

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: P226400

Luminaire Tested: **ISW-AF-600-LED-E1-T3**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P226400  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P35938)  
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-T3  
Description: IMPACT ELITE LED WEDGE LUMINAIRE  
LIGHT SQUARE WITH ACCULED OPTICS-TYPE III  
Light Source: (16) 4000K CCT, 70 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

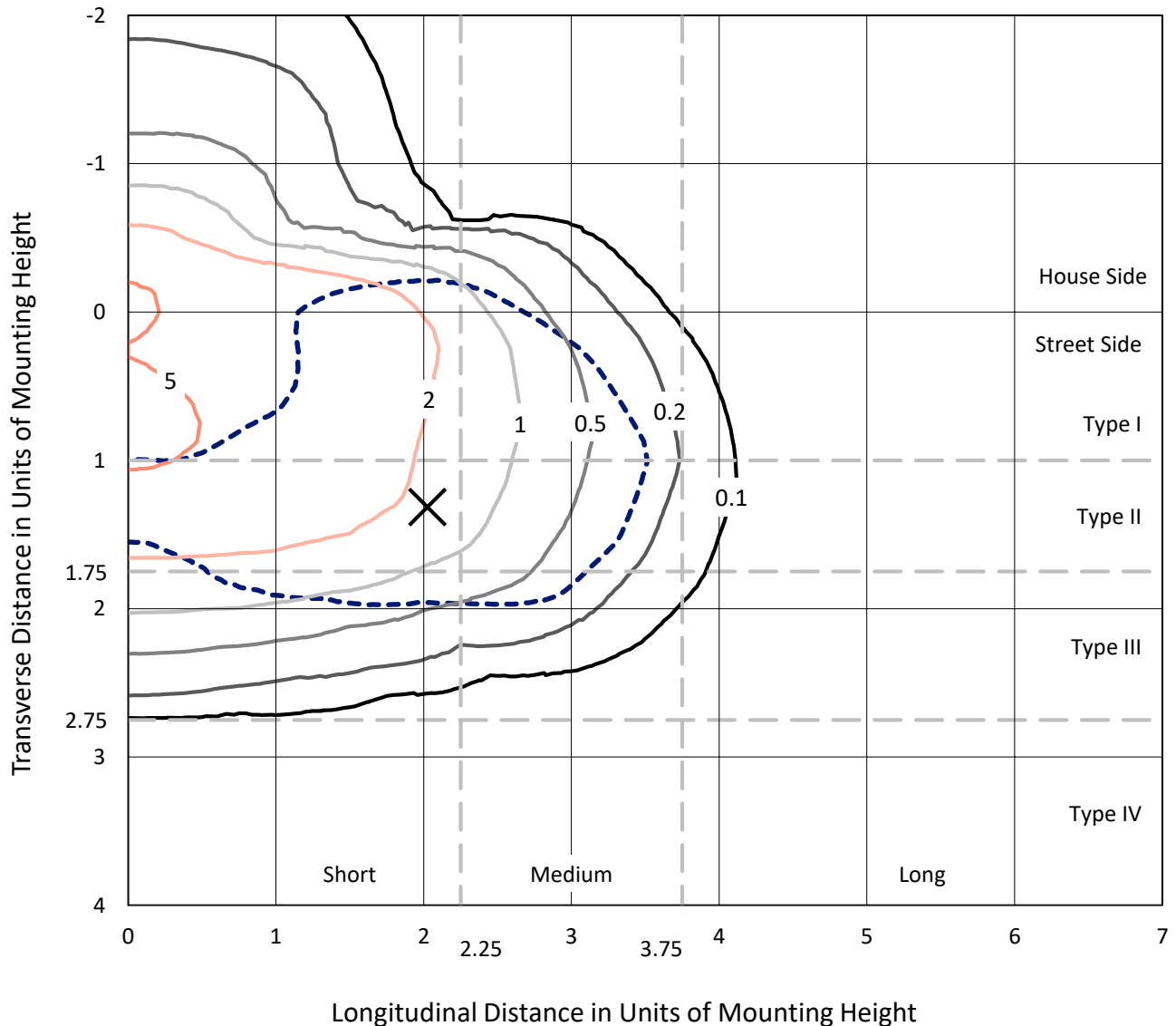
Lumens per Lamp: N/A  
Luminaire Lumens: 4195.1 lumens  
Efficiency: N/A  
Efficacy: 124.5 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
IES Classification: Type III - Short - Cutoff  
BUG Rating: B1 - U1 - G1  
  
