412.0 | 411.5 | 411.0 | 410.0 | 410.0 | 407.0 | 408.0 | 30° | 92.9 | 94.2 |
| 433.2 | 433.5 | 433.8 | 434.0 | 433.5 | 433.0 | 432.0 | 431.0 | 428.0 | 428.0 | 32.5° | 85.2 | 86.4 |
| 452.5 | 453.0 | 453.5 | 454.0 | 453.8 | 453.5 | 453.0 | 452.0 | 448.0 | 447.0 | 35° | 69.7 | 69.7 |
| 469.5 | 470.0 | 470.5 | 471.0 | 470.8 | 470.5 | 470.0 | 469.0 | 465.0 | 464.0 | 37.5° | 64.5 | 64.5 |
| 486.2 | 486.5 | 486.8 | 487.0 | 486.8 | 486.5 | 486.0 | 485.0 | 482.0 | 483.0 | 40° | 60.6 | 61.9 |
| 503.2 | 503.5 | 503.8 | 504.0 | 503.8 | 503.5 | 503.0 | 503.0 | 501.0 | 502.0 | 42.5° | 58.1 | 58.1 |
| 517.5 | 518.0 | 518.5 | 519.0 | 519.0 | 519.0 | 519.0 | 519.0 | 516.0 | 517.0 | 45° | 55.5 | 56.8 |
| 530.5 | 531.0 | 531.5 | 532.0 | 532.0 | 532.0 | 532.0 | 532.0 | 529.0 | 529.0 | 47.5° | 54.2 | 54.2 |
| 540.5 | 541.0 | 541.5 | 542.0 | 541.8 | 541.5 | 541.0 | 541.0 | 538.0 | 539.0 | 50° | 51.6 | 52.9 |
| 550.8 | 551.5 | 552.2 | 553.0 | 552.8 | 552.5 | 552.0 | 552.0 | 548.0 | 549.0 | 52.5° | 50.3 | 51.6 |
| 558.5 | 559.0 | 559.5 | 560.0 | 560.0 | 560.0 | 560.0 | 561.0 | 558.0 | 559.0 | 55° | 49.0 | 49.0 |
| 564.2 | 564.5 | 564.8 | 565.0 | 565.2 | 565.5 | 566.0 | 567.0 | 565.0 | 566.0 | 57.5° | 46.4 | 47.7 |
| 567.5 | 568.0 | 568.5 | 569.0 | 568.8 | 568.5 | 568.0 | 569.0 | 567.0 | 569.0 | 60° | 46.4 | 46.4 |
| 570.8 | 571.5 | 572.2 | 573.0 | 572.8 | 572.5 | 572.0 | 572.0 | 569.0 | 570.0 | 62.5° | 45.2 | 45.2 |
| 574.8 | 575.5 | 576.2 | 577.0 | 577.0 | 577.0 | 577.0 | 578.0 | 574.0 | 575.0 | 65° | 43.9 | 43.9 |
| 576.0 | 576.0 | 576.0 | 576.0 | 576.0 | 576.0 | 576.0 | 576.0 | 576.0 | 576.0 | 67.5° | 41.3 | 41.3 |
| | | | | | | | | | | 70° | 38.7 | 38.7 |
| | | | | | | | | | | 72.5° | 36.1 | 34.8 |
| | | | | | | | | | | 75° | 31.0 | 31.0 |
| | | | | | | | | | | 77.5° | 25.8 | 25.8 |
| | | | | | | | | | | 80° | 19.4 | 18.1 |
| | | | | | | | | | | 82.5° | 11.6 | 10.3 |
| | | | | | | | | | | 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° | 2.0 | 2.0 |
| | | | | | | | | | | 100° | 8.0 | 8.0 |
| | | | | | | | | | | 102.5° | 28.0 | 28.0 |
| | | | | | | | | | | 105° | 54.0 | 54.0 |
| | | | | | | | | | | 107.5° | 77.0 | 78.0 |
| | | | | | | | | | | 110° | 102.0 | 101.0 |

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CATALOG NUMBER: ISS-AF-600-LED-E1-S

0-LED-E1-SLR-7050-ULG

tinued):

CANDELA DISTRIBUTION (continued):

