

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: P271666

Luminaire Tested: **IST-AF-1000-LED-E1-SLR-7027**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P271666  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P35948)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: IST-AF-1000-LED-E1-SLR-7027  
Description: IMPACT ELITE LED TRAPEZOID LUMINAIRE  
LIGHT SQUARE WITH ACCULED OPTICS-90° SPILL LIGHT ELIMINATOR RIGHT  
Light Source: (16) 2700K CCT, 70 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4536.5 lumens  
Efficiency: N/A  
Efficacy: 83.1 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
IES Classification: Type IV - Short - Non-Cutoff  
BUG Rating: B1 - U1 - G2

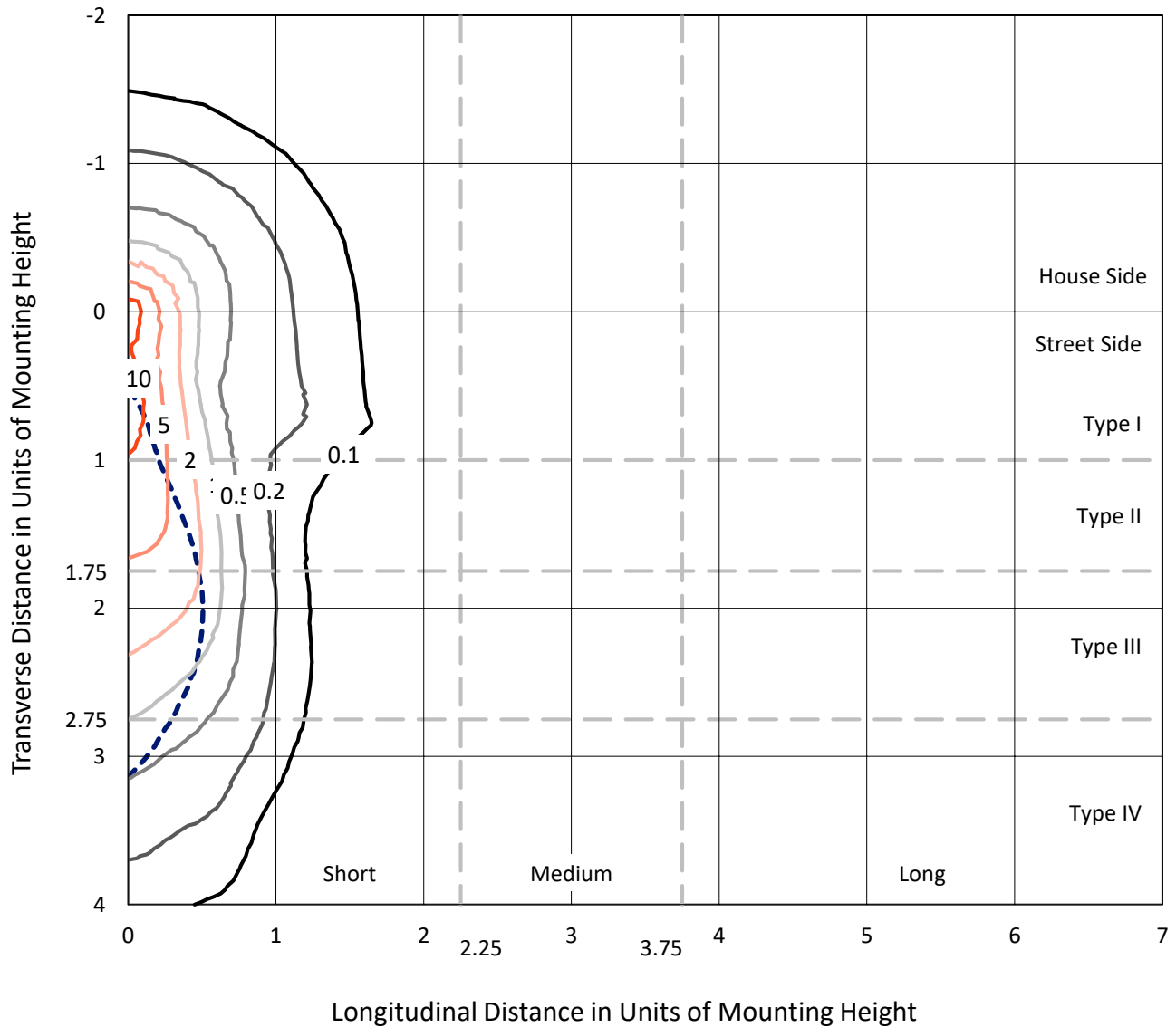
Input Watts (W): 54.6  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



REPORT NUMBER: P271666  
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### Iso-Footcandle Lines of Horizontal Illumination

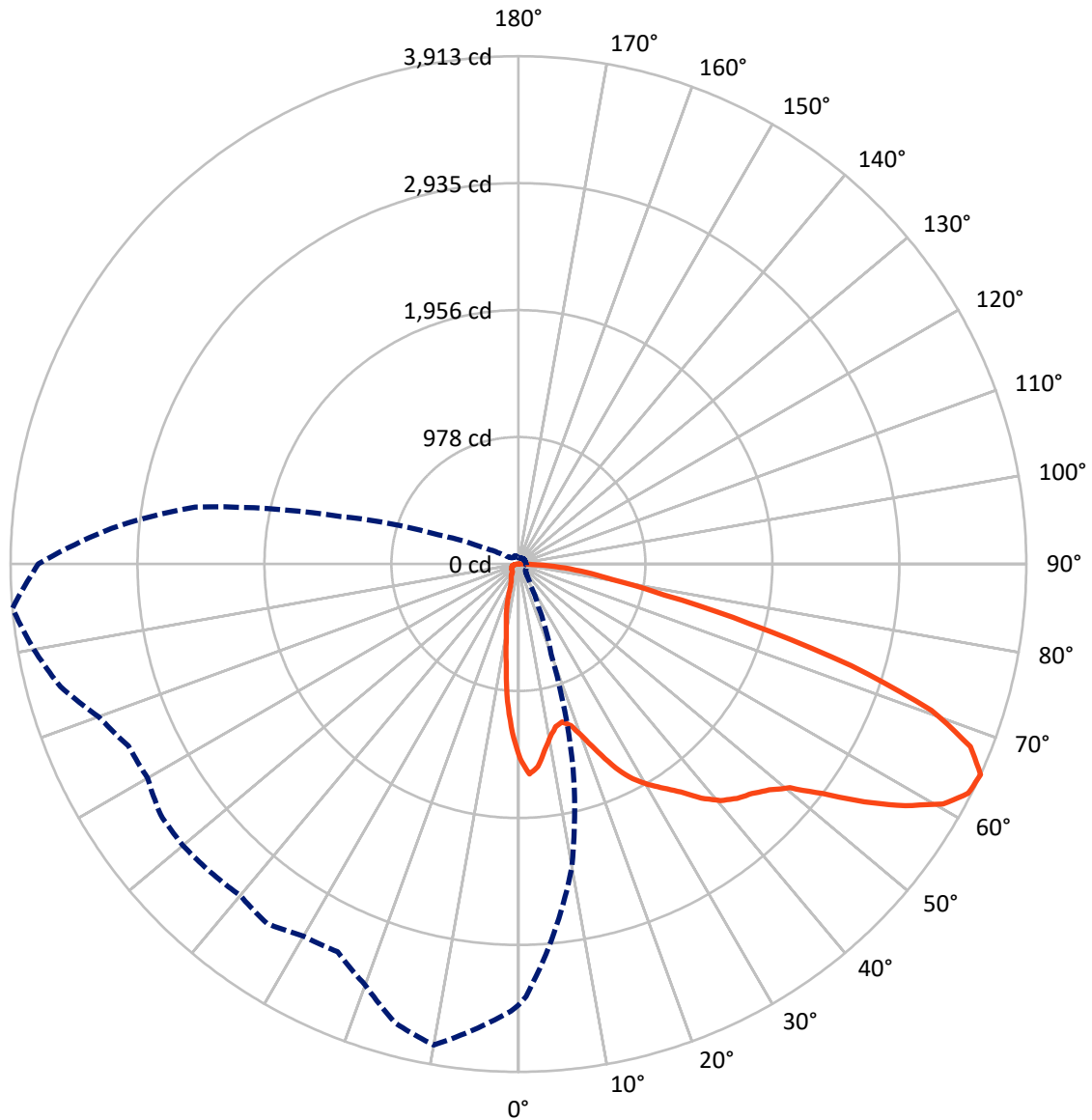
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 15 fc  
 Type IV - Short - Non-Cutoff

