

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: P271772

Luminaire Tested: **ISW-AF-600-LED-E1-SL2-7027**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P271772  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P35945)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: ISW-AF-600-LED-E1-SL2-7027  
Description: IMPACT ELITE LED WEDGE LUMINAIRE  
LIGHT SQUARE WITH ACCULED OPTICS-TYPE II W/SPILL CONTROL  
Light Source: (16) 2700K CCT, 70 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

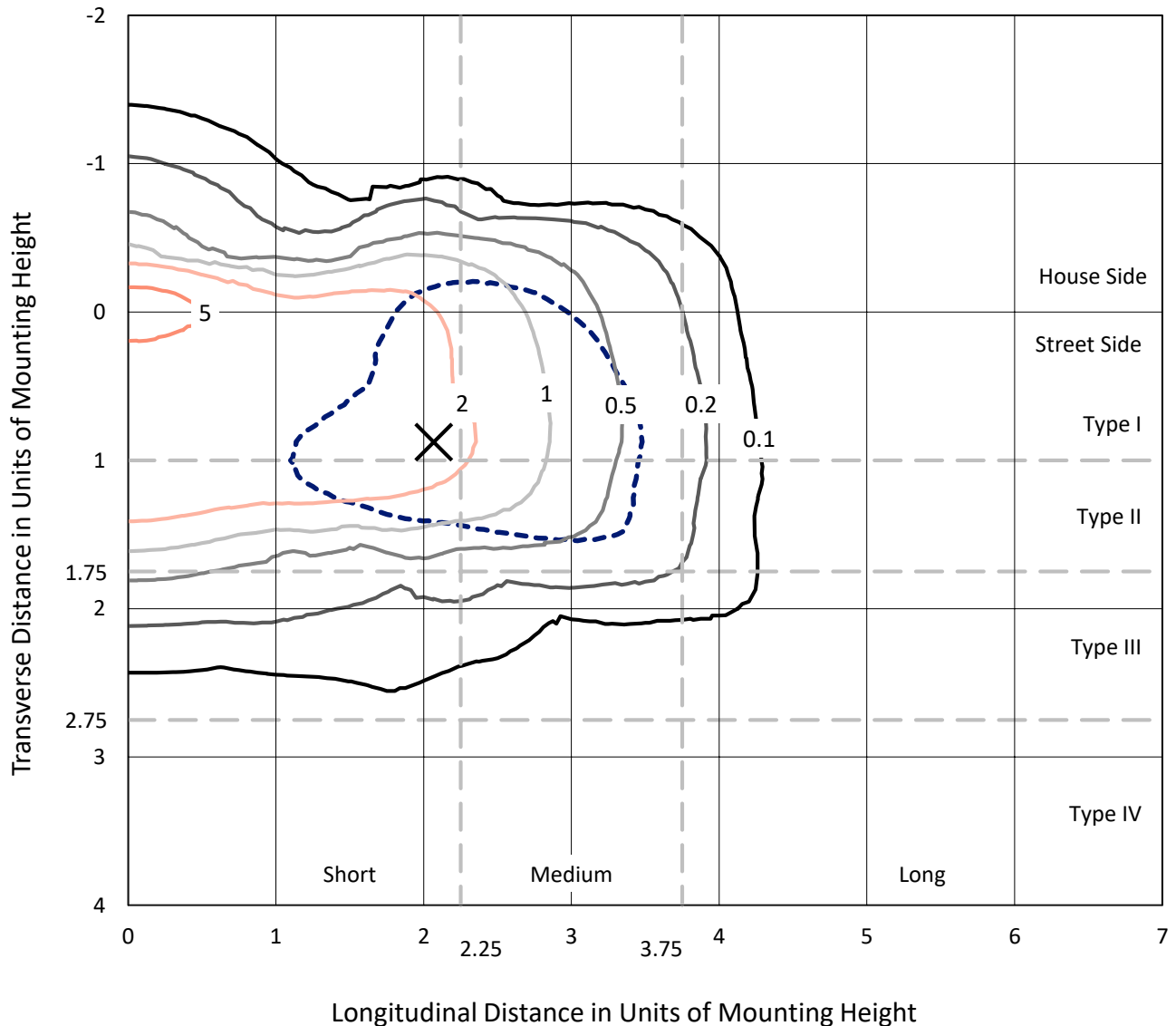
Lumens per Lamp: N/A  
Luminaire Lumens: 3434.4 lumens  
Efficiency: N/A  
Efficacy: 101.9 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
IES Classification: Type II - Short - Semi-Cutoff  
BUG Rating: B1 - U1 - G1  
  
Input Watts (W): 33.7  
Input Voltage (V): 120  
Input 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: P271772  
 CATALOG NUMBER: ISW-AF-600-LED-E1-SL2-7027