| 185° | 195° | 205° | 215° | 225° | 230° | 235° | 240° | 245° | | 175° | 180° | 185° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|
| 901.9 | 901.9 | 901.9 | 901.9 | 901.9 | 901.9 | 901.9 | 901.9 | 901.9 | 112.5° | 124.0 | 124.0 | 124.0 |
| 802.5 | 816.7 | 825.8 | 860.6 | 876.1 | 895.4 | 904.5 | 917.4 | 930.3 | 115° | 147.0 | 146.0 | 147.0 |
| 655.5 | 673.5 | 689.0 | 739.3 | 769.0 | 796.1 | 818.0 | 838.7 | 868.3 | 117.5° | 170.0 | 169.0 | 170.0 |
| 464.5 | 480.0 | 500.6 | 554.8 | 606.4 | 642.6 | 674.8 | 709.6 | 748.4 | 120° | 195.0 | 193.0 | 195.0 |
| 354.8 | 378.0 | 405.1 | 446.4 | 487.7 | 513.5 | 541.9 | 580.6 | 627.1 | 122.5° | 220.0 | 219.0 | 220.0 |
| 296.8 | 325.1 | 357.4 | 403.9 | 447.7 | 468.4 | 489.0 | 508.4 | 532.9 | 125° | 246.0 | 244.0 | 246.0 |
| 234.8 | 261.9 | 300.6 | 354.8 | 406.4 | 429.7 | 454.2 | 477.4 | 499.3 | 127.5° | 269.0 | 267.0 | 269.0 |
| 175.5 | 194.8 | 229.7 | 294.2 | 351.0 | 380.6 | 409.0 | 441.3 | 470.9 | 130° | 292.0 | 290.0 | 292.0 |
| 134.2 | 143.2 | 167.7 | 218.1 | 287.7 | 325.1 | 361.3 | 402.6 | 445.1 | 132.5° | 314.0 | 313.0 | 314.0 |
| 116.1 | 120.0 | 131.6 | 161.3 | 224.5 | 268.4 | 314.8 | 366.4 | 419.3 | 135° | 337.0 | 336.0 | 337.0 |
| 107.1 | 109.7 | 116.1 | 130.3 | 175.5 | 221.9 | 269.7 | 331.6 | 396.1 | 137.5° | 360.0 | 359.0 | 360.0 |
| 101.9 | 104.5 | 109.7 | 117.4 | 145.8 | 180.6 | 233.5 | 301.9 | 379.3 | 140° | 383.0 | 382.0 | 383.0 |
| 95.5 | 98.1 | 107.1 | 116.1 | 132.9 | 154.8 | 200.0 | 267.1 | 353.5 | 142.5° | 406.0 | 404.0 | 406.0 |
| 87.7 | 89.0 | 91.6 | 101.9 | 113.5 | 131.6 | 170.3 | 236.1 | 326.4 | 145° | 426.0 | 425.0 | 426.0 |
| 71.0 | 74.8 | 80.0 | 90.3 | 101.9 | 116.1 | 152.3 | 215.5 | 309.7 | 147.5° | 444.0 | 444.0 | 444.0 |
| 65.8 | 69.7 | 74.8 | 83.9 | 94.2 | 107.1 | 144.5 | 207.7 | 294.2 | 150° | 462.0 | 461.0 | 462.0 |
| 61.9 | 65.8 | 71.0 | 81.3 | 87.7 | 103.2 | 140.6 | 196.1 | 278.7 | 152.5° | 480.0 | 479.0 | 480.0 |
| 59.4 | 63.2 | 69.7 | 77.4 | 86.4 | 100.6 | 130.3 | 185.8 | 269.7 | 155° | 500.0 | 499.0 | 500.0 |
| 56.8 | 60.6 | 68.4 | 74.8 | 87.7 | 95.5 | 123.9 | 178.1 | 261.9 | 157.5° | 515.0 | 513.0 | 515.0 |
| 55.5 | 59.4 | 67.1 | 76.1 | 85.2 | 90.3 | 117.4 | 171.6 | 255.5 | 160° | 527.0 | 525.0 | 527.0 |
| 54.2 | 58.1 | 65.8 | 83.9 | 81.3 | 86.4 | 112.3 | 166.4 | 251.6 | 162.5° | 536.0 | 535.0 | 536.0 |
| 52.9 | 56.8 | 65.8 | 85.2 | 78.7 | 81.3 | 108.4 | 161.3 | 249.0 | 165° | 547.0 | 546.0 | 547.0 |
| 50.3 | 55.5 | 65.8 | 78.7 | 73.5 | 78.7 | 100.6 | 153.5 | 242.6 | 167.5° | 556.0 | 555.0 | 556.0 |
| 49.0 | 52.9 | 64.5 | 72.3 | 69.7 | 74.8 | 92.9 | 140.6 | 233.5 | 170° | 563.0 | 562.0 | 563.0 |
| 47.7 | 51.6 | 64.5 | 64.5 | 65.8 | 71.0 | 83.9 | 125.2 | 218.1 | 172.5° | 566.0 | 565.0 | 566.0 |
| 46.4 | 51.6 | 65.8 | 58.1 | 61.9 | 67.1 | 77.4 | 112.3 | 198.7 | 175° | 569.0 | 567.0 | 569.0 |
| 45.2 | 49.0 | 56.8 | 55.5 | 59.4 | 63.2 | 74.8 | 103.2 | 181.9 | 177.5° | 573.0 | 572.0 | 573.0 |
| 42.6 | 46.4 | 50.3 | 51.6 | 56.8 | 60.6 | 73.5 | 101.9 | 166.4 | 180° | 576.0 | 576.0 | 576.0 |
| 38.7 | 42.6 | 45.2 | 49.0 | 52.9 | 58.1 | 73.5 | 100.6 | 154.8 | | | | |
| 36.1 | 38.7 | 41.3 | 43.9 | 47.7 | 54.2 | 72.3 | 101.9 | 149.7 | | | | |
| 31.0 | 33.5 | 36.1 | 38.7 | 42.6 | 50.3 | 68.4 | 95.5 | 134.2 | | | | |
| 24.5 | 28.4 | 31.0 | 32.3 | 36.1 | 43.9 | 59.4 | 81.3 | 108.4 | | | | |
| 18.1 | 21.9 | 23.2 | 25.8 | 28.4 | 33.5 | 46.4 | 59.4 | 80.0 | | | | |
| 10.3 | 14.2 | 15.5 | 16.8 | 21.9 | 24.5 | 31.0 | 38.7 | 54.2 | | | | |
| 3.9 | 6.5 | 7.7 | 9.0 | 12.9 | 14.2 | 19.4 | 24.5 | 28.4 | | | | |
| 0.0 | 0.0 | 0.0 | 0.0 | 2.6 | 3.9 | 6.5 | 7.7 | 6.5 | | | | |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | | |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | | |
| 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | | | | |
| 2.0 | 2.0 | 3.0 | 4.0 | 9.0 | 11.0 | 13.0 | 10.0 | 7.0 | | | | |
| 8.0 | 10.0 | 14.0 | 22.0 | 30.0 | 31.0 | 32.0 | 31.0 | 30.0 | | | | |
| 28.0 | 32.0 | 38.0 | 45.0 | 50.0 | 50.5 | 51.0 | 50.5 | 50.0 | | | | |
| 54.0 | 56.0 | 61.0 | 66.0 | 70.0 | 70.5 | 71.0 | 71.0 | 71.0 | | | | |
| 77.0 | 80.0 | 84.0 | 88.0 | 91.0 | 92.0 | 93.0 | 92.5 | 92.0 | | | | |
| 102.0 | 103.0 | 106.0 | 110.0 | 112.0 | 113.0 | 114.0 | 114.0 | 114.0 | | | | |