Input Watts (W): 33.7  
Input Voltage (V): 120  
Input Current (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



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 CATALOG NUMBER: ISW-AF-600-LED-E1-T3

### Iso-Footcandle Lines of Horizontal Illumination

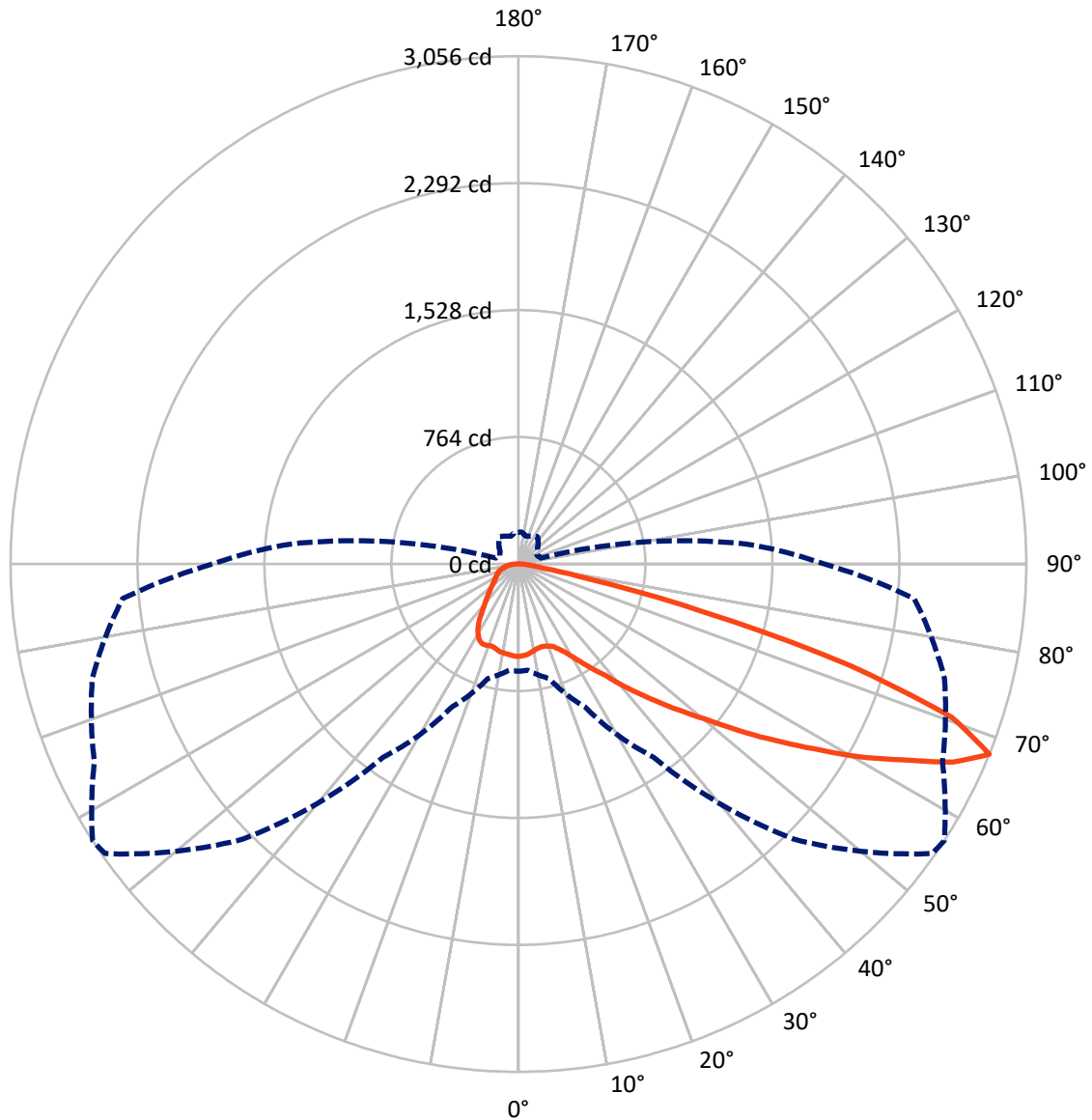
✕ Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 5.8 fc  
 Type III - Short - Cutoff