### Iso-Footcandle Lines of Horizontal Illumination

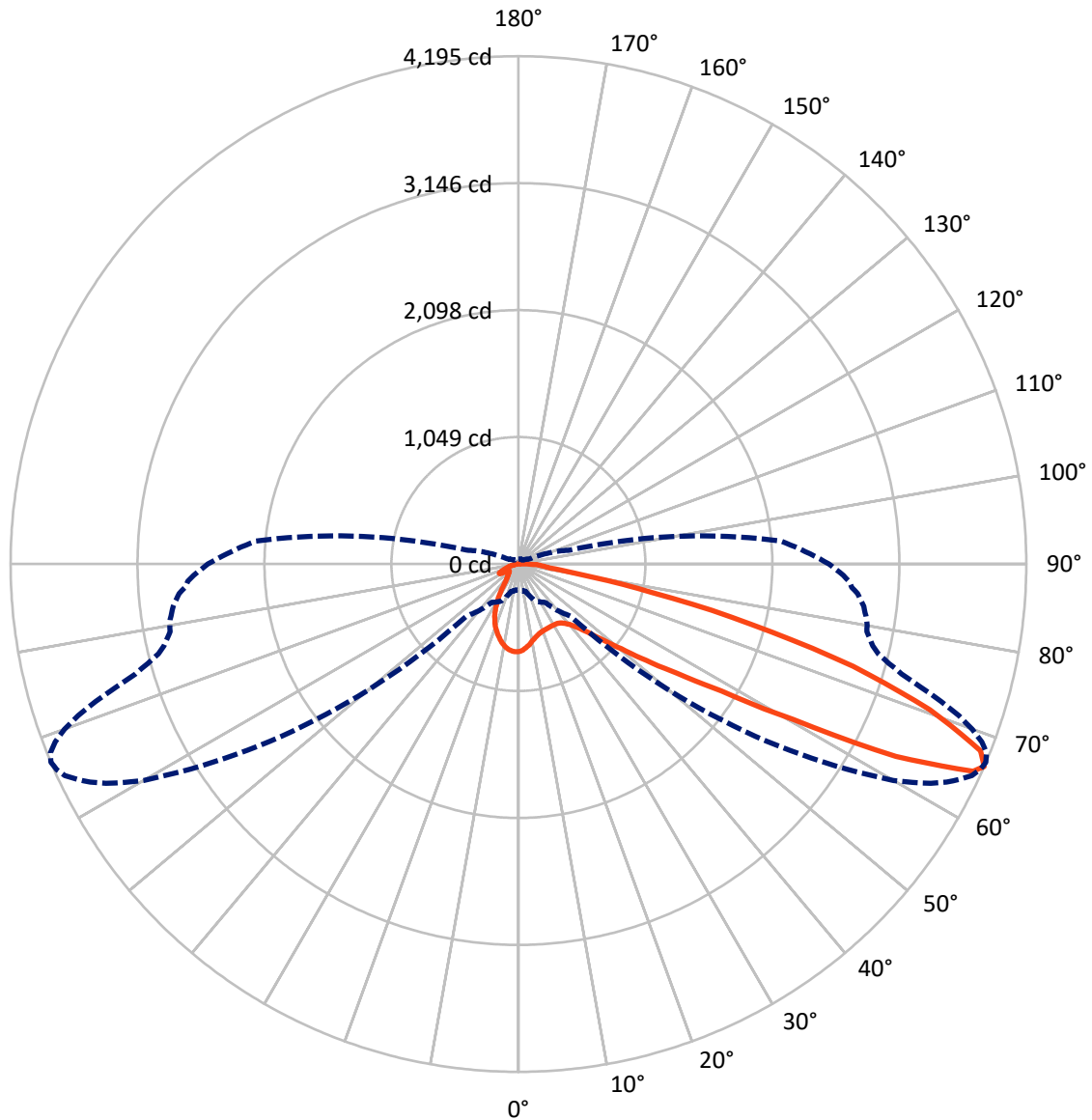
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 7.2 fc  
 Type II - Short - Semi-Cutoff

REPORT NUMBER: P271772  
CATALOG NUMBER: ISW-AF-600-LED-E1-SL2-7027

### Luminous Intensity Polar Plot



— Vertical Plane Through 67-Deg Lateral      - - - Horizontal Cone Through 66-Deg Vertical

REPORT NUMBER: P271772

CATALOG NUMBER: ISW-AF-600-LED-E1-SL2-7027

**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 634.1    | 0.3    | 634.4  |
|                    | % Fixture | 18.5     | 0.0    | 18.5   |
| <b>Street Side</b> | Lumens    | 2799.1   | 1.0    | 2800.1 |