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CATALOG NUMBER: ISS-AF-600-LED-E1-SLR-7050-L

SLR-7050-ULG

CANDELA DISTRIBUTION (continued):

| 195° | 205° | 215° | 225° | 230° | 235° | 240° | 245° | | 250° | 255° | 260° | 265° |
|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|--------|--------|
| 126.0 | 129.0 | 132.0 | 134.0 | 135.0 | 136.0 | 136.0 | 136.0 | 0° | 901.9 | 901.9 | 901.9 | 901.9 |
| 149.0 | 151.0 | 154.0 | 156.0 | 157.0 | 158.0 | 158.0 | 158.0 | 2.5° | 945.8 | 958.7 | 975.4 | 990.9 |
| 172.0 | 174.0 | 177.0 | 179.0 | 179.5 | 180.0 | 180.5 | 181.0 | 5° | 891.6 | 916.1 | 952.2 | 981.9 |
| 196.0 | 198.0 | 201.0 | 202.0 | 203.0 | 204.0 | 204.0 | 204.0 | 7.5° | 781.9 | 815.4 | 860.6 | 901.9 |
| 221.0 | 223.0 | 226.0 | 227.0 | 227.5 | 228.0 | 228.0 | 228.0 | 10° | 667.1 | 713.5 | 761.3 | 814.2 |
| 247.0 | 248.0 | 251.0 | 252.0 | 252.5 | 253.0 | 253.5 | 254.0 | 12.5° | 572.9 | 625.8 | 680.0 | 745.8 |
| 270.0 | 272.0 | 274.0 | 276.0 | 277.0 | 278.0 | 277.5 | 277.0 | 15° | 532.9 | 579.3 | 642.6 | 714.8 |
| 293.0 | 294.0 | 298.0 | 299.0 | 300.0 | 301.0 | 301.0 | 301.0 | 17.5° | 516.1 | 575.5 | 647.7 | 723.8 |
| 317.0 | 318.0 | 321.0 | 322.0 | 323.5 | 325.0 | 325.0 | 325.0 | 20° | 498.0 | 579.3 | 676.1 | 769.0 |
| 339.0 | 341.0 | 345.0 | 345.0 | 346.5 | 348.0 | 348.0 | 348.0 | 22.5° | 487.7 | 592.2 | 712.2 | 842.5 |
| 363.0 | 364.0 | 367.0 | 367.0 | 368.0 | 369.0 | 369.0 | 369.0 | 25° | 485.1 | 621.9 | 774.2 | 947.1 |
| 385.0 | 386.0 | 388.0 | 389.0 | 389.5 | 390.0 | 390.0 | 390.0 | 27.5° | 487.7 | 655.5 | 851.6 | 1059.3 |
| 408.0 | 407.0 | 410.0 | 410.0 | 411.0 | 412.0 | 412.0 | 412.0 | 30° | 476.1 | 690.3 | 929.0 | 1157.4 |
| 428.0 | 428.0 | 431.0 | 432.0 | 433.0 | 434.0 | 433.5 | 433.0 | 32.5° | 456.8 | 716.1 | 997.4 | 1236.1 |
| 447.0 | 448.0 | 452.0 | 453.0 | 453.5 | 454.0 | 453.0 | 452.0 | 35° | 434.8 | 727.7 | 1046.4 | 1309.6 |
| 464.0 | 465.0 | 469.0 | 470.0 | 470.5 | 471.0 | 470.0 | 469.0 | 37.5° | 411.6 | 729.0 | 1092.9 | 1387.0 |
| 483.0 | 482.0 | 485.0 | 486.0 | 486.5 | 487.0 | 486.5 | 486.0 | 40° | 398.7 | 723.8 | 1140.6 | 1482.5 |
| 502.0 | 501.0 | 503.0 | 503.0 | 503.5 | 504.0 | 503.5 | 503.0 | 42.5° | 393.5 | 714.8 | 1175.4 | 1554.8 |
| 517.0 | 516.0 | 519.0 | 519.0 | 519.0 | 519.0 | 518.0 | 517.0 | 45° | 393.5 | 705.8 | 1207.7 | 1609.0 |
| 529.0 | 529.0 | 532.0 | 532.0 | 532.0 | 532.0 | 531.0 | 530.0 | 47.5° | 394.8 | 709.6 | 1246.4 | 1696.7 |
| 539.0 | 538.0 | 541.0 | 541.0 | 541.5 | 542.0 | 541.0 | 540.0 | 50° | 401.3 | 753.5 | 1312.2 | 1793.5 |
| 549.0 | 548.0 | 552.0 | 552.0 | 552.5 | 553.0 | 551.5 | 550.0 | 52.5° | 411.6 | 823.2 | 1425.7 | 1908.3 |
| 559.0 | 558.0 | 561.0 | 560.0 | 560.0 | 560.0 | 559.0 | 558.0 | 55° | 421.9 | 894.2 | 1574.1 | 2100.5 |
| 566.0 | 565.0 | 567.0 | 566.0 | 565.5 | 565.0 | 564.5 | 564.0 | 57.5° | 430.9 | 947.1 | 1718.6 | 2291.5 |
| 569.0 | 567.0 | 569.0 | 568.0 | 568.5 | 569.0 | 568.0 | 567.0 | 60° | 440.0 | 988.3 | 1802.5 | 2376.7 |
| 570.0 | 569.0 | 572.0 | 572.0 | 572.5 | 573.0 | 571.5 | 570.0 | 62.5° | 434.8 | 972.9 | 1825.7 | 2334.1 |
| 575.0 | 574.0 | 578.0 | 577.0 | 577.0 | 577.0 | 575.5 | 574.0 | 65° | 415.5 | 891.6 | 1752.2 | 2187.0 |
| 576.0 | 576.0 | 576.0 | 576.0 | 576.0 | 576.0 | 576.0 | 576.0 | 67.5° | 362.6 | 749.6 | 1526.4 | 1954.7 |
| | | | | | | | | 70° | 300.6 | 588.4 | 1245.1 | 1664.4 |
| | | | | | | | | 72.5° | 252.9 | 440.0 | 957.4 | 1289.0 |
| | | | | | | | | 75° | 210.3 | 311.0 | 673.5 | 887.7 |
| | | | | | | | | 77.5° | 156.1 | 211.6 | 487.7 | 620.6 |
| | | | | | | | | 80° | 104.5 | 130.3 | 311.0 | 433.5 |
| | | | | | | | | 82.5° | 63.2 | 76.1 | 179.3 | 303.2 |
| | | | | | | | | 85° | 34.8 | 47.7 | 109.7 | 198.7 |
| | | | | | | | | 87.5° | 9.0 | 10.3 | 24.5 | 9.0 |
| | | | | | | | | 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° | 6.0 | 5.0 | 4.5 | 4.0 |
| | | | | | | | | 100° | 28.5 | 27.0 | 26.5 | 26.0 |
| | | | | | | | | 102.5° | 49.0 | 48.0 | 48.5 | 49.0 |
| | | | | | | | | 105° | 70.0 | 69.0 | 70.0 | 71.0 |
| | | | | | | | | 107.5° | 91.5 | 91.0 | 91.5 | 92.0 |
| | | | | | | | | 110° | 113.5 | 113.0 | 113.5 | 114.0 |