REPORT NUMBER: P271666  
CATALOG NUMBER: IST-AF-1000-LED-E1-SLR-7027

### Luminous Intensity Polar Plot



— Vertical Plane Through 275-Deg Lateral    - - - Horizontal Cone Through 65-Deg Vertical

REPORT NUMBER: P271666

CATALOG NUMBER: IST-AF-1000-LED-E1-SLR-7027

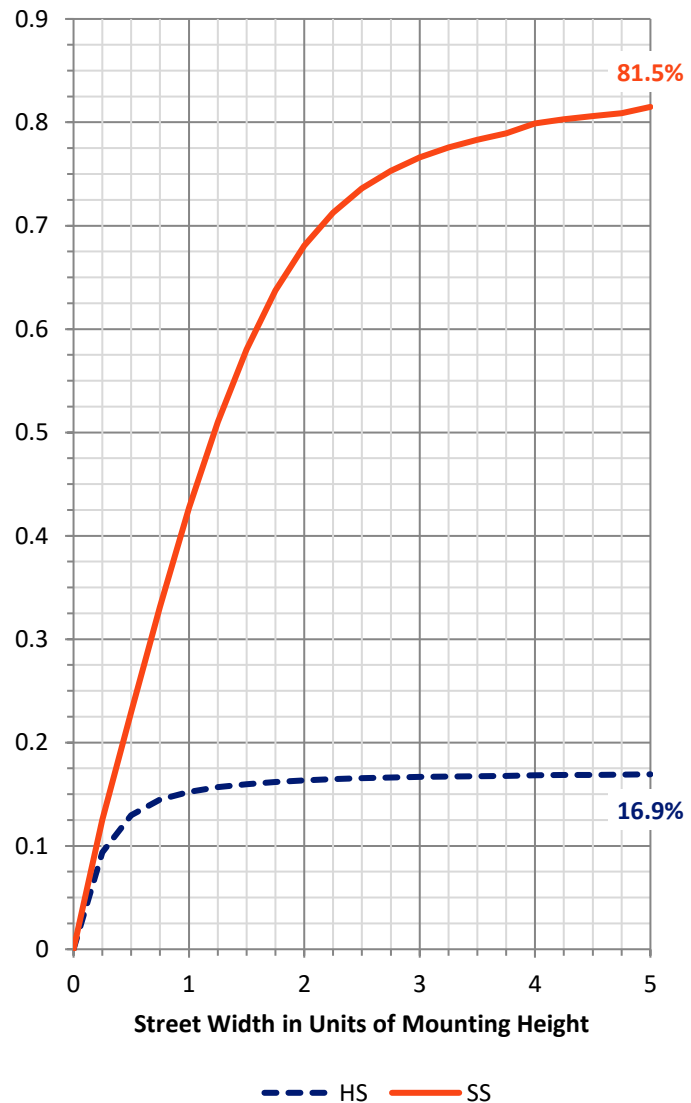
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 778.1    | 0.0    | 778.2  |
|                    | % Fixture | 17.2     | 0.0    | 17.2   |
| <b>Street Side</b> | Lumens    | 3758.2   | 0.2    | 3758.3 |
|                    | % Fixture | 82.8     | 0.0    | 82.8   |
| <b>Total</b>       | Lumens    | 4536.3   | 0.2    | 4536.5 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 111.0  | 2.4       |
| 10°-20°   | 213.6  | 4.7       |
| 20°-30°   | 304.6  | 6.7       |
| 30°-40°   | 441.9  | 9.7       |
| 40°-50°   | 632.2  | 13.9      |
| 50°-60°   | 970.7  | 21.4      |
| 60°-70°   | 1123.5 | 24.8      |
| 70°-80°   | 573.2  | 12.6      |
| 80°-90°   | 165.4  | 3.6       |
| 90°-100°  | 0.2    | 0.0       |
| 100°-110° | 0.0    | 0.0       |
| 110°-120° | 0.0    | 0.0       |
| 120°-130° | 0.0    | 0.0       |
| 130°-140° | 0.0    | 0.0       |
| 140°-150° | 0.0    | 0.0       |
| 150°-160° | 0.0    | 0.0       |
| 160°-170° | 0.0    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-90°    | 4536.3 | 100.0     |
| 0°-180°   | 4536.5 | 100.0     |



REPORT NUMBER: P271666

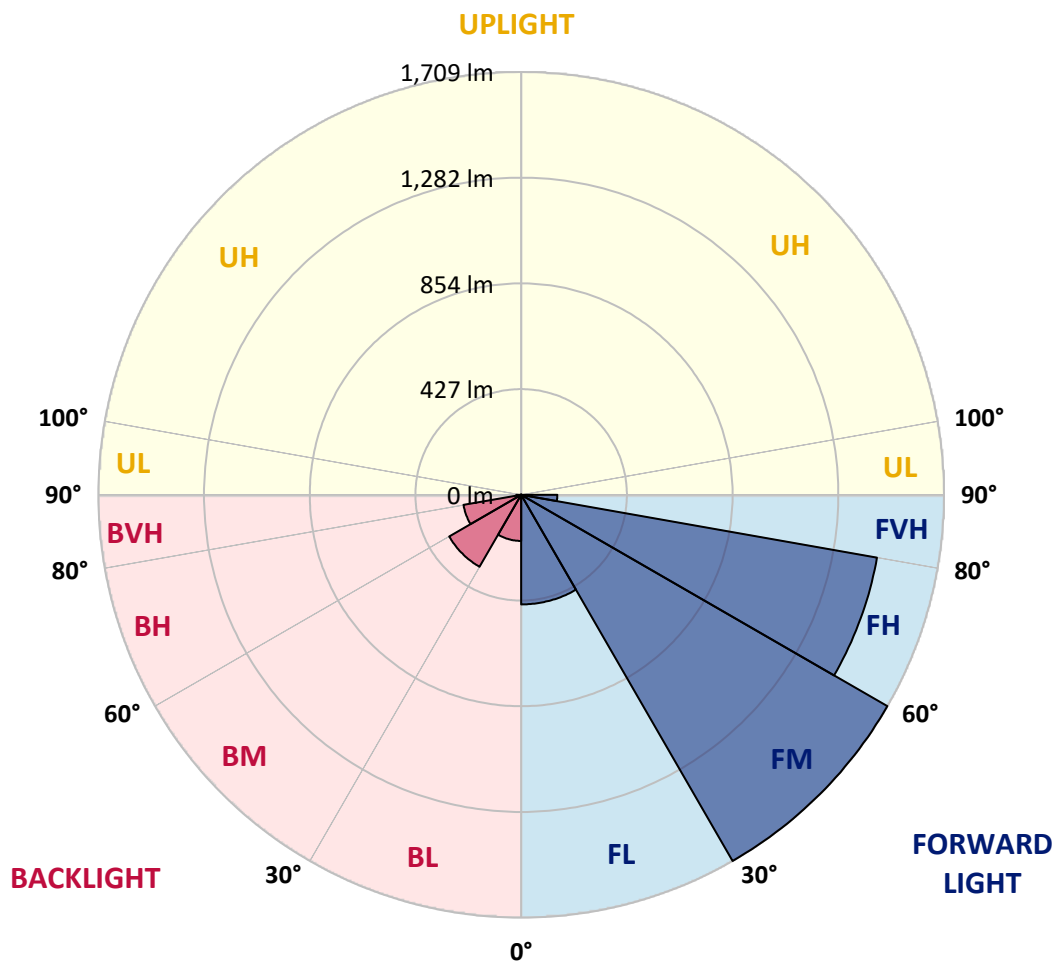
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone           | Lumens | % Fixture | Zone Rating/Lumen Limit |       |         |
|----------------|--------|-----------|-------------------------|-------|---------|
|                |        |           | B                       | U     | G       |
| FL (0°-30°)    | 443.0  | 9.8       |                         |       |         |
| FM (30°-60°)   | 1708.9 | 37.7      |                         |       |         |
| FH (60°-80°)   | 1460.1 | 32.2      |                         |       | G1/1800 |
| FVH (80°-90°)  | 146.2  | 3.2       |                         |       | G2/225  |
| BL (0°-30°)    | 186.3  | 4.1       | B1/500                  |       |         |
| BM (30°-60°)   | 336.0  | 7.4       | B1/1000                 |       |         |
| BH (60°-80°)   | 236.7  | 5.2       | B1/500                  |       | G1/500  |
| BVH (80°-90°)  | 19.2   | 0.4       |                         |       | G1/100  |
| UL (90°-100°)  | 0.2    | 0.0       |                         | U1/10 |         |
| UH (100°-180°) | 0.0    | 0.0       |                         | U1/10 |         |

