

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: P226417

Luminaire Tested: **ISW-AF-1200-LED-E1-T3-7060**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P226417
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-1200-LED-E1-T3-7060
Description: IMPACT ELITE LED WEDGE LUMINAIRE
LIGHT SQUARE WITH ACCULED OPTICS-TYPE III
Light Source: (16) 5700K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6904.9 lumens
Efficiency: N/A
Efficacy: 104.6 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 - G2

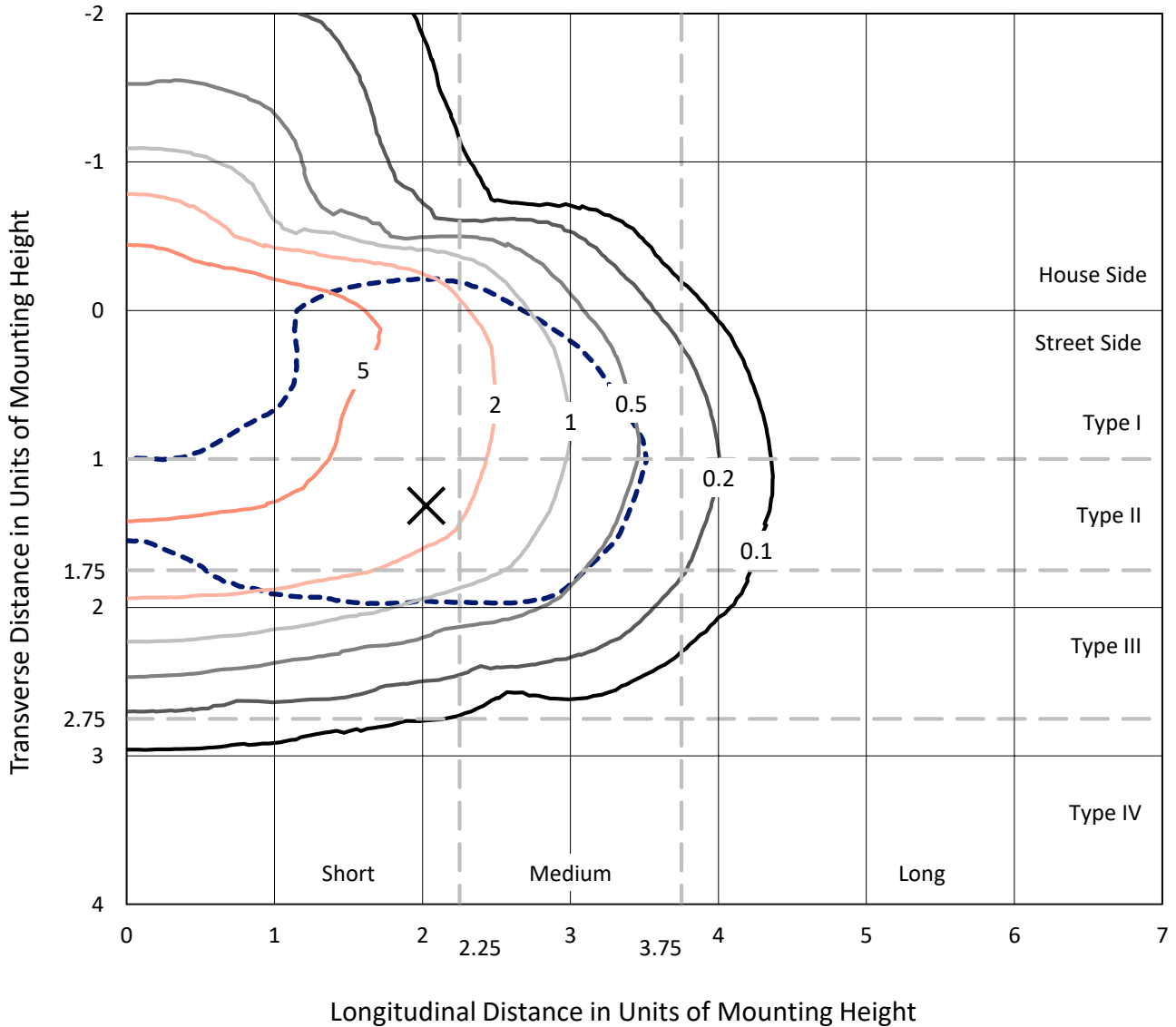
Input Watts (W): 66
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