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CATALOG NUMBER: ISS-AF-600-LED-E1-SLR-7050-ULG

JLG

CANDELA DISTRIBUTION (continued):

| 270° | 275° | 280° | 285° | 290° | 295° | 300° | | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|
| 901.9 | 901.9 | 901.9 | 901.9 | 901.9 | 901.9 | 901.9 | 112.5° | 135.5 | 135.0 | 136.0 | 137.0 | 135.0 |
| 1002.5 | 1012.9 | 1025.8 | 1025.8 | 1041.2 | 1046.4 | 1056.7 | 115° | 158.0 | 158.0 | 159.0 | 160.0 | 159.0 |
| 1018.0 | 1052.9 | 1085.1 | 1103.2 | 1134.1 | 1154.8 | 1175.4 | 117.5° | 180.5 | 180.0 | 181.0 | 182.0 | 180.0 |
| 954.8 | 1011.6 | 1064.5 | 1113.5 | 1165.1 | 1209.0 | 1241.2 | 120° | 204.0 | 204.0 | 205.0 | 206.0 | 204.0 |
| 870.9 | 931.6 | 996.1 | 1061.9 | 1123.8 | 1185.8 | 1238.7 | 122.5° | 228.5 | 229.0 | 231.0 | 233.0 | 232.0 |
| 811.6 | 876.1 | 952.2 | 1009.0 | 1073.5 | 1135.4 | 1187.0 | 125° | 254.0 | 254.0 | 255.5 | 257.0 | 256.0 |
| 784.5 | 850.3 | 921.2 | 979.3 | 1040.0 | 1090.3 | 1126.4 | 127.5° | 277.5 | 278.0 | 279.5 | 281.0 | 278.0 |
| 798.7 | 878.7 | 941.9 | 990.9 | 1036.1 | 1059.3 | 1064.5 | 130° | 301.5 | 302.0 | 303.5 | 305.0 | 303.0 |
| 860.6 | 944.5 | 990.9 | 1023.2 | 1030.9 | 1029.6 | 1010.3 | 132.5° | 325.5 | 326.0 | 327.5 | 329.0 | 327.0 |
| 957.4 | 1055.4 | 1087.7 | 1081.2 | 1049.0 | 1007.7 | 975.4 | 135° | 348.5 | 349.0 | 350.0 | 351.0 | 350.0 |
| 1087.7 | 1185.8 | 1203.8 | 1167.7 | 1095.4 | 1015.4 | 961.2 | 137.5° | 369.5 | 370.0 | 372.0 | 374.0 | 372.0 |
| 1224.5 | 1325.1 | 1318.6 | 1264.5 | 1161.2 | 1049.0 | 962.5 | 140° | 391.0 | 392.0 | 394.0 | 396.0 | 394.0 |
| 1321.2 | 1405.1 | 1379.3 | 1298.0 | 1183.2 | 1070.9 | 979.3 | 142.5° | 412.5 | 413.0 | 414.5 | 416.0 | 415.0 |
| 1421.9 | 1485.1 | 1438.6 | 1350.9 | 1232.2 | 1117.4 | 1023.2 | 145° | 433.5 | 434.0 | 435.5 | 437.0 | 435.0 |
| 1530.3 | 1563.8 | 1489.0 | 1399.9 | 1291.6 | 1175.4 | 1073.5 | 147.5° | 452.5 | 453.0 | 454.5 | 456.0 | 453.0 |
| 1634.8 | 1649.0 | 1540.6 | 1445.1 | 1339.3 | 1234.8 | 1141.9 | 150° | 469.0 | 469.0 | 471.0 | 473.0 | 470.0 |
| 1747.0 | 1727.7 | 1594.8 | 1482.5 | 1378.0 | 1298.0 | 1221.9 | 152.5° | 486.0 | 486.0 | 487.5 | 489.0 | 486.0 |
| 1843.8 | 1801.2 | 1645.1 | 1519.9 | 1425.7 | 1358.6 | 1305.7 | 155° | 503.5 | 504.0 | 505.5 | 507.0 | 505.0 |