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### Luminous Intensity Polar Plot



— Vertical Plane Through 57-Deg Lateral    - - - Horizontal Cone Through 67.5-Deg Vertical

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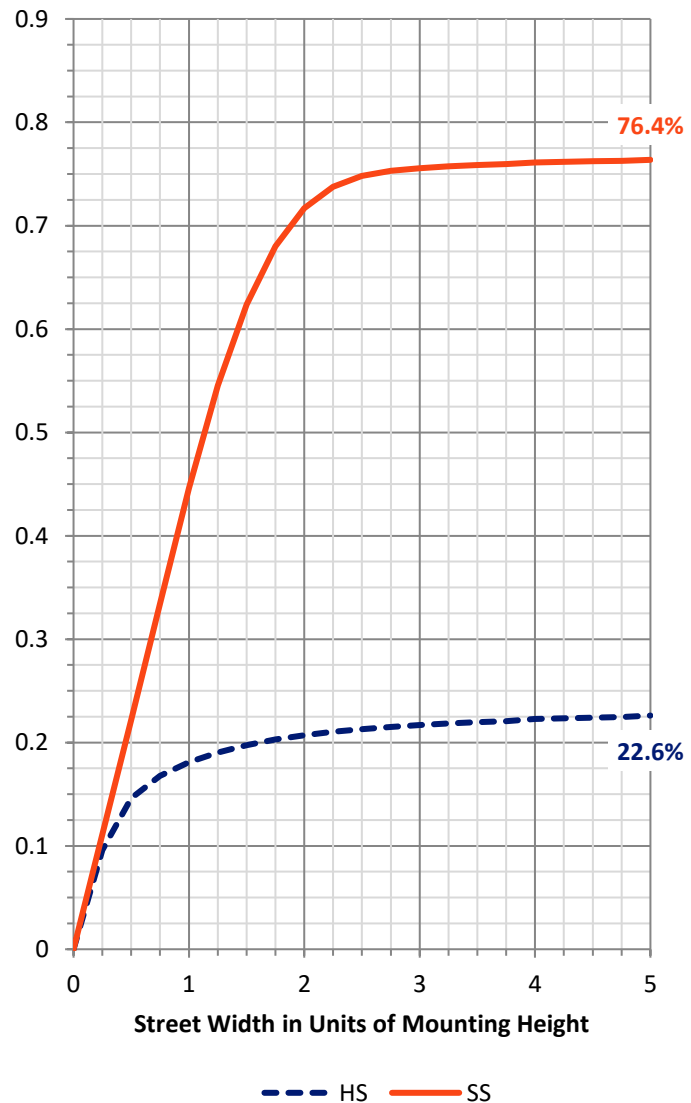
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 976.2    | 1.2    | 977.5  |
|                    | % Fixture | 23.3     | 0.0    | 23.3   |
| <b>Street Side</b> | Lumens    | 3217.3   | 0.3    | 3217.6 |
|                    | % Fixture | 76.7     | 0.0    | 76.7   |
| <b>Total</b>       | Lumens    | 4193.5   | 1.6    | 4195.1 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 52.0   | 1.2       |
| 10°-20°   | 149.4  | 3.6       |
| 20°-30°   | 257.2  | 6.1       |
| 30°-40°   | 418.1  | 10.0      |
| 40°-50°   | 674.5  | 16.1      |
| 50°-60°   | 1005.5 | 24.0      |
| 60°-70°   | 1132.5 | 27.0      |
| 70°-80°   | 436.6  | 10.4      |
| 80°-90°   | 67.7   | 1.6       |
| 90°-100°  | 1.6    | 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°    | 4193.5 | 100.0     |
| 0°-180°   | 4195.1 | 100.0     |