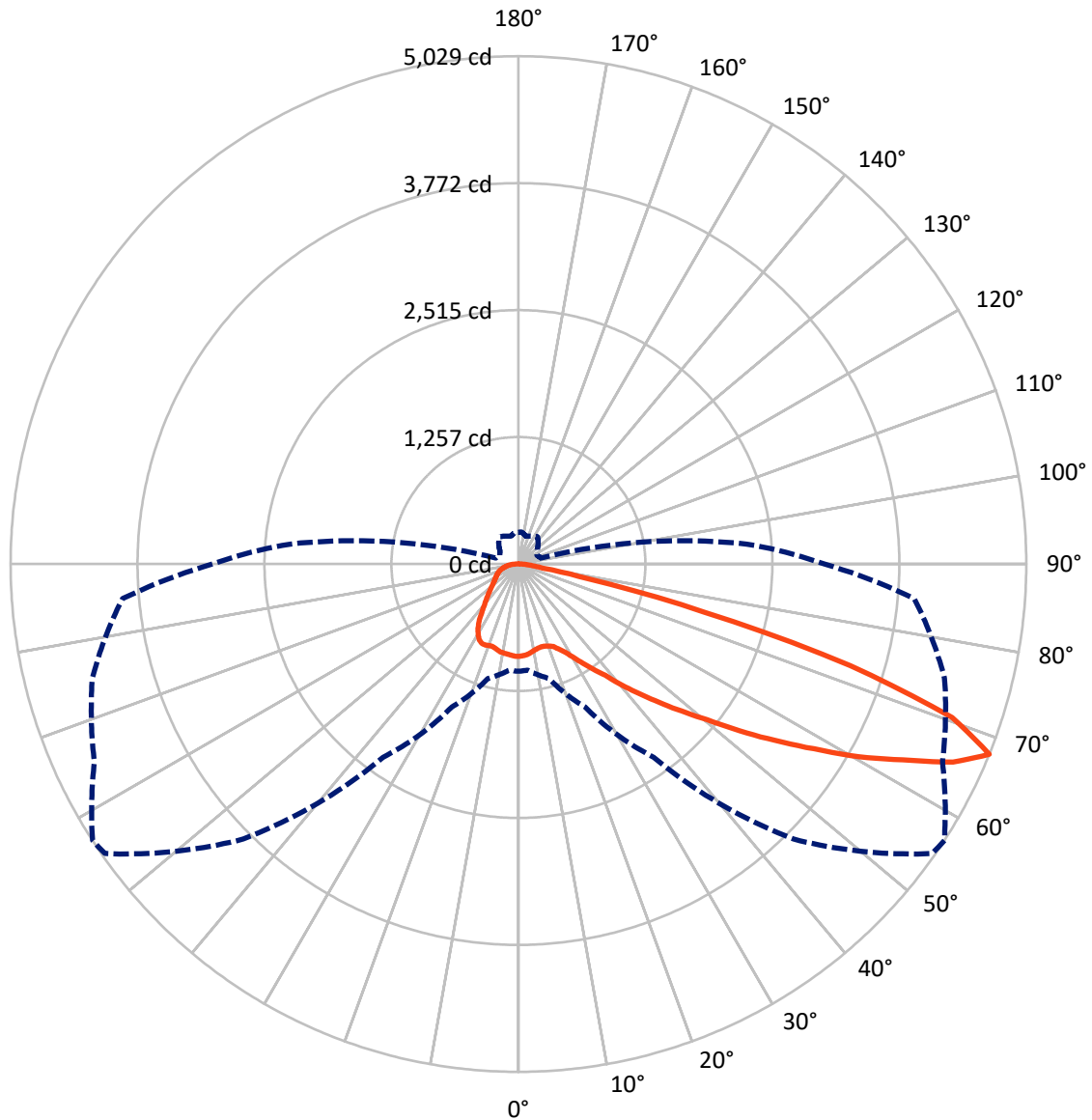
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 9.6 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 |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 1606.8 | 2.0 | 1608.9 |
| | % Fixture | 23.3 | 0.0 | 23.3 |
| Street Side | Lumens | 5295.5 | 0.6 | 5296.1 |
| | % Fixture | 76.7 | 0.0 | 76.7 |
| Total | Lumens | 6902.4 | 2.6 | 6904.9 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 85.5 | 1.2 |
| 10°-20° | 246.0 | 3.6 |
| 20°-30° | 423.3 | 6.1 |
| 30°-40° | 688.2 | 10.0 |
| 40°-50° | 1110.2 | 16.1 |
| 50°-60° | 1655.1 | 24.0 |
| 60°-70° | 1864.1 | 27.0 |
| 70°-80° | 718.6 | 10.4 |
| 80°-90° | 111.4 | 1.6 |
| 90°-100° | 2.6 | 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° | 6902.4 | 100.0 |
| 0°-180° | 6904.9 | 100.0 |