| 1916.0 | 1860.6 | 1692.8 | 1556.1 | 1472.2 | 1430.9 | 1405.1 | 157.5° | 517.5 | 518.0 | 520.5 | 523.0 | 520.0 |
| 1978.0 | 1917.3 | 1730.2 | 1609.0 | 1536.7 | 1521.2 | 1530.3 | 160° | 530.0 | 530.0 | 531.5 | 533.0 | 531.0 |
| 2055.4 | 1978.0 | 1780.6 | 1668.3 | 1624.4 | 1639.9 | 1691.5 | 162.5° | 539.0 | 538.0 | 539.0 | 540.0 | 537.0 |
| 2175.4 | 2074.7 | 1864.4 | 1753.5 | 1732.8 | 1788.3 | 1886.4 | 165° | 549.0 | 548.0 | 549.0 | 550.0 | 548.0 |
| 2368.9 | 2250.2 | 2012.8 | 1901.8 | 1877.3 | 1962.5 | 2103.1 | 167.5° | 558.5 | 559.0 | 561.0 | 563.0 | 561.0 |
| 2536.7 | 2446.3 | 2208.9 | 2074.7 | 2064.4 | 2156.0 | 2309.6 | 170° | 565.0 | 566.0 | 568.5 | 571.0 | 569.0 |
| 2612.8 | 2603.8 | 2411.5 | 2287.6 | 2272.2 | 2357.3 | 2503.1 | 172.5° | 567.5 | 568.0 | 569.5 | 571.0 | 568.0 |
| 2606.3 | 2681.2 | 2576.7 | 2488.9 | 2436.0 | 2507.0 | 2648.9 | 175° | 569.0 | 568.0 | 569.5 | 571.0 | 568.0 |
| 2512.1 | 2634.7 | 2643.7 | 2623.1 | 2527.6 | 2532.8 | 2633.4 | 177.5° | 574.0 | 574.0 | 575.5 | 577.0 | 574.0 |
| 2327.6 | 2473.4 | 2625.7 | 2619.2 | 2497.9 | 2390.9 | 2411.5 | 180° | 576.0 | 576.0 | 576.0 | 576.0 | 576.0 |
| 2065.7 | 2190.9 | 2433.4 | 2482.5 | 2309.6 | 2109.6 | 2015.4 | | | | | | |
| 1655.4 | 1801.2 | 2161.2 | 2229.6 | 1993.5 | 1712.2 | 1566.4 | | | | | | |
| 1141.9 | 1334.1 | 1886.4 | 1892.8 | 1618.0 | 1347.0 | 1189.6 | | | | | | |
| 784.5 | 949.6 | 1525.1 | 1541.9 | 1283.8 | 1021.9 | 886.4 | | | | | | |
| 527.7 | 636.1 | 1118.7 | 1047.7 | 847.7 | 708.4 | 673.5 | | | | | | |
| 332.9 | 396.1 | 703.2 | 656.7 | 558.7 | 510.9 | 523.8 | | | | | | |
| 154.8 | 216.8 | 384.5 | 375.5 | 352.2 | 308.4 | 268.4 | | | | | | |
| 3.9 | 11.6 | 74.8 | 49.0 | 49.0 | 28.4 | 10.3 | | | | | | |
| 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 | | | | | | |
| 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | | | | | | |
| 4.0 | 4.0 | 4.5 | 5.0 | 6.0 | 7.0 | 10.0 | | | | | | |
| 25.0 | 26.0 | 26.5 | 27.0 | 28.5 | 30.0 | 31.0 | | | | | | |
| 48.0 | 49.0 | 48.5 | 48.0 | 49.0 | 50.0 | 50.5 | | | | | | |
| 69.0 | 71.0 | 70.0 | 69.0 | 70.0 | 71.0 | 71.0 | | | | | | |
| 91.0 | 92.0 | 91.5 | 91.0 | 91.5 | 92.0 | 92.5 | | | | | | |
| 113.0 | 114.0 | 113.5 | 113.0 | 113.5 | 114.0 | 114.0 | | | | | | |