|                    | % Fixture | 81.5     | 0.0    | 81.5   |
| <b>Total</b>       | Lumens    | 3433.2   | 1.2    | 3434.4 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 62.7   | 1.8       |
| 10°-20°   | 149.2  | 4.3       |
| 20°-30°   | 204.6  | 6.0       |
| 30°-40°   | 292.3  | 8.5       |
| 40°-50°   | 473.9  | 13.8      |
| 50°-60°   | 750.9  | 21.9      |
| 60°-70°   | 951.6  | 27.7      |
| 70°-80°   | 473.0  | 13.8      |
| 80°-90°   | 74.9   | 2.2       |
| 90°-100°  | 1.2    | 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°    | 3433.2 | 100.0     |
| 0°-180°   | 3434.4 | 100.0     |



REPORT NUMBER: P271772

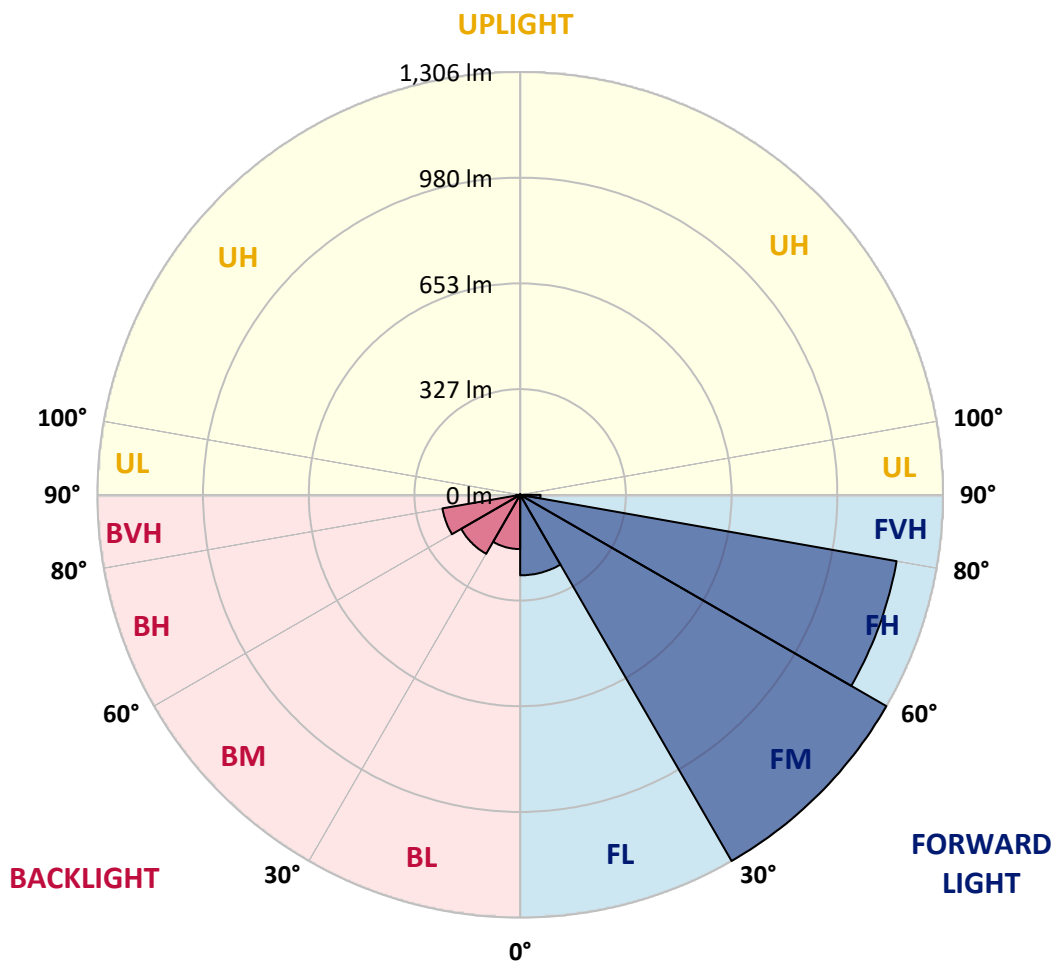
CATALOG NUMBER: ISW-AF-600-LED-E1-SL2-7027