**BUG Rating: B1-U1-G2**

Type IV Short





REPORT NUMBER: P271666

CATALOG NUMBER: IST-AF-1000-LED-E1-SLR-7027

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 1°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1498.7 | 1498.7 | 1498.7 | 1498.7 | 1498.7 | 1498.7 | 1498.7 | 1498.7 | 1498.7 | 1498.7 | 1498.7 |
| 2.5°   | 1551.4 | 1542.2 | 1530.7 | 1510.9 | 1493.3 | 1468.1 | 1462.0 | 1430.7 | 1410.9 | 1415.5 | 1379.5 |
| 5°     | 1456.7 | 1451.3 | 1423.2 | 1378.8 | 1349.8 | 1292.5 | 1259.7 | 1243.0 | 1195.6 | 1189.4 | 1176.5 |
| 7.5°   | 1323.8 | 1307.8 | 1262.0 | 1207.1 | 1157.5 | 1115.4 | 1062.8 | 1022.3 | 986.4  | 964.3  | 925.3  |
| 10°    | 1210.1 | 1193.3 | 1143.7 | 1076.5 | 1016.9 | 958.1  | 915.5  | 862.7  | 811.6  | 771.8  | 740.6  |
| 12.5°  | 1155.1 | 1136.7 | 1078.8 | 1000.9 | 934.5  | 861.1  | 800.9  | 749.0  | 720.7  | 700.9  | 674.9  |
| 15°    | 1176.5 | 1149.8 | 1080.3 | 987.1  | 904.8  | 826.8  | 762.8  | 707.0  | 673.4  | 642.8  | 612.4  |
| 17.5°  | 1262.7 | 1229.9 | 1150.5 | 1038.4 | 923.7  | 822.9  | 731.4  | 668.0  | 614.6  | 568.8  | 527.6  |
| 20°    | 1410.9 | 1386.4 | 1271.2 | 1113.9 | 965.0  | 825.4  | 704.7  | 621.4  | 556.6  | 498.5  | 443.5  |
| 22.5°  | 1584.3 | 1547.5 | 1434.5 | 1216.1 | 1017.7 | 839.1  | 687.9  | 582.6  | 505.5  | 427.5  | 367.9  |
| 25°    | 1765.9 | 1737.6 | 1588.0 | 1353.7 | 1098.6 | 867.3  | 674.9  | 548.1  | 445.1  | 358.9  | 293.2  |
| 27.5°  | 1912.5 | 1887.2 | 1739.2 | 1485.7 | 1172.6 | 891.7  | 655.9  | 515.4  | 397.1  | 293.2  | 220.6  |
| 30°    | 2032.3 | 2010.9 | 1856.0 | 1594.1 | 1262.7 | 900.1  | 629.2  | 477.2  | 343.5  | 236.6  | 182.4  |
| 32.5°  | 2166.7 | 2143.1 | 1968.3 | 1669.7 | 1303.2 | 892.5  | 598.6  | 441.2  | 300.8  | 209.1  | 156.6  |
| 35°    | 2314.0 | 2286.5 | 2093.4 | 1751.3 | 1336.9 | 865.8  | 572.6  | 415.4  | 280.2  | 190.1  | 139.0  |
| 37.5°  | 2445.4 | 2427.8 | 2206.3 | 1832.4 | 1374.9 | 821.5  | 547.3  | 387.1  | 266.4  | 176.3  | 125.2  |
| 40°    | 2547.8 | 2543.1 | 2331.6 | 1899.5 | 1404.8 | 789.4  | 526.8  | 364.9  | 248.9  | 170.9  | 120.6  |
| 42.5°  | 2630.1 | 2628.6 | 2434.0 | 1959.8 | 1412.5 | 761.1  | 510.8  | 345.1  | 232.9  | 158.0  | 122.9  |
| 45°    | 2709.6 | 2708.7 | 2533.2 | 2043.8 | 1417.7 | 762.8  | 498.5  | 332.9  | 219.1  | 149.7  | 116.0  |
| 47.5°  | 2785.1 | 2796.5 | 2637.1 | 2160.6 | 1474.3 | 788.6  | 494.0  | 321.4  | 208.5  | 140.5  | 110.0  |
| 50°    | 2911.9 | 2900.4 | 2801.2 | 2318.6 | 1565.0 | 839.1  | 486.3  | 311.5  | 198.4  | 132.1  | 103.8  |
| 52.5°  | 3152.3 | 3139.4 | 3050.8 | 2530.2 | 1664.4 | 891.0  | 476.4  | 297.8  | 187.0  | 122.9  | 96.9   |
| 55°    | 3446.3 | 3463.9 | 3341.0 | 2787.4 | 1799.5 | 934.5  | 465.7  | 279.5  | 171.8  | 112.2  | 92.3   |
| 57.5°  | 3618.8 | 3604.3 | 3463.9 | 2935.5 | 1882.7 | 956.7  | 458.9  | 258.0  | 148.1  | 103.0  | 87.9   |
| 59°    | 3659.2 | 3634.8 | 3443.2 | 2960.7 | 1904.9 | 945.9  | 455.0  | 237.4  | 135.9  | 98.5   | 85.5   |
| 60°    | 3655.5 | 3625.6 | 3410.3 | 2944.6 | 1911.0 | 933.0  | 449.0  | 225.3  | 129.1  | 96.2   | 84.7   |
| 62.5°  | 3576.8 | 3530.2 | 3224.1 | 2750.8 | 1825.4 | 868.0  | 423.7  | 196.2  | 119.8  | 93.2   | 80.2   |
| 65°    | 3398.2 | 3332.5 | 2911.0 | 2372.1 | 1629.3 | 739.0  | 366.5  | 185.5  | 122.2  | 91.5   | 77.2   |
| 67.5°  | 3089.7 | 3037.1 | 2508.8 | 1962.9 | 1298.7 | 597.0  | 316.8  | 181.0  | 125.2  | 93.2   | 72.5   |
| 70°    | 2513.4 | 2468.4 | 1957.6 | 1469.6 | 972.7  | 474.8  | 287.9  | 178.7  | 122.9  | 89.3   | 68.7   |
| 72.5°  | 1772.7 | 1694.9 | 1300.9 | 1029.2 | 616.9  | 381.7  | 249.7  | 168.7  | 119.8  | 86.2   | 62.6   |
| 75°    | 1078.8 | 1093.2 | 826.8  | 749.7  | 389.3  | 261.9  | 196.2  | 142.0  | 106.1  | 77.2   | 56.5   |
| 77.5°  | 711.5  | 710.8  | 609.9  | 529.1  | 197.8  | 162.6  | 139.0  | 109.1  | 83.3   | 63.4   | 48.9   |
| 80°    | 482.5  | 487.9  | 442.9  | 361.1  | 110.0  | 97.7   | 90.9   | 79.4   | 61.1   | 48.1   | 40.4   |
| 82.5°  | 297.0  | 297.8  | 342.8  | 270.3  | 73.3   | 61.8   | 58.0   | 53.4   | 43.5   | 37.4   | 31.4   |
| 85°    | 103.0  | 105.3  | 119.8  | 190.9  | 49.7   | 40.4   | 40.4   | 37.4   | 32.8   | 25.2   | 20.6   |
| 87.5°  | 44.3   | 43.5   | 51.9   | 51.9   | 24.4   | 20.6   | 19.0   | 19.0   | 18.3   | 13.7   | 11.5   |
| 90°    | 3.1    | 2.2    | 2.2    | 3.1    | 3.9    | 5.3    | 4.6    | 5.3    | 5.3    | 4.6    | 3.1    |
| 92.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 95°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 97.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 100°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 102.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 105°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 107.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