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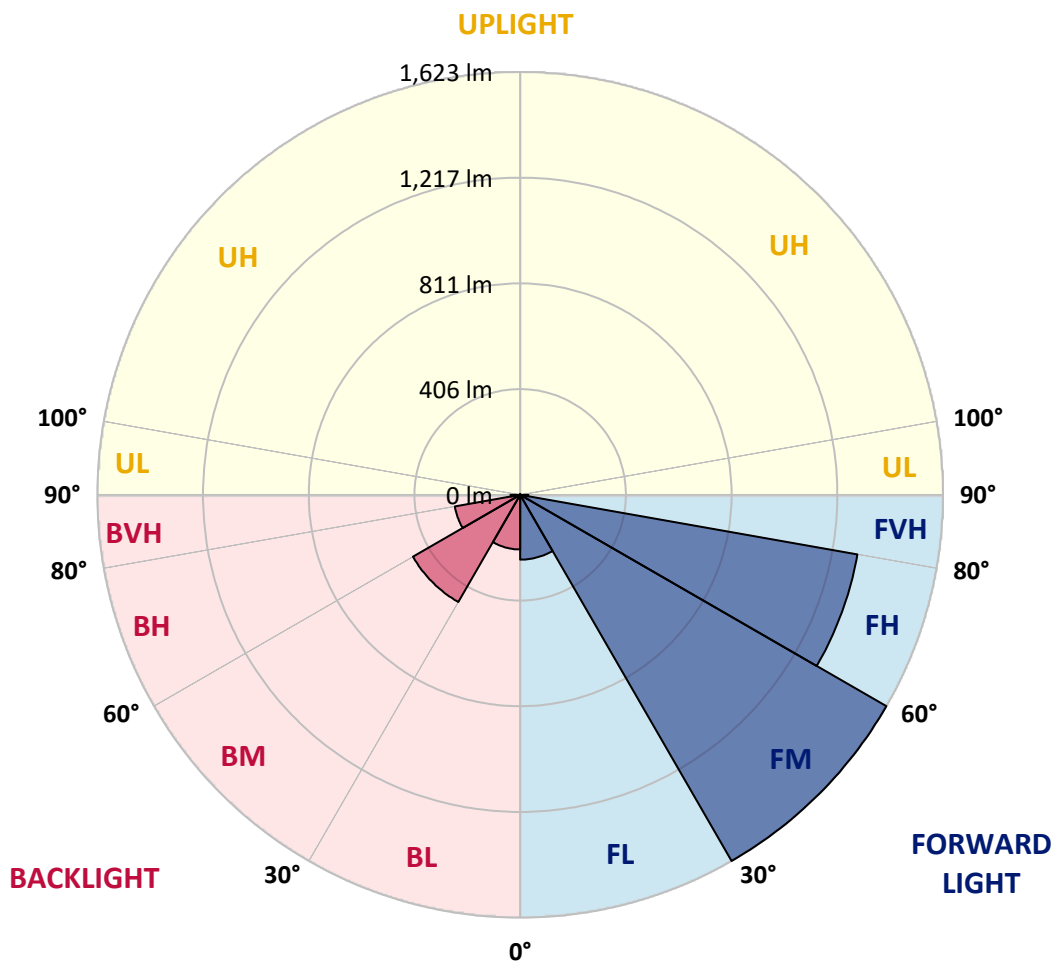
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |       |         |
|------|-------------|--------|-----------|-------------------------|-------|---------|
|      |             |        |           | B                       | U     | G       |
| FL   | (0°-30°)    | 248.8  | 5.9       |                         |       |         |
| FM   | (30°-60°)   | 1623.0 | 38.7      |                         |       |         |
| FH   | (60°-80°)   | 1314.4 | 31.3      |                         |       | G1/1800 |
| FVH  | (80°-90°)   | 31.1   | 0.7       |                         |       | G1/100  |
| BL   | (0°-30°)    | 209.8  | 5.0       | B1/500                  |       |         |
| BM   | (30°-60°)   | 475.1  | 11.3      | B1/1000                 |       |         |
| BH   | (60°-80°)   | 254.7  | 6.1       | B1/500                  |       | G1/500  |
| BVH  | (80°-90°)   | 36.6   | 0.9       |                         |       | G1/100  |
| UL   | (90°-100°)  | 1.6    | 0.0       |                         | U1/10 |         |
| UH   | (100°-180°) | 1.2    | 0.0       |                         | U1/10 |         |