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CANDELA DISTRIBUTION (continued):

| 275° | 280° | 285° | 290° | 295° | 300° | | 305° | 310° | 315° | 325° | 335° | 340° |
|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|
| 137.0 | 136.0 | 135.0 | 135.5 | 136.0 | 136.0 | 0° | 901.9 | 901.9 | 901.9 | 901.9 | 901.9 | 901.9 |
| 160.0 | 159.0 | 158.0 | 158.0 | 158.0 | 158.0 | 2.5° | 1047.7 | 1051.6 | 1050.3 | 1041.2 | 1018.0 | 1009.0 |
| 182.0 | 181.0 | 180.0 | 180.5 | 181.0 | 180.5 | 5° | 1174.1 | 1180.6 | 1172.8 | 1150.9 | 1091.6 | 1063.2 |
| 206.0 | 205.0 | 204.0 | 204.0 | 204.0 | 204.0 | 7.5° | 1263.2 | 1268.3 | 1255.4 | 1205.1 | 1099.3 | 1051.6 |
| 233.0 | 231.0 | 229.0 | 228.5 | 228.0 | 228.0 | 10° | 1279.9 | 1291.6 | 1277.4 | 1205.1 | 1082.5 | 1023.2 |
| 257.0 | 255.5 | 254.0 | 254.0 | 254.0 | 253.5 | 12.5° | 1232.2 | 1256.7 | 1246.4 | 1193.5 | 1074.8 | 1011.6 |
| 281.0 | 279.5 | 278.0 | 277.5 | 277.0 | 277.5 | 15° | 1158.7 | 1161.2 | 1167.7 | 1166.4 | 1060.6 | 998.7 |
| 305.0 | 303.5 | 302.0 | 301.5 | 301.0 | 301.0 | 17.5° | 1077.4 | 1074.8 | 1082.5 | 1107.0 | 1056.7 | 1007.7 |
| 329.0 | 327.5 | 326.0 | 325.5 | 325.0 | 325.0 | 20° | 1003.8 | 1000.0 | 1007.7 | 1032.2 | 1041.2 | 1029.6 |
| 351.0 | 350.0 | 349.0 | 348.5 | 348.0 | 348.0 | 22.5° | 957.4 | 944.5 | 943.2 | 979.3 | 1049.0 | 1080.0 |
| 374.0 | 372.0 | 370.0 | 369.5 | 369.0 | 369.0 | 25° | 931.6 | 917.4 | 923.8 | 965.1 | 1081.2 | 1139.3 |
| 396.0 | 394.0 | 392.0 | 391.0 | 390.0 | 390.0 | 27.5° | 923.8 | 908.3 | 917.4 | 963.8 | 1114.8 | 1211.6 |
| 416.0 | 414.5 | 413.0 | 412.5 | 412.0 | 412.0 | 30° | 929.0 | 913.5 | 917.4 | 972.9 | 1131.6 | 1228.3 |
| 437.0 | 435.5 | 434.0 | 433.5 | 433.0 | 433.5 | 32.5° | 958.7 | 931.6 | 929.0 | 1000.0 | 1162.5 | 1265.7 |
| 456.0 | 454.5 | 453.0 | 452.5 | 452.0 | 453.0 | 35° | 998.7 | 960.0 | 954.8 | 1043.8 | 1202.5 | 1313.5 |
| 473.0 | 471.0 | 469.0 | 469.0 | 469.0 | 470.0 | 37.5° | 1065.8 | 1018.0 | 1010.3 | 1117.4 | 1256.7 | 1353.5 |
| 489.0 | 487.5 | 486.0 | 486.0 | 486.0 | 486.5 | 40° | 1156.1 | 1108.3 | 1108.3 | 1211.6 | 1330.3 | 1409.0 |
| 507.0 | 505.5 | 504.0 | 503.5 | 503.0 | 503.5 | 42.5° | 1258.0 | 1227.0 | 1232.2 | 1325.1 | 1414.1 | 1478.6 |
| 523.0 | 520.5 | 518.0 | 517.5 | 517.0 | 518.0 | 45° | 1393.5 | 1376.7 | 1402.5 | 1468.3 | 1499.3 | 1543.2 |
| 533.0 | 531.5 | 530.0 | 530.0 | 530.0 | 531.0 | 47.5° | 1552.2 | 1566.4 | 1602.5 | 1623.2 | 1585.7 | 1609.0 |
| 540.0 | 539.0 | 538.0 | 539.0 | 540.0 | 541.0 | 50° | 1750.9 | 1788.3 | 1823.1 | 1818.0 | 1692.8 | 1685.1 |
| 550.0 | 549.0 | 548.0 | 549.0 | 550.0 | 551.5 | 52.5° | 1979.3 | 2028.3 | 2052.8 | 2024.4 | 1812.8 | 1767.7 |
| 563.0 | 561.0 | 559.0 | 558.5 | 558.0 | 559.0 | 55° | 2211.5 | 2270.9 | 2263.1 | 2230.9 | 1943.1 | 1882.5 |
| 571.0 | 568.5 | 566.0 | 565.0 | 564.0 | 564.5 | 57.5° | 2421.8 | 2468.3 | 2488.9 | 2419.2 | 2101.8 | 2021.8 |
| 571.0 | 569.5 | 568.0 | 567.5 | 567.0 | 568.0 | 60° | 2588.3 | 2638.6 | 2638.6 | 2570.2 | 2274.7 | 2181.8 |
| 571.0 | 569.5 | 568.0 | 569.0 | 570.0 | 571.5 | 62.5° | 2709.6 | 2749.6 | 2735.4 | 2669.6 | 2423.1 | 2352.2 |
| 577.0 | 575.5 | 574.0 | 574.0 | 574.0 | 575.5 | 65° | 2700.5 | 2704.4 | 2688.9 | 2664.4 | 2512.1 | 2504.4 |
| 576.0 | 576.0 | 576.0 | 576.0 | 576.0 | 576.0 | 67.5° | 2446.3 | 2447.6 | 2478.6 | 2468.3 | 2445.0 | 2540.5 |
| | | | | | | 70° | 2005.1 | 2025.7 | 2078.6 | 2063.1 | 2181.8 | 2378.0 |
| | | | | | | 72.5° | 1526.4 | 1539.3 | 1602.5 | 1588.3 | 1749.6 | 1965.1 |
| | | | | | | 75° | 1110.9 | 1109.6 | 1136.7 | 1116.1 | 1319.9 | 1559.9 |
| | | | | | | 77.5° | 855.4 | 832.2 | 827.1 | 829.6 | 935.4 | 1134.1 |
| | | | | | | 80° | 690.3 | 690.3 | 682.5 | 654.2 | 572.9 | 663.2 |
| | | | | | | 82.5° | 550.9 | 529.0 | 490.3 | 434.8 | 367.7 | 392.2 |
| | | | | | | 85° | 274.8 | 267.1 | 233.5 | 193.5 | 161.3 | 214.2 |
| | | | | | | 87.5° | 1.3 | 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 | 11.0 | 9.0 | 4.0 | 3.0 | 2.5 |
| | | | | | | 100° | 32.0 | 31.0 | 30.0 | 22.0 | 14.0 | 12.0 |
| | | | | | | 102.5° | 51.0 | 50.5 | 50.0 | 45.0 | 38.0 | 35.0 |
| | | | | | | 105° | 71.0 | 70.5 | 70.0 | 66.0 | 61.0 | 58.5 |
| | | | | | | 107.5° | 93.0 | 92.0 | 91.0 | 88.0 | 84.0 | 82.0 |
| | | | | | | 110° | 114.0 | 113.0 | 112.0 | 110.0 | 106.0 | 104.5 |

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CATALOG NUMBER: ISS-AF-600-LED-E1-SLR-7050-ULG