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**CANDELA DISTRIBUTION (continued):**

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





REPORT NUMBER: P271666

CATALOG NUMBER: IST-AF-1000-LED-E1-SLR-7027

**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1498.7 | 1498.7 | 1498.7 | 1498.7 | 1498.7 | 1498.7 | 1498.7 | 1498.7 | 1498.7 | 1498.7 | 1498.7 |
| 2.5°   | 1368.8 | 1360.6 | 1336.9 | 1330.7 | 1338.4 | 1323.0 | 1319.3 | 1315.5 | 1287.2 | 1301.7 | 1284.9 |
| 5°     | 1144.4 | 1142.1 | 1094.0 | 1103.9 | 1094.0 | 1077.2 | 1070.4 | 1086.4 | 1058.1 | 1064.3 | 1068.1 |
| 7.5°   | 879.5  | 870.4  | 838.3  | 816.9  | 803.9  | 792.5  | 778.0  | 754.3  | 772.6  | 768.8  | 797.9  |
| 10°    | 713.8  | 694.0  | 674.2  | 644.4  | 627.6  | 611.6  | 594.8  | 585.5  | 564.1  | 561.9  | 552.0  |
| 12.5°  | 654.2  | 626.1  | 600.9  | 574.8  | 557.3  | 525.3  | 498.5  | 481.7  | 467.9  | 446.6  | 430.6  |
| 15°    | 574.8  | 551.2  | 518.4  | 493.2  | 465.7  | 436.7  | 410.7  | 389.3  | 379.4  | 359.6  | 350.4  |
| 17.5°  | 494.8  | 458.9  | 419.1  | 394.0  | 355.8  | 326.1  | 304.6  | 290.9  | 276.4  | 264.1  | 253.5  |
| 20°    | 398.5  | 352.0  | 309.2  | 277.1  | 247.3  | 218.4  | 208.5  | 191.6  | 185.5  | 181.0  | 184.7  |
| 22.5°  | 303.1  | 255.0  | 210.7  | 186.3  | 170.3  | 162.6  | 154.1  | 151.2  | 148.8  | 148.1  | 149.7  |
| 25°    | 222.2  | 181.6  | 160.3  | 151.2  | 145.1  | 140.5  | 137.4  | 135.1  | 133.6  | 132.8  | 133.6  |
| 27.5°  | 171.8  | 150.4  | 139.8  | 133.6  | 129.1  | 125.9  | 124.4  | 122.2  | 121.5  | 120.6  | 121.5  |
| 30°    | 148.8  | 137.4  | 129.7  | 123.7  | 118.4  | 113.0  | 110.7  | 110.0  | 110.7  | 111.5  | 110.7  |
| 32.5°  | 129.7  | 121.5  | 113.0  | 107.7  | 103.8  | 100.8  | 100.8  | 99.3   | 99.3   | 101.6  | 102.2  |
| 35°    | 117.6  | 109.1  | 103.0  | 96.2   | 91.5   | 88.6   | 86.2   | 84.7   | 85.5   | 85.5   | 87.9   |
| 37.5°  | 107.7  | 101.6  | 96.2   | 90.1   | 85.5   | 82.5   | 80.9   | 79.4   | 78.6   | 77.8   | 77.8   |
| 40°    | 100.8  | 96.9   | 92.3   | 86.2   | 81.7   | 78.6   | 77.2   | 75.5   | 74.8   | 74.1   | 74.1   |
| 42.5°  | 100.8  | 93.2   | 90.1   | 84.7   | 79.4   | 76.4   | 74.1   | 72.5   | 71.0   | 71.0   | 71.0   |
| 45°    | 110.7  | 95.4   | 90.1   | 84.0   | 78.6   | 74.8   | 72.5   | 70.2   | 68.7   | 68.7   | 67.9   |
| 47.5°  | 107.7  | 106.9  | 91.5   | 84.0   | 79.4   | 74.8   | 71.8   | 69.5   | 67.9   | 67.2   | 66.5   |
| 50°    | 102.2  | 111.5  | 102.2  | 86.2   | 79.4   | 74.1   | 71.0   | 68.7   | 66.5   | 65.7   | 65.7   |
| 52.5°  | 99.3   | 103.8  | 106.1  | 89.3   | 80.2   | 74.1   | 70.2   | 67.9   | 66.5   | 64.9   | 64.0   |
| 55°    | 91.5   | 97.7   | 101.6  | 87.9   | 80.2   | 72.5   | 68.7   | 66.5   | 64.0   | 63.4   | 62.6   |
| 57.5°  | 84.0   | 88.6   | 97.7   | 87.9   | 77.8   | 71.8   | 67.2   | 64.0   | 62.6   | 61.8   | 61.1   |
| 59°    | 81.7   | 81.7   | 87.0   | 90.1   | 76.4   | 71.0   | 66.5   | 63.4   | 61.8   | 61.1   | 59.6   |
| 60°    | 79.4   | 79.4   | 82.5   | 92.3   | 75.5   | 70.2   | 65.7   | 62.6   | 60.4   | 60.4   | 59.6   |
| 62.5°  | 76.4   | 74.1   | 75.5   | 86.2   | 73.3   | 68.7   | 64.0   | 61.1   | 58.7   | 58.7   | 58.0   |
| 65°    | 72.5   | 69.5   | 69.5   | 71.8   | 68.7   | 65.7   | 62.6   | 59.6   | 56.5   | 56.5   | 57.2   |
| 67.5°  | 68.7   | 65.7   | 64.9   | 64.9   | 63.4   | 62.6   | 59.6   | 56.5   | 55.0   | 55.0   | 55.0   |
| 70°    | 63.4   | 61.1   | 60.4   | 58.7   | 58.7   | 58.0   | 55.8   | 53.4   | 51.9   | 52.7   | 51.9   |
| 72.5°  | 57.2   | 55.8   | 54.2   | 54.2   | 53.4   | 52.7   | 50.3   | 48.9   | 48.1   | 48.9   | 48.9   |
| 75°    | 51.1   | 48.9   | 48.9   | 47.3   | 47.3   | 46.6   | 44.3   | 43.5   | 42.8   | 43.5   | 44.3   |
| 77.5°  | 43.5   | 42.0   | 41.2   | 41.2   | 41.2   | 41.2   | 38.2   | 37.4   | 37.4   | 39.0   | 39.0   |
| 80°    | 35.9   | 35.1   | 34.3   | 34.3   | 34.3   | 33.6   | 32.1   | 31.4   | 31.4   | 32.1   | 32.8   |
| 82.5°  | 27.5   | 25.9   | 25.9   | 26.7   | 27.5   | 27.5   | 25.2   | 23.6   | 23.6   | 25.2   | 26.7   |
| 85°    | 18.3   | 18.3   | 18.3   | 19.0   | 19.0   | 19.9   | 18.3   | 16.0   | 16.8   | 17.6   | 19.9   |
| 87.5°  | 9.9    | 10.7   | 9.9    | 9.2    | 10.7   | 9.9    | 9.9    | 9.2    | 9.9    | 10.7   | 11.5   |
| 90°    | 3.1    | 3.1    | 2.2    | 1.5    | 0.8    | 1.5    | 1.5    | 2.2    | 0.8    | 0.8    | 1.5    |
| 92.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 95°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 97.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 100°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 102.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 105°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 107.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