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

Type III Short





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CATALOG NUMBER: ISW-AF-600-LED-E1-T3

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 57°    | 65°    | 75°    | 85°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 556.0  | 556.0  | 556.0  | 556.0  | 556.0  | 556.0  | 556.0  | 556.0  | 556.0  | 556.0  | 556.0  |
| 2.5°   | 551.7  | 552.9  | 554.1  | 553.5  | 553.5  | 553.5  | 553.5  | 552.3  | 554.1  | 554.1  | 552.9  |
| 5°     | 542.6  | 543.2  | 543.8  | 545.0  | 546.2  | 547.4  | 548.0  | 548.0  | 548.6  | 548.0  | 546.8  |
| 7.5°   | 529.2  | 529.8  | 532.2  | 532.2  | 533.5  | 535.9  | 537.0  | 538.3  | 540.1  | 540.1  | 539.5  |
| 10°    | 525.0  | 525.0  | 525.0  | 523.1  | 524.4  | 525.0  | 526.7  | 526.7  | 531.6  | 534.1  | 535.3  |
| 12.5°  | 529.8  | 529.2  | 529.2  | 524.4  | 520.1  | 518.2  | 520.1  | 520.7  | 526.1  | 529.8  | 532.2  |
| 15°    | 540.7  | 540.7  | 539.5  | 532.2  | 523.8  | 517.0  | 516.4  | 516.4  | 520.7  | 526.1  | 530.4  |
| 17.5°  | 566.2  | 568.7  | 560.2  | 548.6  | 534.7  | 523.8  | 519.5  | 518.8  | 521.9  | 526.1  | 530.4  |
| 20°    | 614.9  | 614.3  | 601.5  | 580.8  | 556.5  | 538.3  | 527.9  | 526.7  | 526.1  | 528.6  | 533.5  |
| 22.5°  | 672.6  | 670.1  | 655.0  | 628.8  | 595.5  | 562.0  | 542.0  | 539.5  | 534.7  | 536.4  | 543.2  |
| 25°    | 734.6  | 735.2  | 716.4  | 682.3  | 640.4  | 600.3  | 569.9  | 567.4  | 557.1  | 556.0  | 563.2  |
| 27.5°  | 796.6  | 804.4  | 778.9  | 746.7  | 696.8  | 648.9  | 604.6  | 600.9  | 591.8  | 588.7  | 596.1  |
| 30°    | 887.0  | 884.0  | 852.4  | 810.5  | 760.7  | 700.5  | 658.0  | 651.3  | 633.1  | 637.3  | 645.3  |
| 32.5°  | 963.6  | 970.3  | 941.7  | 891.9  | 826.3  | 763.1  | 713.9  | 710.2  | 692.6  | 697.4  | 708.4  |
| 35°    | 1057.1 | 1073.0 | 1035.3 | 974.0  | 910.7  | 845.8  | 786.8  | 777.0  | 763.1  | 772.8  | 781.3  |
| 37.5°  | 1164.1 | 1172.0 | 1142.8 | 1063.9 | 999.4  | 931.4  | 864.6  | 849.4  | 834.2  | 854.3  | 869.4  |
| 40°    | 1266.2 | 1278.9 | 1241.2 | 1174.4 | 1099.7 | 1034.7 | 961.8  | 958.7  | 923.5  | 945.4  | 984.9  |
| 42.5°  | 1417.5 | 1433.3 | 1373.1 | 1295.4 | 1227.8 | 1149.5 | 1080.2 | 1063.9 | 1025.6 | 1056.6 | 1122.8 |