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |       |         |
|------|-------------|--------|-----------|-------------------------|-------|---------|
|      |             |        |           | B                       | U     | G       |
| FL   | (0°-30°)    | 248.8  | 7.2       |                         |       |         |
| FM   | (30°-60°)   | 1306.5 | 38.0      |                         |       |         |
| FH   | (60°-80°)   | 1180.9 | 34.4      |                         |       | G1/1800 |
| FVH  | (80°-90°)   | 62.8   | 1.8       |                         |       | G1/100  |
| BL   | (0°-30°)    | 167.7  | 4.9       | B1/500                  |       |         |
| BM   | (30°-60°)   | 210.7  | 6.1       | B0/220                  |       |         |
| BH   | (60°-80°)   | 243.7  | 7.1       | B1/500                  |       | G1/500  |
| BVH  | (80°-90°)   | 12.1   | 0.4       |                         |       | G1/100  |
| UL   | (90°-100°)  | 1.2    | 0.0       |                         | U1/10 |         |
| UH   | (100°-180°) | 0.3    | 0.0       |                         | U1/10 |         |

**BUG Rating: B1-U1-G1**

Type II Short





REPORT NUMBER: P271772

CATALOG NUMBER: ISW-AF-600-LED-E1-SL2-7027

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 60°    | 61°    | 62°    | 63°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 722.9  | 722.9  | 722.9  | 722.9  | 722.9  | 722.9  | 722.9  | 722.9  | 722.9  | 722.9  | 722.9  |
| 2.5°   | 671.8  | 673.4  | 682.2  | 686.8  | 693.5  | 695.6  | 703.4  | 706.3  | 709.0  | 708.4  | 708.4  |
| 5°     | 611.5  | 616.1  | 620.2  | 629.5  | 639.3  | 651.2  | 666.1  | 677.5  | 679.6  | 682.2  | 683.7  |
| 7.5°   | 565.6  | 568.6  | 575.8  | 582.6  | 594.9  | 611.5  | 632.6  | 647.0  | 650.1  | 651.2  | 654.9  |
| 10°    | 533.1  | 535.1  | 541.3  | 550.0  | 564.5  | 580.5  | 602.8  | 617.7  | 622.3  | 624.3  | 627.5  |
| 12.5°  | 507.7  | 510.9  | 516.5  | 525.8  | 541.3  | 557.8  | 581.0  | 595.9  | 599.1  | 601.7  | 606.3  |
| 15°    | 491.7  | 493.8  | 499.0  | 509.2  | 523.3  | 539.7  | 562.4  | 580.5  | 582.6  | 585.2  | 589.3  |
| 17.5°  | 488.7  | 490.1  | 493.3  | 501.1  | 511.9  | 527.8  | 551.1  | 566.0  | 569.6  | 573.3  | 577.4  |
| 20°    | 501.1  | 502.1  | 503.1  | 504.1  | 510.2  | 520.7  | 543.4  | 559.4  | 562.4  | 565.6  | 570.7  |
| 22.5°  | 527.8  | 529.4  | 526.9  | 523.3  | 518.6  | 520.7  | 539.7  | 556.2  | 558.3  | 561.4  | 565.6  |
| 25°    | 574.3  | 572.8  | 565.0  | 559.4  | 542.8  | 529.4  | 540.8  | 554.7  | 557.3  | 560.4  | 565.0  |
| 27.5°  | 629.0  | 626.9  | 622.3  | 606.9  | 579.5  | 552.1  | 547.0  | 557.3  | 558.8  | 561.4  | 565.6  |
| 30°    | 687.8  | 688.3  | 684.1  | 667.2  | 632.0  | 586.1  | 560.9  | 563.5  | 564.5  | 566.7  | 569.2  |
| 32.5°  | 740.9  | 748.6  | 748.2  | 747.2  | 697.2  | 632.0  | 587.7  | 577.4  | 575.8  | 577.4  | 578.4  |
| 35°    | 802.4  | 803.9  | 818.4  | 825.6  | 784.8  | 699.2  | 626.9  | 604.2  | 598.0  | 598.5  | 597.6  |
| 37.5°  | 868.4  | 870.5  | 895.3  | 907.6  | 876.2  | 775.6  | 679.1  | 643.9  | 638.2  | 632.6  | 628.5  |
| 40°    | 964.4  | 972.7  | 985.5  | 999.5  | 984.0  | 878.3  | 747.7  | 700.2  | 685.8  | 684.7  | 676.4  |
| 42.5°  | 1107.8 | 1105.3 | 1099.1 | 1110.5 | 1091.8 | 993.3  | 830.8  | 779.7  | 768.8  | 754.4  | 743.1  |
| 45°    | 1248.7 | 1254.4 | 1227.5 | 1232.7 | 1233.7 | 1126.5 | 950.9  | 879.2  | 873.6  | 856.5  | 844.1  |
| 47.5°  | 1343.7 | 1337.5 | 1301.4 | 1327.7 | 1392.1 | 1281.7 | 1090.4 | 1014.9 | 1003.0 | 994.3  | 986.6  |
| 50°    | 1348.9 | 1343.7 | 1320.4 | 1367.0 | 1504.6 | 1557.8 | 1284.3 | 1196.6 | 1179.6 | 1164.0 | 1159.4 |
| 52.5°  | 1223.0 | 1215.7 | 1223.4 | 1317.8 | 1545.4 | 1789.0 | 1558.3 | 1422.1 | 1408.1 | 1395.2 | 1377.2 |
| 55°    | 998.5  | 1006.7 | 1043.3 | 1179.0 | 1482.9 | 1953.1 | 2097.5 | 1770.4 | 1710.6 | 1710.0 | 1665.6 |
| 57.5°  | 745.6  | 737.4  | 764.6  | 892.2  | 1325.1 | 2011.3 | 2592.9 | 2511.9 | 2378.3 | 2287.9 | 2179.1 |
| 60°    | 503.1  | 505.2  | 530.4  | 595.9  | 922.1  | 1947.9 | 2924.6 | 3206.9 | 3160.0 | 3140.8 | 3111.5 |
| 62.5°  | 348.8  | 351.9  | 375.1  | 436.6  | 539.3  | 1567.0 | 3021.7 | 3596.5 | 3680.5 | 3750.2 | 3733.3 |
| 65°    | 244.1  | 244.6  | 267.9  | 362.7  | 404.0  | 804.9  | 2807.6 | 3648.1 | 3773.5 | 3893.2 | 4000.5 |
| 66°    | 215.1  | 215.8  | 234.7  | 337.4  | 387.5  | 607.3  | 2621.7 | 3576.3 | 3719.3 | 3858.6 | 3969.5 |
| 67.5°  | 184.2  | 187.3  | 202.3  | 286.9  | 371.4  | 468.6  | 2165.6 | 3362.3 | 3511.8 | 3665.2 | 3811.7 |
| 70°    | 126.4  | 127.5  | 140.9  | 232.8  | 347.7  | 411.2  | 1234.2 | 2624.8 | 2831.7 | 3101.1 | 3257.0 |
| 72.5°  | 90.3   | 89.3   | 90.8   | 144.0  | 357.1  | 408.7  | 648.6  | 1727.5 | 2017.1 | 2253.4 | 2422.1 |
| 75°    | 80.5   | 78.0   | 71.2   | 89.3   | 260.6  | 446.4  | 434.5  | 1017.0 | 1237.3 | 1452.5 | 1625.4 |
| 77.5°  | 71.8   | 67.6   | 64.0   | 68.6   | 129.0  | 420.6  | 390.1  | 582.6  | 695.1  | 855.5  | 988.7  |
| 80°    | 54.7   | 52.1   | 54.2   | 59.4   | 77.4   | 387.0  | 387.5  | 387.5  | 417.9  | 470.6  | 523.3  |
| 82.5°  | 36.1   | 33.0   | 37.7   | 49.0   | 58.3   | 291.5  | 400.5  | 342.2  | 336.4  | 334.3  | 338.0  |
| 85°    | 22.6   | 19.7   | 26.3   | 36.7   | 44.8   | 152.3  | 410.7  | 361.2  | 334.9  | 309.6  | 284.3  |
| 87.5°  | 8.3    | 9.3    | 13.5   | 21.2   | 29.5   | 66.0   | 360.2  | 318.4  | 300.3  | 268.9  | 239.4  |
| 90°    | 2.1    | 1.5    | 2.5    | 6.2    | 6.6    | 12.4   | 55.2   | 88.2   | 52.6   | 26.3   | 21.2   |
| 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: P271772