REPORT NUMBER: P271666

CATALOG NUMBER: IST-AF-1000-LED-E1-SLR-7027

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P271666

CATALOG NUMBER: IST-AF-1000-LED-E1-SLR-7027

**CANDELA DISTRIBUTION (continued):**

|        | 105°   | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1498.7 | 1498.7 | 1498.7 | 1498.7 | 1498.7 | 1498.7 | 1498.7 | 1498.7 | 1498.7 | 1498.7 | 1498.7 |
| 2.5°   | 1300.2 | 1287.2 | 1280.4 | 1307.0 | 1304.8 | 1281.8 | 1281.8 | 1297.9 | 1298.7 | 1284.9 | 1300.9 |
| 5°     | 1072.7 | 1059.7 | 1071.9 | 1061.2 | 1067.4 | 1066.6 | 1075.7 | 1058.9 | 1065.7 | 1059.7 | 1045.2 |
| 7.5°   | 795.4  | 821.5  | 835.2  | 817.6  | 839.8  | 851.2  | 835.2  | 851.2  | 826.1  | 805.5  | 825.4  |
| 10°    | 547.3  | 576.4  | 571.1  | 599.3  | 609.9  | 616.1  | 627.6  | 613.0  | 595.5  | 590.2  | 575.6  |
| 12.5°  | 424.4  | 418.4  | 416.1  | 427.5  | 434.4  | 424.4  | 432.9  | 423.7  | 414.6  | 398.5  | 397.8  |
| 15°    | 332.1  | 322.2  | 315.3  | 302.3  | 297.8  | 300.0  | 303.9  | 303.9  | 285.5  | 286.3  | 293.2  |
| 17.5°  | 252.0  | 249.7  | 244.2  | 233.6  | 226.7  | 229.1  | 228.3  | 224.5  | 222.2  | 223.7  | 232.1  |
| 20°    | 189.4  | 187.0  | 190.1  | 193.1  | 190.9  | 191.6  | 188.6  | 184.7  | 183.3  | 184.7  | 186.3  |
| 22.5°  | 149.7  | 152.7  | 156.6  | 161.1  | 161.9  | 165.6  | 164.9  | 165.6  | 162.6  | 161.1  | 157.2  |
| 25°    | 136.6  | 138.2  | 135.9  | 136.6  | 136.6  | 140.5  | 139.8  | 139.8  | 136.6  | 135.9  | 136.6  |
| 27.5°  | 120.6  | 119.8  | 119.8  | 121.5  | 121.5  | 123.7  | 125.2  | 123.7  | 120.6  | 119.8  | 120.6  |
| 30°    | 111.5  | 110.7  | 110.0  | 110.7  | 110.0  | 110.7  | 112.2  | 112.2  | 110.7  | 108.4  | 109.1  |
| 32.5°  | 102.2  | 102.2  | 101.6  | 102.2  | 101.6  | 101.6  | 103.0  | 100.8  | 100.8  | 100.0  | 100.0  |
| 35°    | 90.1   | 91.5   | 93.2   | 94.0   | 94.0   | 94.0   | 95.4   | 93.2   | 92.3   | 91.5   | 91.5   |
| 37.5°  | 77.8   | 79.4   | 84.0   | 86.2   | 87.0   | 88.6   | 89.3   | 87.9   | 86.2   | 84.7   | 83.3   |
| 40°    | 74.1   | 74.1   | 75.5   | 78.6   | 81.7   | 82.5   | 84.0   | 81.7   | 80.9   | 78.6   | 76.4   |
| 42.5°  | 71.0   | 71.8   | 71.8   | 72.5   | 73.3   | 74.8   | 77.2   | 74.8   | 73.3   | 71.8   | 69.5   |
| 45°    | 68.7   | 68.7   | 68.7   | 68.7   | 67.9   | 67.9   | 68.7   | 67.2   | 66.5   | 65.7   | 65.7   |
| 47.5°  | 67.2   | 66.5   | 65.7   | 64.9   | 64.0   | 63.4   | 63.4   | 61.8   | 61.8   | 61.8   | 61.8   |
| 50°    | 65.7   | 64.0   | 63.4   | 62.6   | 61.1   | 61.1   | 61.1   | 59.6   | 58.7   | 58.7   | 59.6   |
| 52.5°  | 63.4   | 62.6   | 61.8   | 61.1   | 60.4   | 59.6   | 59.6   | 58.0   | 57.2   | 57.2   | 57.2   |
| 55°    | 62.6   | 61.8   | 60.4   | 59.6   | 58.7   | 59.6   | 58.7   | 58.0   | 56.5   | 56.5   | 56.5   |
| 57.5°  | 60.4   | 61.1   | 60.4   | 58.7   | 58.7   | 58.7   | 58.7   | 57.2   | 56.5   | 55.0   | 55.8   |
| 59°    | 59.6   | 60.4   | 59.6   | 58.7   | 58.0   | 58.7   | 58.7   | 56.5   | 55.8   | 55.0   | 55.0   |
| 60°    | 58.7   | 59.6   | 58.7   | 58.0   | 58.0   | 58.7   | 58.0   | 57.2   | 55.8   | 53.4   | 54.2   |
| 62.5°  | 58.0   | 58.0   | 57.2   | 57.2   | 56.5   | 57.2   | 56.5   | 55.0   | 53.4   | 51.9   | 51.1   |
| 65°    | 56.5   | 56.5   | 55.8   | 55.8   | 55.0   | 55.0   | 55.0   | 53.4   | 51.9   | 50.3   | 50.3   |
| 67.5°  | 55.8   | 55.0   | 54.2   | 54.2   | 53.4   | 53.4   | 53.4   | 51.9   | 49.7   | 48.9   | 48.1   |
| 70°    | 52.7   | 51.9   | 51.9   | 51.1   | 50.3   | 51.1   | 51.9   | 49.7   | 47.3   | 45.8   | 45.1   |
| 72.5°  | 49.7   | 48.9   | 48.9   | 48.1   | 48.1   | 48.9   | 49.7   | 47.3   | 44.3   | 42.8   | 42.0   |
| 75°    | 45.1   | 44.3   | 44.3   | 44.3   | 44.3   | 45.8   | 45.8   | 43.5   | 41.2   | 39.0   | 37.4   |
| 77.5°  | 39.0   | 39.6   | 39.6   | 39.6   | 39.6   | 41.2   | 41.2   | 39.6   | 37.4   | 35.9   | 33.6   |
| 80°    | 33.6   | 33.6   | 34.3   | 34.3   | 35.1   | 35.1   | 34.3   | 33.6   | 32.8   | 31.4   | 28.3   |
| 82.5°  | 28.3   | 28.3   | 28.3   | 28.3   | 28.3   | 27.5   | 25.9   | 27.5   | 27.5   | 25.9   | 23.6   |
| 85°    | 22.2   | 22.2   | 22.2   | 22.9   | 22.9   | 20.6   | 18.3   | 18.3   | 20.6   | 19.9   | 18.3   |
| 87.5°  | 12.9   | 12.9   | 13.7   | 16.0   | 14.6   | 13.7   | 11.5   | 12.1   | 11.5   | 12.9   | 10.7   |
| 90°    | 3.1    | 2.2    | 2.2    | 0.8    | 1.5    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 92.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 95°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 97.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 100°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 102.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 105°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 107.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