| 45°    | 1523.2 | 1522.6 | 1481.8 | 1417.5 | 1376.2 | 1300.2 | 1206.7 | 1187.2 | 1145.9 | 1187.2 | 1275.9 |
| 47.5°  | 1561.4 | 1570.5 | 1556.6 | 1548.6 | 1534.1 | 1478.8 | 1340.9 | 1322.7 | 1283.8 | 1345.2 | 1427.2 |
| 50°    | 1618.0 | 1615.5 | 1615.5 | 1664.1 | 1706.1 | 1694.5 | 1498.2 | 1472.1 | 1431.4 | 1505.0 | 1622.8 |
| 52.5°  | 1632.5 | 1610.6 | 1644.7 | 1737.7 | 1870.7 | 1880.4 | 1681.1 | 1666.6 | 1618.0 | 1689.6 | 1834.9 |
| 55°    | 1591.8 | 1586.4 | 1640.4 | 1775.3 | 1984.9 | 2054.2 | 1893.2 | 1873.1 | 1818.5 | 1879.8 | 2063.9 |
| 57.5°  | 1500.7 | 1514.7 | 1601.5 | 1767.5 | 2063.9 | 2207.3 | 2125.9 | 2097.4 | 2018.9 | 2056.0 | 2291.1 |
| 60°    | 1405.3 | 1412.0 | 1526.9 | 1739.4 | 2085.2 | 2313.6 | 2370.1 | 2353.7 | 2219.4 | 2241.3 | 2459.5 |
| 62.5°  | 1299.6 | 1283.8 | 1402.9 | 1716.4 | 2061.5 | 2460.0 | 2607.1 | 2594.3 | 2435.7 | 2429.1 | 2579.2 |
| 65°    | 1004.3 | 1026.2 | 1127.6 | 1418.6 | 1899.2 | 2574.3 | 2889.6 | 2873.2 | 2677.0 | 2584.0 | 2566.4 |
| 67.5°  | 645.3  | 641.0  | 712.7  | 948.4  | 1419.2 | 2339.7 | 3037.2 | 3055.5 | 2814.9 | 2653.8 | 2390.1 |
| 70°    | 231.5  | 238.1  | 264.9  | 430.8  | 778.3  | 1559.0 | 2677.6 | 2768.1 | 2713.4 | 2523.2 | 1945.4 |
| 72.5°  | 141.0  | 141.0  | 160.4  | 193.8  | 315.4  | 739.4  | 1908.4 | 2087.6 | 2214.6 | 2079.0 | 1436.9 |
| 75°    | 110.6  | 110.0  | 116.6  | 133.7  | 170.1  | 242.4  | 1014.7 | 1153.2 | 1420.5 | 1436.3 | 817.7  |
| 77.5°  | 87.5   | 86.8   | 93.6   | 101.5  | 126.9  | 128.2  | 323.9  | 421.7  | 651.9  | 613.7  | 292.3  |
| 80°    | 70.5   | 69.9   | 74.8   | 77.1   | 93.0   | 88.7   | 130.0  | 150.7  | 228.4  | 200.5  | 126.3  |
| 82.5°  | 63.8   | 63.8   | 68.6   | 58.9   | 64.4   | 62.6   | 80.8   | 86.2   | 114.9  | 119.1  | 75.9   |
| 85°    | 41.3   | 42.6   | 64.4   | 57.1   | 41.9   | 38.3   | 51.7   | 54.7   | 71.7   | 78.4   | 37.0   |
| 87.5°  | 19.4   | 21.3   | 49.2   | 47.4   | 27.9   | 20.7   | 29.2   | 31.0   | 38.9   | 48.0   | 21.9   |
| 90°    | 3.7    | 3.7    | 6.0    | 6.6    | 3.7    | 3.7    | 4.9    | 4.3    | 4.3    | 6.0    | 6.0    |
| 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    |
| 110°   | 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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CATALOG NUMBER: ISW-AF-600-LED-E1-T3