CATALOG NUMBER: ISW-AF-600-LED-E1-SL2-7027

**CANDELA DISTRIBUTION (continued):**

|        | 0°  | 5°  | 15° | 25° | 35° | 45° | 55° | 60° | 61° | 62° | 63° |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 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: P271772

CATALOG NUMBER: ISW-AF-600-LED-E1-SL2-7027

**CANDELA DISTRIBUTION (continued):**

|        | 64°    | 65°    | 66°    | 67°    | 68°    | 69°    | 70°    | 71°    | 72°    | 73°    | 74°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 722.9  | 722.9  | 722.9  | 722.9  | 722.9  | 722.9  | 722.9  | 722.9  | 722.9  | 722.9  | 722.9  |
| 2.5°   | 709.0  | 711.5  | 712.5  | 711.5  | 712.1  | 715.2  | 714.2  | 715.7  | 715.7  | 716.7  | 716.7  |
| 5°     | 685.8  | 687.8  | 692.0  | 691.4  | 695.6  | 697.2  | 698.6  | 700.7  | 703.4  | 704.8  | 708.0  |
| 7.5°   | 658.4  | 662.5  | 666.1  | 668.2  | 670.8  | 676.0  | 677.5  | 682.2  | 686.2  | 690.3  | 693.5  |
| 10°    | 632.0  | 637.8  | 641.9  | 643.5  | 649.1  | 651.7  | 657.4  | 661.1  | 666.1  | 671.3  | 676.0  |
| 12.5°  | 609.9  | 615.1  | 617.1  | 622.3  | 627.5  | 632.6  | 635.2  | 641.9  | 647.0  | 653.8  | 660.0  |
| 15°    | 593.4  | 598.5  | 602.8  | 606.3  | 611.5  | 616.6  | 620.8  | 627.5  | 633.7  | 640.3  | 646.0  |
| 17.5°  | 583.1  | 586.1  | 591.4  | 594.4  | 600.7  | 606.9  | 611.5  | 619.2  | 625.8  | 631.6  | 639.3  |
| 20°    | 575.4  | 579.0  | 583.6  | 588.2  | 593.9  | 601.7  | 605.7  | 614.0  | 621.3  | 627.9  | 635.2  |
| 22.5°  | 571.2  | 574.8  | 579.5  | 584.1  | 590.3  | 596.5  | 603.2  | 610.4  | 618.1  | 625.4  | 632.6  |
| 25°    | 569.6  | 572.8  | 576.9  | 581.6  | 588.2  | 594.9  | 600.7  | 608.9  | 615.6  | 623.3  | 632.0  |
| 27.5°  | 570.2  | 572.2  | 576.9  | 581.0  | 587.7  | 593.9  | 599.6  | 607.8  | 615.6  | 622.9  | 631.6  |
| 30°    | 572.2  | 573.7  | 578.4  | 582.0  | 587.7  | 593.9  | 599.1  | 607.8  | 614.5  | 622.3  | 631.6  |
| 32.5°  | 579.5  | 581.6  | 583.6  | 586.1  | 591.4  | 595.9  | 602.1  | 609.9  | 616.1  | 623.9  | 631.6  |
| 35°    | 596.5  | 594.9  | 596.5  | 597.6  | 601.1  | 605.7  | 610.4  | 617.1  | 622.9  | 629.5  | 637.8  |
| 37.5°  | 623.3  | 620.2  | 621.3  | 620.8  | 620.8  | 623.9  | 628.5  | 633.1  | 637.8  | 644.4  | 652.7  |
| 40°    | 672.9  | 665.1  | 663.1  | 657.4  | 655.9  | 658.4  | 661.5  | 662.1  | 667.7  | 676.4  | 680.1  |
| 42.5°  | 736.8  | 726.5  | 728.1  | 718.7  | 716.2  | 713.2  | 717.3  | 714.6  | 718.3  | 723.9  | 731.7  |
| 45°    | 838.0  | 828.1  | 817.9  | 802.8  | 806.0  | 794.6  | 791.6  | 792.6  | 792.0  | 794.1  | 803.4  |
| 47.5°  | 958.7  | 945.8  | 939.1  | 933.4  | 922.6  | 915.9  | 907.1  | 894.3  | 897.2  | 901.4  | 909.7  |
| 50°    | 1135.2 | 1131.1 | 1118.2 | 1099.5 | 1097.0 | 1087.2 | 1084.6 | 1073.3 | 1069.2 | 1068.6 | 1068.2 |
| 52.5°  | 1371.0 | 1344.1 | 1339.0 | 1321.5 | 1308.0 | 1298.8 | 1295.6 | 1279.6 | 1263.6 | 1273.0 | 1271.9 |
| 55°    | 1658.5 | 1636.3 | 1607.9 | 1592.3 | 1581.6 | 1559.4 | 1553.7 | 1533.6 | 1524.2 | 1519.0 | 1506.2 |
| 57.5°  | 2141.4 | 2063.5 | 2005.2 | 1976.2 | 1935.5 | 1894.3 | 1879.7 | 1838.5 | 1806.5 | 1783.8 | 1785.3 |
| 60°    | 2983.5 | 2844.8 | 2681.1 | 2607.8 | 2438.1 | 2413.3 | 2296.7 | 2268.3 | 2198.2 | 2151.7 | 2124.9 |
| 62.5°  | 3721.4 | 3683.7 | 3605.3 | 3498.4 | 3328.2 | 3132.1 | 3043.9 | 2868.4 | 2731.2 | 2671.3 | 2588.3 |
| 65°    | 4073.7 | 4126.9 | 4148.6 | 4128.5 | 4060.4 | 3940.7 | 3835.4 | 3664.1 | 3434.0 | 3304.0 | 3142.5 |
| 66°    | 4055.7 | 4134.7 | 4174.4 | 4195.1 | 4170.3 | 4099.5 | 3989.1 | 3848.2 | 3670.3 | 3472.1 | 3291.0 |
| 67.5°  | 3923.7 | 4000.5 | 4055.7 | 4118.7 | 4118.7 | 4096.5 | 4051.5 | 3957.8 | 3831.8 | 3659.0 | 3496.3 |
| 70°    | 3383.8 | 3488.1 | 3585.7 | 3604.8 | 3658.3 | 3641.9 | 3677.5 | 3617.7 | 3587.7 | 3515.4 | 3428.3 |
| 72.5°  | 2636.3 | 2723.4 | 2807.0 | 2890.6 | 2876.6 | 2858.6 | 2855.0 | 2867.4 | 2806.5 | 2828.1 | 2805.5 |
| 75°    | 1753.3 | 1903.5 | 1989.2 | 1980.9 | 1986.6 | 1991.3 | 1953.1 | 1867.8 | 1933.9 | 1850.4 | 1878.3 |
| 77.5°  | 1065.5 | 1135.2 | 1158.5 | 1132.7 | 1099.1 | 1055.7 | 986.1  | 945.3  | 887.0  | 891.7  | 852.9  |
| 80°    | 558.8  | 567.5  | 549.0  | 496.9  | 468.6  | 442.8  | 363.3  | 327.6  | 294.6  | 282.2  | 254.4  |
| 82.5°  | 320.4  | 299.2  | 276.6  | 259.0  | 225.5  | 202.7  | 171.8  | 152.3  | 131.1  | 112.5  | 105.8  |
| 85°    | 259.5  | 231.1  | 210.0  | 190.4  | 167.7  | 147.6  | 121.8  | 101.7  | 86.1   | 74.8   | 72.2   |
| 87.5°  | 214.2  | 194.6  | 172.8  | 154.3  | 132.1  | 111.5  | 86.1   | 67.0   | 53.2   | 42.8   | 39.7   |
| 90°    | 19.1   | 25.8   | 18.5   | 10.3   | 15.5   | 8.3    | 4.6    | 5.2    | 4.1    | 4.1    | 4.6    |
| 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: P271772