REPORT NUMBER: P271666  
 CATALOG NUMBER: IST-AF-1000-LED-E1-SLR-7027

REPORT N  
 CATALOG

**CANDELA DISTRIBUTION (continued):**

**CANDELA**

|        | 105° | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° |        |
|--------|------|------|------|------|------|------|------|------|------|------|------|--------|
| 110°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0°     |
| 112.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 2.5°   |
| 115°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 5°     |
| 117.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 7.5°   |
| 120°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 10°    |
| 122.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 12.5°  |
| 125°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 15°    |
| 127.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 17.5°  |
| 130°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 20°    |
| 132.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 22.5°  |
| 135°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 25°    |
| 137.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 27.5°  |
| 140°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 30°    |
| 142.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 32.5°  |
| 145°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 35°    |
| 147.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 37.5°  |
| 150°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 40°    |
| 152.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 42.5°  |
| 155°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 45°    |
| 157.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 47.5°  |
| 160°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 50°    |
| 162.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 52.5°  |
| 165°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 55°    |
| 167.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 57.5°  |
| 170°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 59°    |
| 172.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 60°    |
| 175°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 62.5°  |
| 177.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 65°    |
| 180°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 67.5°  |
|        |      |      |      |      |      |      |      |      |      |      |      | 70°    |
|        |      |      |      |      |      |      |      |      |      |      |      | 72.5°  |
|        |      |      |      |      |      |      |      |      |      |      |      | 75°    |
|        |      |      |      |      |      |      |      |      |      |      |      | 77.5°  |
|        |      |      |      |      |      |      |      |      |      |      |      | 80°    |
|        |      |      |      |      |      |      |      |      |      |      |      | 82.5°  |
|        |      |      |      |      |      |      |      |      |      |      |      | 85°    |
|        |      |      |      |      |      |      |      |      |      |      |      | 87.5°  |
|        |      |      |      |      |      |      |      |      |      |      |      | 90°    |
|        |      |      |      |      |      |      |      |      |      |      |      | 92.5°  |
|        |      |      |      |      |      |      |      |      |      |      |      | 95°    |
|        |      |      |      |      |      |      |      |      |      |      |      | 97.5°  |
|        |      |      |      |      |      |      |      |      |      |      |      | 100°   |
|        |      |      |      |      |      |      |      |      |      |      |      | 102.5° |
|        |      |      |      |      |      |      |      |      |      |      |      | 105°   |
|        |      |      |      |      |      |      |      |      |      |      |      | 107.5° |



'271666  
 IST-AF-1000-LED-E1-SLR-7027

REPORT NUMBER: P271666  
 CATALOG NUMBER: IST-AF-10

**TION (continued):**

**CANDELA DISTRIBUTION (con**

| 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° |        | 215°   | 220°   |
|------|------|------|------|------|------|------|------|------|------|--------|--------|--------|
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0°     | 1498.7 | 1498.7 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 2.5°   | 1402.4 | 1409.4 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 5°     | 1133.0 | 1159.7 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 7.5°   | 856.6  | 892.5  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 10°    | 686.3  | 710.8  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 12.5°  | 602.3  | 637.4  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 15°    | 516.9  | 555.1  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 17.5°  | 423.7  | 470.4  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 20°    | 323.7  | 369.6  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 22.5°  | 227.5  | 266.4  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 25°    | 165.6  | 183.3  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 27.5°  | 147.3  | 154.1  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 30°    | 138.2  | 142.8  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 32.5°  | 124.4  | 129.1  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 35°    | 109.1  | 115.3  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 37.5°  | 101.6  | 106.1  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 40°    | 96.9   | 97.7   |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 42.5°  | 93.2   | 93.2   |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 45°    | 90.9   | 93.2   |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 47.5°  | 92.3   | 102.2  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 50°    | 103.8  | 100.8  |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 52.5°  | 106.1  | 94.7   |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 55°    | 96.9   | 90.9   |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 57.5°  | 87.0   | 79.4   |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 59°    | 77.8   | 73.3   |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 60°    | 72.5   | 71.0   |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 62.5°  | 66.5   | 67.9   |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 65°    | 61.8   | 64.9   |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 67.5°  | 59.6   | 61.8   |
|      |      |      |      |      |      |      |      |      |      | 70°    | 55.8   | 57.2   |
|      |      |      |      |      |      |      |      |      |      | 72.5°  | 51.9   | 52.7   |
|      |      |      |      |      |      |      |      |      |      | 75°    | 46.6   | 47.3   |
|      |      |      |      |      |      |      |      |      |      | 77.5°  | 41.2   | 41.2   |
|      |      |      |      |      |      |      |      |      |      | 80°    | 33.6   | 33.6   |
|      |      |      |      |      |      |      |      |      |      | 82.5°  | 25.9   | 25.2   |
|      |      |      |      |      |      |      |      |      |      | 85°    | 16.8   | 16.0   |
|      |      |      |      |      |      |      |      |      |      | 87.5°  | 7.6    | 6.1    |
|      |      |      |      |      |      |      |      |      |      | 90°    | 0.0    | 0.0    |
|      |      |      |      |      |      |      |      |      |      | 92.5°  | 0.0    | 0.0    |
|      |      |      |      |      |      |      |      |      |      | 95°    | 0.0    | 0.0    |
|      |      |      |      |      |      |      |      |      |      | 97.5°  | 0.0    | 0.0    |
|      |      |      |      |      |      |      |      |      |      | 100°   | 0.0    | 0.0    |
|      |      |      |      |      |      |      |      |      |      | 102.5° | 0.0    | 0.0    |
|      |      |      |      |      |      |      |      |      |      | 105°   | 0.0    | 0.0    |
|      |      |      |      |      |      |      |      |      |      | 107.5° | 0.0    | 0.0    |





REPORT NUMBER: P271666

CATALOG NUMBER: IST-AF-1000-LED-E1-SLR-7027

-SLR-7027

**CANDELA DISTRIBUTION (continued):**

| 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° |        | 270°   | 275°   | 280°   | 285°   |
|------|------|------|------|------|------|------|------|--------|--------|--------|--------|--------|
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0°     | 1498.7 | 1498.7 | 1498.7 | 1498.7 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 2.5°   | 1604.0 | 1620.0 | 1633.7 | 1644.4 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 5°     | 1531.5 | 1568.9 | 1614.0 | 1652.2 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 7.5°   | 1402.4 | 1449.9 | 1523.2 | 1568.1 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 10°    | 1280.4 | 1349.8 | 1430.0 | 1494.9 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 12.5°  | 1197.1 | 1283.4 | 1359.8 | 1432.3 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 15°    | 1174.3 | 1262.0 | 1330.7 | 1397.1 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 17.5°  | 1220.0 | 1307.8 | 1366.6 | 1407.0 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 20°    | 1327.7 | 1421.6 | 1458.9 | 1456.0 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 22.5°  | 1474.9 | 1573.5 | 1573.5 | 1543.0 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 25°    | 1669.7 | 1740.6 | 1701.7 | 1643.8 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 27.5°  | 1807.9 | 1874.3 | 1806.3 | 1710.9 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 30°    | 1922.5 | 1971.3 | 1885.0 | 1769.8 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 32.5°  | 2023.3 | 2059.1 | 1945.3 | 1831.6 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 35°    | 2143.9 | 2156.8 | 2007.9 | 1886.5 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 37.5°  | 2277.5 | 2288.2 | 2098.0 | 1946.9 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 40°    | 2434.7 | 2396.5 | 2164.5 | 2002.6 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 42.5°  | 2531.6 | 2469.0 | 2212.5 | 2031.6 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 45°    | 2608.0 | 2522.5 | 2234.6 | 2048.3 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 47.5°  | 2701.9 | 2601.1 | 2273.6 | 2078.9 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 50°    | 2825.6 | 2710.3 | 2372.1 | 2165.2 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 52.5°  | 3079.1 | 2936.3 | 2549.2 | 2315.7 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 55°    | 3370.7 | 3235.5 | 2832.4 | 2563.8 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 57.5°  | 3604.3 | 3513.5 | 3085.2 | 2788.2 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 59°    | 3690.6 | 3651.7 | 3263.8 | 2978.3 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 60°    | 3722.7 | 3756.3 | 3358.5 | 3094.3 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 62.5°  | 3744.9 | 3890.6 | 3666.2 | 3441.0 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 65°    | 3699.0 | 3912.7 | 3790.6 | 3652.4 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 67.5°  | 3499.8 | 3755.5 | 3731.8 | 3610.5 |
|      |      |      |      |      |      |      |      | 70°    | 3092.1 | 3376.8 | 3459.2 | 3286.7 |
|      |      |      |      |      |      |      |      | 72.5°  | 2326.3 | 2679.7 | 3129.4 | 2859.1 |
|      |      |      |      |      |      |      |      | 75°    | 1515.5 | 1842.2 | 2672.1 | 2449.2 |
|      |      |      |      |      |      |      |      | 77.5°  | 949.0  | 1149.8 | 1906.3 | 1715.5 |
|      |      |      |      |      |      |      |      | 80°    | 631.4  | 739.0  | 1210.1 | 1101.7 |
|      |      |      |      |      |      |      |      | 82.5°  | 474.8  | 523.7  | 832.2  | 782.5  |
|      |      |      |      |      |      |      |      | 85°    | 250.4  | 319.1  | 647.4  | 820.7  |
|      |      |      |      |      |      |      |      | 87.5°  | 94.0   | 104.7  | 487.2  | 733.6  |
|      |      |      |      |      |      |      |      | 90°    | 0.0    | 0.0    | 0.8    | 0.0    |
|      |      |      |      |      |      |      |      | 92.5°  | 0.0    | 0.0    | 0.0    | 0.0    |
|      |      |      |      |      |      |      |      | 95°    | 0.0    | 0.0    | 0.0    | 0.0    |
|      |      |      |      |      |      |      |      | 97.5°  | 0.0    | 0.0    | 0.0    | 0.0    |
|      |      |      |      |      |      |      |      | 100°   | 0.0    | 0.0    | 0.0    | 0.0    |
|      |      |      |      |      |      |      |      | 102.5° | 0.0    | 0.0    | 0.0    | 0.0    |
|      |      |      |      |      |      |      |      | 105°   | 0.0    | 0.0    | 0.0    | 0.0    |
|      |      |      |      |      |      |      |      | 107.5° | 0.0    | 0.0    | 0.0    | 0.0    |