**CANDELA DISTRIBUTION (continued):**

|        | 0°  | 5°  | 15° | 25° | 35° | 45° | 55° | 57° | 65° | 75° | 85° |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 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 |





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**CANDELA DISTRIBUTION (continued):**

|        | 90°    | 95°    | 105°  | 115°  | 125°  | 135°  | 145°  | 155°  | 165°  | 175°  | 180°  |
|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 556.0  | 556.0  | 556.0 | 556.0 | 556.0 | 556.0 | 556.0 | 556.0 | 556.0 | 556.0 | 556.0 |
| 2.5°   | 554.7  | 553.5  | 554.1 | 554.7 | 555.4 | 557.1 | 557.7 | 557.7 | 557.7 | 557.1 | 558.3 |
| 5°     | 548.0  | 546.8  | 546.8 | 548.6 | 550.4 | 552.9 | 556.5 | 559.6 | 560.8 | 561.4 | 561.4 |
| 7.5°   | 540.7  | 539.5  | 540.1 | 543.2 | 546.2 | 548.0 | 551.7 | 553.5 | 558.3 | 558.3 | 559.6 |
| 10°    | 535.9  | 537.0  | 537.7 | 540.7 | 543.2 | 543.2 | 542.6 | 541.3 | 540.1 | 543.2 | 542.0 |
| 12.5°  | 532.9  | 534.7  | 534.1 | 537.7 | 538.9 | 534.1 | 526.7 | 517.0 | 515.9 | 517.0 | 518.2 |
| 15°    | 531.6  | 531.6  | 533.5 | 533.5 | 527.3 | 517.6 | 508.5 | 509.1 | 510.4 | 514.0 | 514.0 |
| 17.5°  | 531.6  | 532.2  | 533.5 | 529.2 | 518.2 | 509.7 | 507.9 | 506.1 | 499.4 | 497.6 | 495.8 |
| 20°    | 535.9  | 534.7  | 535.9 | 527.9 | 518.2 | 511.6 | 497.6 | 484.3 | 471.5 | 466.0 | 463.6 |
| 22.5°  | 546.2  | 544.4  | 543.8 | 535.9 | 523.8 | 501.2 | 473.9 | 453.3 | 431.4 | 424.1 | 421.7 |
| 25°    | 564.5  | 563.9  | 559.6 | 554.1 | 520.1 | 476.3 | 441.7 | 408.9 | 385.2 | 372.5 | 373.1 |
| 27.5°  | 596.6  | 596.6  | 594.2 | 569.9 | 501.2 | 445.4 | 398.5 | 365.2 | 340.8 | 328.7 | 326.8 |
| 30°    | 645.3  | 646.4  | 647.6 | 574.2 | 471.5 | 399.8 | 351.2 | 328.7 | 314.1 | 305.0 | 304.4 |
| 32.5°  | 705.4  | 712.1  | 704.2 | 569.3 | 430.8 | 344.5 | 314.1 | 306.2 | 298.9 | 292.9 | 292.3 |
| 35°    | 785.0  | 803.2  | 753.4 | 549.8 | 385.2 | 306.8 | 291.6 | 286.1 | 280.7 | 276.4 | 277.0 |
| 37.5°  | 891.9  | 909.5  | 785.0 | 517.0 | 326.8 | 285.5 | 278.9 | 270.4 | 261.9 | 252.8 | 251.5 |
| 40°    | 1018.2 | 1012.8 | 796.0 | 455.1 | 290.4 | 275.3 | 266.1 | 255.2 | 240.6 | 227.2 | 224.8 |
| 42.5°  | 1144.7 | 1108.2 | 786.8 | 378.5 | 266.7 | 266.1 | 253.4 | 239.4 | 224.8 | 213.3 | 213.3 |