CANDELA DISTRIBUTION (continued):

| 342.5° | 345° | 347.5° | 350° | 352.5° | | 305° | 310° | 315° | 325° | 335° | 340° | 342.5° |
|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|--------|
| 901.9 | 901.9 | 901.9 | 901.9 | 901.9 | 112.5° | 136.0 | 135.0 | 134.0 | 132.0 | 129.0 | 127.5 | 126.8 |
| 1005.1 | 994.8 | 983.2 | 983.2 | 972.9 | 115° | 158.0 | 157.0 | 156.0 | 154.0 | 151.0 | 150.0 | 149.5 |
| 1046.4 | 1025.8 | 1009.0 | 993.5 | 978.0 | 117.5° | 180.0 | 179.5 | 179.0 | 177.0 | 174.0 | 173.0 | 172.5 |
| 1025.8 | 1001.2 | 980.6 | 953.5 | 929.0 | 120° | 204.0 | 203.0 | 202.0 | 201.0 | 198.0 | 197.0 | 196.5 |
| 994.8 | 967.7 | 938.0 | 909.6 | 874.8 | 122.5° | 228.0 | 227.5 | 227.0 | 226.0 | 223.0 | 222.0 | 221.5 |
| 978.0 | 945.8 | 909.6 | 880.0 | 840.0 | 125° | 253.0 | 252.5 | 252.0 | 251.0 | 248.0 | 247.5 | 247.2 |
| 965.1 | 931.6 | 899.3 | 870.9 | 836.1 | 127.5° | 278.0 | 277.0 | 276.0 | 274.0 | 272.0 | 271.0 | 270.5 |
| 985.8 | 953.5 | 930.3 | 898.0 | 870.9 | 130° | 301.0 | 300.0 | 299.0 | 298.0 | 294.0 | 293.5 | 293.2 |
| 1020.6 | 1001.2 | 983.2 | 962.5 | 940.6 | 132.5° | 325.0 | 323.5 | 322.0 | 321.0 | 318.0 | 317.5 | 317.2 |
| 1086.4 | 1083.8 | 1082.5 | 1067.0 | 1051.6 | 135° | 348.0 | 346.5 | 345.0 | 345.0 | 341.0 | 340.0 | 339.5 |
| 1169.0 | 1179.3 | 1193.5 | 1193.5 | 1193.5 | 137.5° | 369.0 | 368.0 | 367.0 | 367.0 | 364.0 | 363.5 | 363.2 |
| 1254.1 | 1279.9 | 1307.0 | 1318.6 | 1326.4 | 140° | 390.0 | 389.5 | 389.0 | 388.0 | 386.0 | 385.5 | 385.2 |
| 1278.7 | 1316.1 | 1358.6 | 1387.0 | 1406.4 | 142.5° | 412.0 | 411.0 | 410.0 | 410.0 | 407.0 | 407.5 | 407.8 |
| 1318.6 | 1361.2 | 1409.0 | 1441.2 | 1476.1 | 145° | 434.0 | 433.0 | 432.0 | 431.0 | 428.0 | 428.0 | 428.0 |
| 1366.4 | 1403.8 | 1452.8 | 1496.7 | 1547.0 | 147.5° | 454.0 | 453.5 | 453.0 | 452.0 | 448.0 | 447.5 | 447.2 |
| 1406.4 | 1455.4 | 1508.3 | 1565.1 | 1629.6 | 150° | 471.0 | 470.5 | 470.0 | 469.0 | 465.0 | 464.5 | 464.2 |
| 1467.0 | 1518.6 | 1576.7 | 1652.8 | 1731.5 | 152.5° | 487.0 | 486.5 | 486.0 | 485.0 | 482.0 | 482.5 | 482.8 |
| 1534.1 | 1589.6 | 1650.2 | 1726.4 | 1818.0 | 155° | 504.0 | 503.5 | 503.0 | 503.0 | 501.0 | 501.5 | 501.8 |
| 1592.2 | 1641.2 | 1707.0 | 1785.7 | 1890.2 | 157.5° | 519.0 | 519.0 | 519.0 | 519.0 | 516.0 | 516.5 | 516.8 |
| 1647.7 | 1692.8 | 1770.2 | 1850.2 | 1953.5 | 160° | 532.0 | 532.0 | 532.0 | 532.0 | 529.0 | 529.0 | 529.0 |
| 1721.2 | 1756.0 | 1833.5 | 1925.1 | 2034.7 | 162.5° | 542.0 | 541.5 | 541.0 | 541.0 | 538.0 | 538.5 | 538.8 |
| 1797.3 | 1845.1 | 1930.2 | 2034.7 | 2157.3 | 165° | 553.0 | 552.5 | 552.0 | 552.0 | 548.0 | 548.5 | 548.8 |
| 1900.6 | 1957.3 | 2061.8 | 2180.5 | 2335.4 | 167.5° | 560.0 | 560.0 | 560.0 | 561.0 | 558.0 | 558.5 | 558.8 |
| 2042.5 | 2101.8 | 2212.8 | 2345.7 | 2504.4 | 170° | 565.0 | 565.5 | 566.0 | 567.0 | 565.0 | 565.5 | 565.8 |
| 2216.7 | 2274.7 | 2370.2 | 2501.8 | 2650.2 | 172.5° | 569.0 | 568.5 | 568.0 | 569.0 | 567.0 | 568.0 | 568.5 |
| 2379.2 | 2459.2 | 2545.7 | 2643.7 | 2761.2 | 175° | 573.0 | 572.5 | 572.0 | 572.0 | 569.0 | 569.5 | 569.8 |
| 2556.0 | 2617.9 | 2690.2 | 2727.6 | 2793.4 | 177.5° | 577.0 | 577.0 | 577.0 | 578.0 | 574.0 | 574.5 | 574.8 |
| 2607.6 | 2659.2 | 2722.5 | 2722.5 | 2714.7 | 180° | 576.0 | 576.0 | 576.0 | 576.0 | 576.0 | 576.0 | 576.0 |
| 2455.4 | 2534.1 | 2589.6 | 2589.6 | 2523.8 | | | | | | | | |
| 2135.4 | 2267.0 | 2321.2 | 2354.7 | 2270.9 | | | | | | | | |
| 1735.4 | 1899.3 | 1988.3 | 2016.7 | 1864.4 | | | | | | | | |
| 1273.5 | 1378.0 | 1389.6 | 1393.5 | 1188.3 | | | | | | | | |
| 734.2 | 816.7 | 846.4 | 889.0 | 712.2 | | | | | | | | |
| 425.8 | 456.8 | 507.1 | 525.1 | 433.5 | | | | | | | | |
| 238.7 | 241.3 | 241.3 | 223.2 | 181.9 | | | | | | | | |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | | | | | | |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | | | | | | |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | | | | | | |
| 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | | | | | | | | |
| 2.2 | 2.0 | 2.0 | 2.0 | 2.0 | | | | | | | | |
| 11.0 | 10.0 | 9.5 | 9.0 | 8.5 | | | | | | | | |
| 33.5 | 32.0 | 31.0 | 30.0 | 29.0 | | | | | | | | |
| 57.2 | 56.0 | 55.5 | 55.0 | 54.5 | | | | | | | | |
| 81.0 | 80.0 | 79.2 | 78.5 | 77.8 | | | | | | | | |
| 103.8 | 103.0 | 102.8 | 102.5 | 102.2 | | | | | | | | |