REPORT NUMBER: P271666

CATALOG NUMBER: IST-AF-1000-LED-E1-SLR-7027

**CANDELA DISTRIBUTION (continued):**

| 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   |        | 270° | 275° | 280° | 285° | 290° |
|--------|--------|--------|--------|--------|--------|--------|--------|------|------|------|------|------|
| 1498.7 | 1498.7 | 1498.7 | 1498.7 | 1498.7 | 1498.7 | 1498.7 | 110°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1653.7 | 1667.4 | 1675.8 | 1669.7 | 1679.7 | 1681.9 | 1671.3 | 112.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1684.2 | 1722.4 | 1749.9 | 1768.9 | 1776.6 | 1783.5 | 1780.4 | 115°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1627.7 | 1686.5 | 1737.6 | 1772.7 | 1785.0 | 1794.2 | 1785.7 | 117.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1565.0 | 1626.2 | 1674.4 | 1709.5 | 1708.7 | 1717.8 | 1701.7 | 120°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1506.3 | 1565.8 | 1608.7 | 1607.1 | 1596.4 | 1569.7 | 1565.0 | 122.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1459.7 | 1491.1 | 1501.8 | 1499.5 | 1468.9 | 1453.6 | 1451.3 | 125°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1436.9 | 1435.3 | 1410.9 | 1384.2 | 1355.1 | 1353.7 | 1333.7 | 127.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1440.6 | 1391.0 | 1346.0 | 1300.2 | 1268.9 | 1262.0 | 1264.4 | 130°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1488.7 | 1401.0 | 1316.2 | 1269.7 | 1233.0 | 1222.3 | 1226.8 | 132.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1549.0 | 1431.4 | 1326.2 | 1255.1 | 1225.4 | 1212.4 | 1214.7 | 135°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1589.6 | 1466.7 | 1359.0 | 1271.2 | 1230.7 | 1218.6 | 1226.2 | 137.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1641.5 | 1514.7 | 1403.2 | 1312.4 | 1252.1 | 1236.1 | 1241.4 | 140°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1692.6 | 1566.6 | 1465.9 | 1362.8 | 1289.4 | 1259.7 | 1268.0 | 142.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1747.6 | 1626.9 | 1525.4 | 1431.4 | 1345.2 | 1298.7 | 1309.3 | 145°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1811.7 | 1697.2 | 1610.1 | 1523.9 | 1435.3 | 1396.3 | 1401.0 | 147.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1873.5 | 1765.9 | 1710.1 | 1646.1 | 1594.1 | 1534.6 | 1534.6 | 150°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1910.2 | 1855.2 | 1840.0 | 1821.7 | 1791.1 | 1748.3 | 1739.2 | 152.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1955.3 | 1961.3 | 1996.4 | 2033.1 | 2042.3 | 2000.3 | 1987.3 | 155°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 2040.1 | 2104.1 | 2219.4 | 2319.4 | 2339.3 | 2373.6 | 2334.0 | 157.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 2159.1 | 2277.5 | 2472.0 | 2635.4 | 2682.1 | 2685.1 | 2688.2 | 160°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 2295.0 | 2464.5 | 2721.8 | 2916.4 | 2999.7 | 3021.8 | 3005.8 | 162.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 2527.8 | 2681.4 | 2963.0 | 3172.9 | 3279.8 | 3331.7 | 3318.0 | 165°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 2758.3 | 2949.2 | 3197.3 | 3404.3 | 3518.0 | 3576.1 | 3588.3 | 167.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 2915.7 | 3094.3 | 3323.4 | 3514.2 | 3626.5 | 3696.0 | 3702.1 | 170°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 3011.8 | 3175.3 | 3399.0 | 3566.9 | 3679.2 | 3737.9 | 3759.2 | 172.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 3303.4 | 3333.3 | 3486.1 | 3596.6 | 3675.3 | 3702.1 | 3718.1 | 175°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 3440.1 | 3315.7 | 3298.1 | 3366.8 | 3373.8 | 3356.2 | 3334.1 | 177.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 3250.1 | 2959.2 | 2851.5 | 2842.3 | 2814.1 | 2802.7 | 2732.5 | 180°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 2822.6 | 2403.3 | 2213.2 | 2110.2 | 2172.8 | 2170.6 | 2098.8 |        |      |      |      |      |      |
| 2378.3 | 1951.4 | 1704.8 | 1556.8 | 1538.3 | 1535.3 | 1472.7 |        |      |      |      |      |      |
| 1931.5 | 1531.5 | 1315.5 | 1243.7 | 1157.5 | 1131.4 | 1142.1 |        |      |      |      |      |      |
| 1392.6 | 1093.2 | 1047.4 | 1102.4 | 1109.2 | 1089.5 | 1075.7 |        |      |      |      |      |      |
| 877.3  | 822.3  | 866.5  | 966.6  | 1025.3 | 999.4  | 1009.2 |        |      |      |      |      |      |
| 731.4  | 647.4  | 650.5  | 755.8  | 795.4  | 801.6  | 781.1  |        |      |      |      |      |      |
| 811.6  | 648.1  | 531.3  | 518.4  | 504.7  | 317.6  | 442.1  |        |      |      |      |      |      |
| 731.4  | 501.6  | 295.5  | 243.5  | 149.7  | 86.2   | 89.3   |        |      |      |      |      |      |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |        |      |      |      |      |      |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |        |      |      |      |      |      |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |        |      |      |      |      |      |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |        |      |      |      |      |      |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |        |      |      |      |      |      |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |        |      |      |      |      |      |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |        |      |      |      |      |      |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |        |      |      |      |      |      |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |        |      |      |      |      |      |