| 45°    | 1286.3 | 1192.0 | 758.8 | 306.8 | 247.9 | 256.4 | 240.6 | 226.0 | 212.7 | 204.2 | 203.6 |
| 47.5°  | 1419.9 | 1270.4 | 712.7 | 255.7 | 229.0 | 243.7 | 230.9 | 217.5 | 204.8 | 197.4 | 195.6 |
| 50°    | 1576.7 | 1359.7 | 677.4 | 221.2 | 210.8 | 230.9 | 225.5 | 213.3 | 201.1 | 192.6 | 191.4 |
| 52.5°  | 1735.2 | 1446.7 | 650.7 | 197.4 | 194.5 | 221.2 | 223.0 | 215.6 | 203.0 | 186.5 | 185.4 |
| 55°    | 1901.1 | 1555.4 | 597.2 | 178.6 | 179.8 | 213.9 | 226.0 | 220.5 | 211.4 | 184.7 | 183.5 |
| 57.5°  | 2040.2 | 1655.6 | 503.7 | 165.8 | 168.3 | 208.4 | 227.2 | 216.9 | 206.5 | 185.9 | 184.1 |
| 60°    | 2149.0 | 1724.3 | 369.4 | 155.5 | 157.9 | 202.3 | 221.8 | 204.2 | 190.8 | 185.9 | 182.9 |
| 62.5°  | 2182.4 | 1726.7 | 245.5 | 143.4 | 150.1 | 192.0 | 212.1 | 197.4 | 181.7 | 184.1 | 182.9 |
| 65°    | 2098.6 | 1635.6 | 175.5 | 131.9 | 143.4 | 179.8 | 207.8 | 190.8 | 177.4 | 187.1 | 185.9 |
| 67.5°  | 1840.3 | 1377.9 | 141.0 | 122.8 | 134.3 | 167.0 | 199.9 | 184.7 | 173.8 | 193.8 | 190.2 |
| 70°    | 1433.9 | 988.5  | 119.7 | 113.6 | 124.6 | 155.0 | 188.9 | 178.0 | 168.9 | 188.3 | 183.5 |
| 72.5°  | 945.4  | 582.1  | 105.7 | 105.2 | 113.0 | 144.6 | 176.8 | 172.0 | 161.0 | 170.7 | 163.5 |
| 75°    | 493.4  | 269.8  | 91.8  | 95.3  | 100.2 | 135.4 | 165.8 | 161.0 | 148.8 | 152.5 | 150.1 |
| 77.5°  | 193.8  | 126.3  | 79.6  | 83.9  | 89.3  | 122.1 | 151.9 | 147.0 | 136.7 | 133.7 | 133.1 |
| 80°    | 106.3  | 85.1   | 66.2  | 71.7  | 75.3  | 110.0 | 137.3 | 131.9 | 120.9 | 119.1 | 117.2 |
| 82.5°  | 67.4   | 55.2   | 54.7  | 58.3  | 63.2  | 97.8  | 123.4 | 114.9 | 105.7 | 124.6 | 100.9 |
| 85°    | 31.6   | 32.8   | 38.9  | 43.8  | 49.2  | 83.3  | 107.5 | 98.4  | 89.3  | 86.8  | 77.1  |
| 87.5°  | 17.6   | 21.9   | 25.5  | 29.8  | 34.1  | 58.3  | 85.1  | 76.5  | 66.8  | 57.1  | 58.9  |
| 90°    | 4.3    | 4.3    | 7.3   | 6.6   | 7.3   | 8.5   | 41.9  | 37.6  | 33.5  | 15.8  | 10.3  |
| 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   |
| 110°   | 0.0    | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |



REPORT NUMBER: P226400

CATALOG NUMBER: ISW-AF-600-LED-E1-T3

**CANDELA DISTRIBUTION (continued):**

|        | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|-----|-----|------|------|------|------|------|------|------|------|------|
| 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  |

(END OF REPORT)