CATALOG NUMBER: ISW-AF-600-LED-E1-SL2-7027

**CANDELA DISTRIBUTION (continued):**

|        | 64° | 65° | 66° | 67° | 68° | 69° | 70° | 71° | 72° | 73° | 74° |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 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: P271772

CATALOG NUMBER: ISW-AF-600-LED-E1-SL2-7027

**CANDELA DISTRIBUTION (continued):**

|        | 75°    | 76°    | 77°    | 78°    | 79°    | 80°    | 81°    | 82°    | 83°    | 84°    | 85°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 722.9  | 722.9  | 722.9  | 722.9  | 722.9  | 722.9  | 722.9  | 722.9  | 722.9  | 722.9  | 722.9  |
| 2.5°   | 718.3  | 718.3  | 719.4  | 720.4  | 720.8  | 720.8  | 720.8  | 721.9  | 722.3  | 720.8  | 722.3  |
| 5°     | 709.5  | 712.1  | 714.2  | 715.7  | 716.2  | 717.7  | 719.4  | 720.4  | 721.9  | 721.9  | 722.9  |
| 7.5°   | 697.6  | 702.3  | 704.8  | 707.4  | 710.0  | 712.5  | 715.7  | 717.7  | 718.7  | 720.8  | 722.3  |
| 10°    | 682.6  | 688.3  | 693.5  | 697.6  | 701.3  | 706.3  | 710.5  | 713.6  | 718.3  | 718.7  | 722.3  |
| 12.5°  | 666.6  | 675.0  | 679.1  | 686.8  | 692.0  | 699.7  | 703.8  | 708.4  | 713.6  | 716.2  | 720.4  |
| 15°    | 655.3  | 662.5  | 670.2  | 677.5  | 685.8  | 695.1  | 700.2  | 706.3  | 713.6  | 719.4  | 724.4  |
| 17.5°  | 646.5  | 656.3  | 665.1  | 674.4  | 684.7  | 694.5  | 702.3  | 709.0  | 718.3  | 721.4  | 726.5  |
| 20°    | 643.9  | 654.9  | 663.6  | 673.4  | 684.1  | 697.2  | 706.3  | 713.6  | 722.9  | 728.1  | 732.7  |
| 22.5°  | 643.0  | 653.2  | 663.6  | 675.4  | 687.3  | 700.7  | 710.5  | 719.8  | 729.2  | 733.7  | 737.4  |
| 25°    | 641.9  | 652.7  | 664.0  | 677.5  | 690.3  | 704.3  | 715.7  | 724.4  | 733.3  | 737.9  | 740.9  |
| 27.5°  | 641.9  | 653.2  | 665.6  | 679.1  | 693.0  | 708.4  | 719.4  | 727.5  | 735.4  | 739.5  | 740.5  |
| 30°    | 641.4  | 653.2  | 665.1  | 680.1  | 695.1  | 711.1  | 722.9  | 730.6  | 737.4  | 739.9  | 738.9  |
| 32.5°  | 642.4  | 654.9  | 667.7  | 682.6  | 698.2  | 713.6  | 726.0  | 734.7  | 738.4  | 737.9  | 737.4  |
| 35°    | 647.6  | 659.0  | 673.9  | 688.8  | 704.8  | 719.4  | 731.2  | 737.4  | 740.5  | 739.5  | 736.8  |
| 37.5°  | 661.5  | 672.9  | 687.8  | 704.3  | 716.7  | 733.3  | 744.1  | 748.6  | 749.3  | 746.1  | 739.9  |
| 40°    | 690.3  | 701.8  | 715.2  | 733.3  | 748.2  | 759.6  | 769.8  | 775.0  | 771.9  | 766.3  | 759.6  |
| 42.5°  | 736.3  | 750.7  | 766.7  | 781.3  | 798.8  | 814.2  | 816.8  | 820.0  | 814.8  | 803.9  | 795.7  |
| 45°    | 810.1  | 818.9  | 839.6  | 850.3  | 873.1  | 880.8  | 886.4  | 888.1  | 876.7  | 867.9  | 853.5  |
| 47.5°  | 916.5  | 933.4  | 947.9  | 958.2  | 974.8  | 985.0  | 996.4  | 991.2  | 982.5  | 967.5  | 948.4  |
| 50°    | 1083.5 | 1094.5 | 1113.0 | 1131.5 | 1149.1 | 1156.4 | 1156.4 | 1151.2 | 1145.5 | 1116.6 | 1093.3 |
| 52.5°  | 1289.0 | 1290.0 | 1316.8 | 1339.0 | 1353.9 | 1343.1 | 1356.0 | 1343.1 | 1339.6 | 1319.4 | 1300.3 |
| 55°    | 1526.8 | 1517.0 | 1549.6 | 1569.1 | 1582.5 | 1595.5 | 1592.9 | 1591.3 | 1578.0 | 1555.2 | 1532.0 |
| 57.5°  | 1752.9 | 1781.2 | 1796.7 | 1825.5 | 1832.4 | 1841.1 | 1837.4 | 1832.4 | 1824.5 | 1811.6 | 1801.3 |
| 60°    | 2078.9 | 2098.0 | 2111.9 | 2117.7 | 2136.7 | 2139.3 | 2152.2 | 2131.0 | 2136.2 | 2121.3 | 2088.8 |
| 62.5°  | 2522.7 | 2502.0 | 2512.9 | 2512.9 | 2507.2 | 2487.0 | 2498.0 | 2506.2 | 2492.3 | 2480.0 | 2474.7 |
| 65°    | 3019.7 | 2953.1 | 2889.1 | 2878.2 | 2848.9 | 2842.1 | 2833.8 | 2813.2 | 2804.4 | 2782.8 | 2765.3 |
| 66°    | 3168.2 | 3064.9 | 3004.7 | 2967.6 | 2931.9 | 2924.2 | 2912.8 | 2891.1 | 2873.6 | 2843.1 | 2813.7 |
| 67.5°  | 3334.9 | 3201.8 | 3110.9 | 3058.3 | 3014.4 | 2985.6 | 2962.8 | 2931.9 | 2904.0 | 2858.6 | 2811.7 |
| 70°    | 3324.1 | 3214.1 | 3104.7 | 3024.8 | 2958.7 | 2899.4 | 2864.2 | 2797.7 | 2741.0 | 2675.9 | 2622.3 |
| 72.5°  | 2793.1 | 2773.4 | 2710.0 | 2665.1 | 2584.2 | 2552.6 | 2459.8 | 2417.4 | 2339.0 | 2254.8 | 2229.1 |
| 75°    | 1941.7 | 1864.8 | 1832.4 | 1814.3 | 1778.6 | 1680.5 | 1616.6 | 1630.5 | 1538.7 | 1456.6 | 1409.7 |
| 77.5°  | 848.8  | 864.3  | 774.5  | 734.3  | 703.4  | 650.1  | 600.7  | 566.7  | 547.0  | 534.0  | 475.7  |
| 80°    | 234.7  | 204.8  | 202.3  | 187.8  | 184.7  | 164.6  | 167.2  | 152.7  | 142.9  | 140.9  | 136.3  |
| 82.5°  | 102.7  | 100.6  | 97.6   | 96.0   | 94.4   | 92.3   | 89.8   | 89.3   | 86.1   | 83.6   | 84.1   |
| 85°    | 68.1   | 67.6   | 66.0   | 64.5   | 61.9   | 58.3   | 55.8   | 53.7   | 54.2   | 51.7   | 51.0   |
| 87.5°  | 39.7   | 38.6   | 38.2   | 36.1   | 35.7   | 32.5   | 33.0   | 30.5   | 29.9   | 29.5   | 27.8   |
| 90°    | 5.7    | 6.2    | 7.7    | 7.3    | 5.2    | 9.8    | 8.3    | 7.3    | 7.7    | 6.2    | 6.2    |
| 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: P271772  
 CATALOG NUMBER: ISW-AF-600-LED-E1-SL2-7027

REPORT N  
 CATALOG

**CANDELA DISTRIBUTION (continued):**

**CANDELA**

|        | 75° | 76° | 77° | 78° | 79° | 80° | 81° | 82° | 83° | 84° | 85° |        |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|
| 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 | 60°    |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 62.5°  |
| 175°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 65°    |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 66°    |
| 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° |

NUMBER: P271772  
 NUMBER: ISW-AF-600-LED-E1-SL2-7027

REPORT NUMBER: P  
 CATALOG NUMBER:

**DISTRIBUTION (continued):**

**CANDELA DISTRIBUTION**

| 86°    | 87°    | 88°    | 89°    | 90°    | 95°    | 105°  | 115°  | 125°  | 135°  | 145°  | 110°   | 86° |
|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|--------|-----|
| 722.9  | 722.9  | 722.9  | 722.9  | 722.9  | 722.9  | 722.9 | 722.9 | 722.9 | 722.9 | 722.9 | 110°   | 0.0 |
| 723.9  | 725.0  | 725.5  | 725.0  | 726.0  | 725.5  | 726.0 | 725.5 | 722.9 | 722.3 | 721.9 | 112.5° | 0.0 |
| 725.0  | 727.1  | 727.5  | 728.1  | 727.1  | 728.1  | 726.0 | 717.7 | 708.4 | 698.2 | 689.9 | 115°   | 0.0 |
| 726.0  | 728.5  | 730.1  | 730.1  | 730.6  | 729.6  | 721.9 | 703.8 | 682.2 | 660.4 | 643.9 | 117.5° | 0.0 |
| 725.5  | 729.2  | 730.6  | 731.2  | 731.2  | 729.2  | 710.5 | 681.6 | 648.6 | 615.6 | 582.0 | 120°   | 0.0 |
| 723.9  | 727.1  | 729.6  | 729.6  | 730.1  | 722.9  | 694.0 | 652.7 | 605.7 | 556.2 | 511.3 | 122.5° | 0.0 |
| 727.1  | 730.1  | 730.1  | 730.1  | 729.6  | 717.3  | 676.4 | 616.6 | 553.6 | 486.6 | 420.0 | 125°   | 0.0 |
| 731.7  | 733.3  | 732.2  | 732.2  | 730.1  | 711.5  | 656.9 | 581.0 | 498.5 | 409.6 | 316.8 | 127.5° | 0.0 |
| 735.8  | 736.8  | 736.3  | 733.7  | 731.2  | 705.3  | 636.8 | 543.4 | 432.4 | 316.8 | 224.5 | 130°   | 0.0 |
| 739.9  | 740.9  | 738.4  | 734.3  | 730.6  | 697.2  | 612.5 | 495.3 | 357.5 | 216.7 | 148.6 | 132.5° | 0.0 |
| 740.5  | 741.6  | 736.8  | 731.2  | 726.0  | 684.7  | 583.1 | 444.3 | 275.5 | 140.3 | 116.2 | 135°   | 0.0 |
| 739.9  | 738.9  | 731.2  | 723.9  | 718.3  | 669.8  | 550.6 | 380.8 | 183.7 | 105.8 | 101.1 | 137.5° | 0.0 |
| 736.3  | 731.7  | 725.5  | 717.3  | 709.0  | 653.2  | 518.1 | 310.2 | 116.2 | 91.9  | 91.9  | 140°   | 0.0 |
| 731.2  | 726.5  | 718.7  | 708.0  | 698.6  | 637.3  | 481.0 | 237.9 | 92.9  | 84.6  | 85.7  | 142.5° | 0.0 |
| 729.2  | 723.9  | 712.5  | 701.3  | 689.4  | 622.9  | 441.7 | 160.0 | 83.6  | 79.9  | 80.5  | 145°   | 0.0 |
| 733.3  | 724.4  | 713.2  | 700.2  | 686.2  | 610.4  | 400.9 | 111.5 | 78.9  | 74.8  | 75.9  | 147.5° | 0.0 |
| 747.2  | 738.9  | 725.5  | 709.0  | 694.0  | 603.2  | 357.5 | 92.3  | 74.3  | 70.7  | 70.7  | 150°   | 0.0 |
| 780.6  | 769.8  | 751.8  | 732.2  | 714.2  | 607.8  | 318.9 | 84.1  | 70.7  | 67.0  | 67.0  | 152.5° | 0.0 |
| 834.9  | 821.9  | 800.7  | 778.7  | 754.8  | 630.5  | 275.0 | 80.9  | 68.1  | 62.9  | 61.9  | 155°   | 0.0 |
| 927.8  | 910.7  | 882.9  | 856.5  | 828.1  | 669.8  | 230.7 | 78.9  | 64.9  | 60.4  | 58.3  | 157.5° | 0.0 |
| 1073.7 | 1048.5 | 1015.4 | 980.9  | 946.4  | 741.6  | 195.7 | 76.9  | 62.9  | 58.3  | 56.2  | 160°   | 0.0 |
| 1261.6 | 1244.6 | 1203.3 | 1157.8 | 1116.6 | 884.4  | 175.3 | 75.4  | 61.4  | 55.8  | 54.2  | 162.5° | 0.0 |
| 1501.0 | 1473.2 | 1440.6 | 1399.9 | 1350.9 | 1069.6 | 173.4 | 74.8  | 59.8  | 53.7  | 52.6  | 165°   | 0.0 |
| 1753.9 | 1743.0 | 1687.8 | 1662.5 | 1609.4 | 1316.3 | 211.0 | 75.9  | 58.7  | 52.1  | 50.6  | 167.5° | 0.0 |
| 2042.3 | 2046.4 | 1994.9 | 1967.0 | 1923.1 | 1629.0 | 336.0 | 78.9  | 58.7  | 50.6  | 49.0  | 170°   | 0.0 |
| 2419.5 | 2426.2 | 2365.2 | 2332.3 | 2295.1 | 1979.3 | 527.8 | 84.1  | 60.4  | 49.0  | 47.5  | 172.5° | 0.0 |
| 2728.6 | 2692.5 | 2653.2 | 2595.5 | 2548.5 | 2175.0 | 508.2 | 93.4  | 62.4  | 47.5  | 45.9  | 175°   | 0.0 |
| 2760.6 | 2734.8 | 2685.2 | 2622.8 | 2565.5 | 2176.0 | 443.8 | 96.5  | 62.9  | 46.9  | 45.5  | 177.5° | 0.0 |
| 2756.4 | 2710.5 | 2654.3 | 2601.6 | 2545.3 | 2120.2 | 343.2 | 100.6 | 64.5  | 45.9  | 44.4  | 180°   | 0.0 |
| 2565.5 | 2501.0 | 2446.4 | 2373.6 | 2314.8 | 1897.3 | 211.0 | 100.1 | 62.4  | 42.8  | 41.8  |        |     |
| 2115.6 | 2082.5 | 2017.5 | 1959.2 | 1897.8 | 1535.7 | 144.4 | 89.3  | 55.2  | 38.6  | 39.3  |        |     |
| 1368.4 | 1330.7 | 1264.7 | 1231.7 | 1197.1 | 982.5  | 112.5 | 72.8  | 46.9  | 34.6  | 36.1  |        |     |
| 456.7  | 441.7  | 417.4  | 430.8  | 410.7  | 382.9  | 82.6  | 55.2  | 37.7  | 29.9  | 32.0  |        |     |
| 136.7  | 133.7  | 138.2  | 130.1  | 137.8  | 116.6  | 54.2  | 38.6  | 28.8  | 25.8  | 28.4  |        |     |
| 80.9   | 79.9   | 79.9   | 79.9   | 78.0   | 72.8   | 35.7  | 26.8  | 22.2  | 21.6  | 23.7  |        |     |
| 49.6   | 48.5   | 49.0   | 48.5   | 49.6   | 44.4   | 24.3  | 18.5  | 16.5  | 16.0  | 19.1  |        |     |
| 28.4   | 28.4   | 28.8   | 27.8   | 28.4   | 27.4   | 17.0  | 11.9  | 10.8  | 10.3  | 13.9  |        |     |
| 6.6    | 6.6    | 5.2    | 4.6    | 5.2    | 7.3    | 4.6   | 3.6   | 3.1   | 2.5   | 4.6   |        |     |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |        |     |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |        |     |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |        |     |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |        |     |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |        |     |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |        |     |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |        |     |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |        |     |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |        |     |