REPORT NUMBER: P271666

CATALOG NUMBER: IST-AF-1000-LED-E1-SLR-7027

**CANDELA DISTRIBUTION (continued):**

| 295° | 300° | 305° | 310° | 315° | 320° |        | 325°   | 330°   | 335°   | 340°   | 345°   | 350°   |
|------|------|------|------|------|------|--------|--------|--------|--------|--------|--------|--------|
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0°     | 1498.7 | 1498.7 | 1498.7 | 1498.7 | 1498.7 | 1498.7 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 2.5°   | 1668.9 | 1654.4 | 1638.4 | 1616.9 | 1620.8 | 1594.9 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 5°     | 1756.7 | 1731.6 | 1697.2 | 1653.7 | 1613.2 | 1561.3 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 7.5°   | 1747.6 | 1707.0 | 1649.8 | 1584.3 | 1530.7 | 1456.0 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 10°    | 1668.9 | 1616.3 | 1569.7 | 1501.8 | 1432.3 | 1366.6 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 12.5°  | 1559.0 | 1529.3 | 1488.7 | 1437.6 | 1370.5 | 1303.2 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 15°    | 1439.2 | 1441.4 | 1417.0 | 1403.2 | 1369.6 | 1316.2 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 17.5°  | 1340.6 | 1363.5 | 1376.6 | 1397.9 | 1401.7 | 1375.8 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 20°    | 1275.0 | 1307.0 | 1347.5 | 1406.3 | 1468.1 | 1494.9 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 22.5°  | 1238.3 | 1278.1 | 1343.0 | 1449.9 | 1562.8 | 1630.7 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 25°    | 1231.5 | 1284.1 | 1374.9 | 1505.6 | 1652.2 | 1747.6 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 27.5°  | 1243.0 | 1311.6 | 1419.3 | 1568.1 | 1712.5 | 1850.7 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 30°    | 1279.5 | 1359.8 | 1477.4 | 1637.6 | 1787.3 | 1924.7 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 32.5°  | 1314.7 | 1413.9 | 1543.7 | 1700.2 | 1850.7 | 1987.3 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 35°    | 1371.3 | 1471.2 | 1604.0 | 1748.3 | 1894.2 | 2049.1 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 37.5°  | 1457.5 | 1545.3 | 1651.4 | 1785.7 | 1937.6 | 2098.0 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 40°    | 1580.4 | 1638.4 | 1707.0 | 1813.2 | 1959.0 | 2130.8 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 42.5°  | 1764.5 | 1776.6 | 1800.2 | 1855.2 | 1978.2 | 2169.0 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 45°    | 2001.9 | 1965.1 | 1944.5 | 1936.9 | 2020.8 | 2193.4 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 47.5°  | 2277.5 | 2205.7 | 2123.2 | 2083.5 | 2103.3 | 2232.4 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 50°    | 2636.3 | 2519.5 | 2357.6 | 2243.1 | 2233.2 | 2346.9 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 52.5°  | 2965.2 | 2812.6 | 2608.8 | 2473.7 | 2418.7 | 2560.7 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 55°    | 3276.0 | 3158.5 | 2927.8 | 2760.0 | 2740.9 | 2843.9 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 57.5°  | 3548.6 | 3447.1 | 3258.5 | 3039.3 | 3047.1 | 3147.0 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 59°    | 3689.8 | 3605.1 | 3430.3 | 3207.3 | 3224.1 | 3361.5 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 60°    | 3740.3 | 3669.1 | 3502.9 | 3314.9 | 3336.3 | 3479.1 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 62.5°  | 3736.4 | 3690.6 | 3570.0 | 3481.4 | 3590.5 | 3695.2 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 65°    | 3379.9 | 3310.3 | 3296.6 | 3451.6 | 3662.3 | 3763.1 |
| 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 67.5°  | 2688.2 | 2721.0 | 2851.5 | 3117.9 | 3471.5 | 3618.0 |
|      |      |      |      |      |      | 70°    | 1996.4 | 2054.4 | 2228.5 | 2563.0 | 3048.5 | 3302.0 |
|      |      |      |      |      |      | 72.5°  | 1468.1 | 1526.2 | 1686.5 | 2053.0 | 2508.0 | 2732.5 |
|      |      |      |      |      |      | 75°    | 1152.1 | 1169.6 | 1284.9 | 1572.8 | 1976.6 | 2160.6 |
|      |      |      |      |      |      | 77.5°  | 1064.3 | 1011.6 | 964.3  | 1118.5 | 1333.1 | 1491.1 |
|      |      |      |      |      |      | 80°    | 991.0  | 891.0  | 779.5  | 826.1  | 878.0  | 1046.0 |
|      |      |      |      |      |      | 82.5°  | 769.6  | 703.1  | 616.1  | 675.6  | 700.0  | 705.5  |
|      |      |      |      |      |      | 85°    | 450.4  | 400.8  | 507.7  | 719.3  | 711.5  | 623.0  |
|      |      |      |      |      |      | 87.5°  | 158.8  | 206.1  | 232.1  | 398.5  | 481.7  | 416.8  |
|      |      |      |      |      |      | 90°    | 0.0    | 2.2    | 6.8    | 7.6    | 11.5   | 3.9    |
|      |      |      |      |      |      | 92.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
|      |      |      |      |      |      | 95°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
|      |      |      |      |      |      | 97.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
|      |      |      |      |      |      | 100°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
|      |      |      |      |      |      | 102.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
|      |      |      |      |      |      | 105°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
|      |      |      |      |      |      | 107.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



REPORT NUMBER: P271666

CATALOG NUMBER: IST-AF-1000-LED-E1-SLR-7027

**CANDELA DISTRIBUTION (continued):**

| 355°   | 359°   | 360°   |        | 325° | 330° | 335° | 340° | 345° | 350° | 355° |
|--------|--------|--------|--------|------|------|------|------|------|------|------|
| 1498.7 | 1498.7 | 1498.7 | 110°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1574.3 | 1552.9 | 1551.4 | 112.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1520.0 | 1472.0 | 1456.7 | 115°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1391.0 | 1335.3 | 1323.8 | 117.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1282.6 | 1220.8 | 1210.1 | 120°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1226.8 | 1168.1 | 1155.1 | 122.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1248.3 | 1183.3 | 1176.5 | 125°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1328.4 | 1259.7 | 1262.7 | 127.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1465.9 | 1421.6 | 1410.9 | 130°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1646.1 | 1597.9 | 1584.3 | 132.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1799.5 | 1775.1 | 1765.9 | 135°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1910.2 | 1921.7 | 1912.5 | 137.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 1998.8 | 2037.0 | 2032.3 | 140°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 2089.5 | 2163.7 | 2166.7 | 142.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 2156.8 | 2287.4 | 2314.0 | 145°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 2243.1 | 2417.9 | 2445.4 | 147.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 2308.7 | 2514.1 | 2547.8 | 150°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 2372.9 | 2593.5 | 2630.1 | 152.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 2425.5 | 2672.1 | 2709.6 | 155°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 2485.1 | 2748.5 | 2785.1 | 157.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 2592.0 | 2868.4 | 2911.9 | 160°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 2821.8 | 3090.5 | 3152.3 | 162.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 3153.9 | 3397.4 | 3446.3 | 165°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 3453.2 | 3605.9 | 3618.8 | 167.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 3576.1 | 3663.1 | 3659.2 | 170°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 3666.2 | 3676.9 | 3655.5 | 172.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 3715.0 | 3613.5 | 3576.8 | 175°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 3587.5 | 3446.3 | 3398.2 | 177.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 3219.5 | 3144.7 | 3089.7 | 180°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 2738.6 | 2549.2 | 2513.4 |        |      |      |      |      |      |      |      |
| 2075.8 | 1826.3 | 1772.7 |        |      |      |      |      |      |      |      |
| 1450.7 | 1151.3 | 1078.8 |        |      |      |      |      |      |      |      |
| 953.6  | 739.0  | 711.5  |        |      |      |      |      |      |      |      |
| 618.4  | 490.9  | 482.5  |        |      |      |      |      |      |      |      |
| 431.4  | 322.2  | 297.0  |        |      |      |      |      |      |      |      |
| 264.9  | 107.7  | 103.0  |        |      |      |      |      |      |      |      |
| 82.5   | 49.7   | 44.3   |        |      |      |      |      |      |      |      |
| 2.2    | 3.1    | 3.1    |        |      |      |      |      |      |      |      |
| 0.0    | 0.0    | 0.0    |        |      |      |      |      |      |      |      |
| 0.0    | 0.0    | 0.0    |        |      |      |      |      |      |      |      |
| 0.0    | 0.0    | 0.0    |        |      |      |      |      |      |      |      |
| 0.0    | 0.0    | 0.0    |        |      |      |      |      |      |      |      |
| 0.0    | 0.0    | 0.0    |        |      |      |      |      |      |      |      |
| 0.0    | 0.0    | 0.0    |        |      |      |      |      |      |      |      |
| 0.0    | 0.0    | 0.0    |        |      |      |      |      |      |      |      |
| 0.0    | 0.0    | 0.0    |        |      |      |      |      |      |      |      |