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CANDELA DISTRIBUTION (continued):

| 345° | 347.5° | 350° | 352.5° | | 355° | 359° | 360° |
|-------|--------|-------|--------|--------|--------|--------|--------|
| 126.0 | 125.5 | 125.0 | 124.5 | 0° | 901.9 | 901.9 | 901.9 |
| 149.0 | 148.5 | 148.0 | 147.5 | 2.5° | 970.3 | 954.8 | 957.4 |
| 172.0 | 171.5 | 171.0 | 170.5 | 5° | 956.1 | 934.2 | 926.4 |
| 196.0 | 195.8 | 195.5 | 195.2 | 7.5° | 907.1 | 869.6 | 858.0 |
| 221.0 | 220.8 | 220.5 | 220.2 | 10° | 847.7 | 800.0 | 790.9 |
| 247.0 | 246.8 | 246.5 | 246.2 | 12.5° | 814.2 | 760.0 | 748.4 |
| 270.0 | 269.8 | 269.5 | 269.2 | 15° | 803.8 | 752.2 | 739.3 |
| 293.0 | 292.8 | 292.5 | 292.2 | 17.5° | 834.8 | 779.3 | 763.8 |
| 317.0 | 316.2 | 315.5 | 314.8 | 20° | 905.8 | 840.0 | 821.9 |
| 339.0 | 338.5 | 338.0 | 337.5 | 22.5° | 1011.6 | 936.7 | 914.8 |
| 363.0 | 362.2 | 361.5 | 360.8 | 25° | 1154.8 | 1069.6 | 1047.7 |
| 385.0 | 384.5 | 384.0 | 383.5 | 27.5° | 1301.9 | 1199.9 | 1171.6 |
| 408.0 | 407.5 | 407.0 | 406.5 | 30° | 1387.0 | 1292.8 | 1264.5 |
| 428.0 | 427.5 | 427.0 | 426.5 | 32.5° | 1473.5 | 1383.2 | 1349.6 |
| 447.0 | 446.2 | 445.5 | 444.8 | 35° | 1565.1 | 1473.5 | 1439.9 |
| 464.0 | 463.5 | 463.0 | 462.5 | 37.5° | 1672.2 | 1594.8 | 1565.1 |
| 483.0 | 482.2 | 481.5 | 480.8 | 40° | 1799.9 | 1729.0 | 1686.4 |
| 502.0 | 501.5 | 501.0 | 500.5 | 42.5° | 1905.7 | 1839.9 | 1799.9 |
| 517.0 | 516.5 | 516.0 | 515.5 | 45° | 1983.1 | 1927.7 | 1886.4 |
| 529.0 | 528.5 | 528.0 | 527.5 | 47.5° | 2054.1 | 2011.5 | 1970.2 |
| 539.0 | 538.2 | 537.5 | 536.8 | 50° | 2143.1 | 2107.0 | 2078.6 |
| 549.0 | 548.5 | 548.0 | 547.5 | 52.5° | 2263.1 | 2250.2 | 2225.7 |
| 559.0 | 558.2 | 557.5 | 556.8 | 55° | 2439.9 | 2468.3 | 2433.4 |
| 566.0 | 565.2 | 564.5 | 563.8 | 57.5° | 2607.6 | 2628.3 | 2612.8 |
| 569.0 | 568.2 | 567.5 | 566.8 | 60° | 2739.2 | 2710.8 | 2691.5 |
| 570.0 | 569.8 | 569.5 | 569.2 | 62.5° | 2806.3 | 2736.6 | 2704.4 |
| 575.0 | 574.5 | 574.0 | 573.5 | 65° | 2810.2 | 2703.1 | 2654.1 |
| 576.0 | 576.0 | 576.0 | 576.0 | 67.5° | 2722.5 | 2597.3 | 2540.5 |
| | | | | 70° | 2486.3 | 2341.8 | 2267.0 |
| | | | | 72.5° | 2088.9 | 1867.0 | 1816.7 |
| | | | | 75° | 1531.5 | 1259.3 | 1229.6 |
| | | | | 77.5° | 927.7 | 723.8 | 685.1 |
| | | | | 80° | 522.6 | 415.5 | 402.6 |
| | | | | 82.5° | 296.8 | 233.5 | 246.4 |
| | | | | 85° | 121.3 | 60.6 | 67.1 |
| | | | | 87.5° | 0.0 | 0.0 | 0.0 |
| | | | | 90° | 0.0 | 0.0 | 0.0 |
| | | | | 92.5° | 0.0 | 0.0 | 0.0 |
| | | | | 95° | 1.0 | 1.0 | 1.0 |
| | | | | 97.5° | 2.0 | 2.0 | 2.0 |
| | | | | 100° | 8.0 | 8.0 | 8.0 |
| | | | | 102.5° | 28.0 | 28.0 | 28.0 |
| | | | | 105° | 54.0 | 54.0 | 54.0 |
| | | | | 107.5° | 77.0 | 77.8 | 78.0 |
| | | | | 110° | 102.0 | 101.2 | 101.0 |

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| | 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 |

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