271772  
 ISW-AF-600-LED-E1-SL2-7027

REPORT NUMBER: P271772  
 CATALOG NUMBER: ISW-AF-60

**TION (continued):**

**CANDELA DISTRIBUTION (con**

| 87° | 88° | 89° | 90° | 95° | 105° | 115° | 125° | 135° | 145° |        | 155°  | 165°  |
|-----|-----|-----|-----|-----|------|------|------|------|------|--------|-------|-------|
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0°     | 722.9 | 722.9 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 2.5°   | 717.7 | 714.2 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 5°     | 677.1 | 667.2 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 7.5°   | 618.1 | 606.9 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 10°    | 551.1 | 534.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 12.5°  | 465.4 | 431.8 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 15°    | 366.4 | 321.4 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 17.5°  | 252.3 | 216.2 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 20°    | 177.0 | 163.6 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 22.5°  | 136.7 | 137.2 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 25°    | 113.5 | 118.7 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 27.5°  | 100.1 | 105.2 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 30°    | 91.9  | 96.5  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 32.5°  | 86.1  | 88.2  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 35°    | 79.5  | 80.5  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 37.5°  | 73.8  | 73.8  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 40°    | 68.6  | 68.1  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 42.5°  | 64.0  | 63.5  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 45°    | 59.4  | 59.8  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 47.5°  | 56.8  | 57.3  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 50°    | 54.2  | 54.7  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 52.5°  | 52.1  | 52.1  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 55°    | 50.0  | 49.6  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 57.5°  | 48.5  | 47.5  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 60°    | 46.9  | 45.9  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 62.5°  | 45.9  | 44.4  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 65°    | 44.8  | 43.8  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 66°    | 44.4  | 43.4  |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 67.5°  | 43.8  | 42.8  |
|     |     |     |     |     |      |      |      |      |      | 70°    | 41.8  | 40.7  |
|     |     |     |     |     |      |      |      |      |      | 72.5°  | 38.6  | 38.2  |
|     |     |     |     |     |      |      |      |      |      | 75°    | 35.7  | 34.6  |
|     |     |     |     |     |      |      |      |      |      | 77.5°  | 31.5  | 30.9  |
|     |     |     |     |     |      |      |      |      |      | 80°    | 26.8  | 26.3  |
|     |     |     |     |     |      |      |      |      |      | 82.5°  | 22.6  | 21.6  |
|     |     |     |     |     |      |      |      |      |      | 85°    | 18.1  | 17.0  |
|     |     |     |     |     |      |      |      |      |      | 87.5°  | 12.4  | 11.4  |
|     |     |     |     |     |      |      |      |      |      | 90°    | 3.1   | 3.6   |
|     |     |     |     |     |      |      |      |      |      | 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: P271772

CATALOG NUMBER: ISW-AF-600-LED-E1-

00-LED-E1-SL2-7027

**tinued):**

| 175°  | 180°  |
|-------|-------|
| 722.9 | 722.9 |
| 711.1 | 715.7 |
| 664.0 | 662.5 |
| 597.6 | 598.0 |
| 517.1 | 518.1 |
| 412.8 | 406.7 |
| 295.6 | 298.2 |
| 205.9 | 205.4 |
| 165.1 | 166.2 |
| 141.4 | 141.4 |
| 125.9 | 125.9 |
| 110.9 | 111.5 |
| 100.6 | 101.7 |
| 91.4  | 91.9  |
| 82.0  | 82.6  |
| 74.3  | 74.3  |
| 69.1  | 69.7  |
| 65.6  | 65.6  |
| 61.9  | 61.9  |
| 58.7  | 59.8  |
| 55.8  | 56.2  |
| 52.6  | 53.2  |
| 49.6  | 49.6  |
| 46.9  | 46.9  |
| 44.8  | 44.4  |
| 43.4  | 42.3  |
| 41.8  | 41.3  |
| 41.3  | 40.7  |
| 40.7  | 40.2  |
| 39.7  | 39.3  |
| 38.2  | 37.7  |
| 35.0  | 34.0  |
| 32.0  | 30.9  |
| 29.5  | 27.8  |
| 24.7  | 23.7  |
| 18.1  | 17.0  |
| 10.8  | 10.8  |
| 2.5   | 2.5   |
| 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   |

**CANDELA DISTRIBUTION (continued):**

|        | 155° | 165° | 175° |
|--------|------|------|------|
| 110°   | 0.0  | 0.0  | 0.0  |
| 112.5° | 0.0  | 0.0  | 0.0  |
| 115°   | 0.0  | 0.0  | 0.0  |
| 117.5° | 0.0  | 0.0  | 0.0  |
| 120°   | 0.0  | 0.0  | 0.0  |
| 122.5° | 0.0  | 0.0  | 0.0  |
| 125°   | 0.0  | 0.0  | 0.0  |
| 127.5° | 0.0  | 0.0  | 0.0  |
| 130°   | 0.0  | 0.0  | 0.0  |
| 132.5° | 0.0  | 0.0  | 0.0  |
| 135°   | 0.0  | 0.0  | 0.0  |
| 137.5° | 0.0  | 0.0  | 0.0  |
| 140°   | 0.0  | 0.0  | 0.0  |
| 142.5° | 0.0  | 0.0  | 0.0  |
| 145°   | 0.0  | 0.0  | 0.0  |
| 147.5° | 0.0  | 0.0  | 0.0  |
| 150°   | 0.0  | 0.0  | 0.0  |
| 152.5° | 0.0  | 0.0  | 0.0  |
| 155°   | 0.0  | 0.0  | 0.0  |
| 157.5° | 0.0  | 0.0  | 0.0  |
| 160°   | 0.0  | 0.0  | 0.0  |
| 162.5° | 0.0  | 0.0  | 0.0  |
| 165°   | 0.0  | 0.0  | 0.0  |
| 167.5° | 0.0  | 0.0  | 0.0  |
| 170°   | 0.0  | 0.0  | 0.0  |
| 172.5° | 0.0  | 0.0  | 0.0  |
| 175°   | 0.0  | 0.0  | 0.0  |
| 177.5° | 0.0  | 0.0  | 0.0  |
| 180°   | 0.0  | 0.0  | 0.0  |



-SL2-7027

| <u>180°</u> |
|-------------|
| 0.0         |
| 0.0         |
| 0.0         |
| 0.0         |
| 0.0         |
| 0.0         |
| 0.0         |
| 0.0         |
| 0.0         |
| 0.0         |
| 0.0         |
| 0.0         |
| 0.0         |
| 0.0         |
| 0.0         |
| 0.0         |
| 0.0         |
| 0.0         |
| 0.0         |
| 0.0         |
| 0.0         |
| 0.0         |
| 0.0         |
| 0.0         |
| 0.0         |
| 0.0         |
| 0.0         |
| 0.0         |
| 0.0         |
| 0.0         |
| 0.0         |
| 0.0         |
| 0.0         |

(END OF REPORT)