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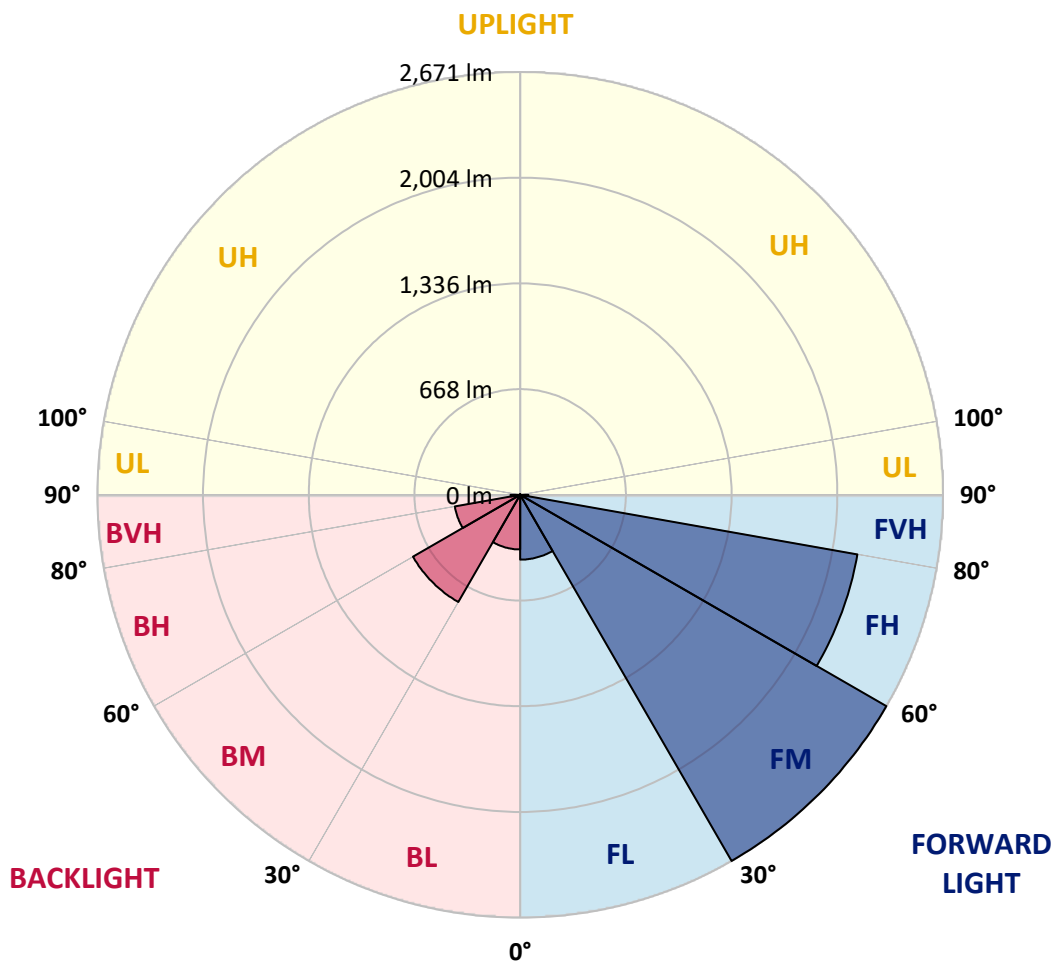
CATALOG NUMBER: ISW-AF-1200-LED-E1-T3-7060

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|-------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 409.6 | 5.9 | | | |
| FM | (30°-60°) | 2671.4 | 38.7 | | | |
| FH | (60°-80°) | 2163.4 | 31.3 | | | G2/5000 |
| FVH | (80°-90°) | 51.1 | 0.7 | | | G1/100 |
| BL | (0°-30°) | 345.3 | 5.0 | B1/500 | | |
| BM | (30°-60°) | 782.1 | 11.3 | B1/1000 | | |
| BH | (60°-80°) | 419.3 | 6.1 | B1/500 | | G1/500 |
| BVH | (80°-90°) | 60.2 | 0.9 | | | G1/100 |
| UL | (90°-100°) | 2.6 | 0.0 | | U1/10 | |
| UH | (100°-180°) | 2.0 | 0.0 | | U1/10 | |

BUG Rating: B1-U1-G2

Type III Short





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CATALOG NUMBER: ISW-AF-1200-LED-E1-T3-7060

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 57° | 65° | 75° | 85° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 915.0 | 915.0 | 915.0 | 915.0 | 915.0 | 915.0 | 915.0 | 915.0 | 915.0 | 915.0 | 915.0 |
| 2.5° | 908.0 | 910.0 | 912.0 | 911.0 | 911.0 | 911.0 | 911.0 | 911.0 | 912.0 | 912.0 | 910.0 |
| 5° | 893.0 | 894.0 | 895.0 | 897.0 | 899.0 | 901.0 | 902.0 | 902.0 | 903.0 | 902.0 | 900.0 |
| 7.5° | 871.0 | 872.0 | 876.0 | 876.0 | 878.0 | 882.0 | 884.0 | 886.0 | 889.0 | 889.0 | 888.0 |
| 10° | 864.0 | 864.0 | 864.0 | 861.0 | 863.0 | 864.0 | 867.0 | 867.0 | 875.0 | 879.0 | 881.0 |
| 12.5° | 872.0 | 871.0 | 871.0 | 863.0 | 856.0 | 853.0 | 856.0 | 857.0 | 866.0 | 872.0 | 876.0 |
| 15° | 890.0 | 890.0 | 888.0 | 876.0 | 862.0 | 851.0 | 850.0 | 850.0 | 857.0 | 866.0 | 873.0 |
| 17.5° | 932.0 | 936.0 | 922.0 | 903.0 | 880.0 | 862.0 | 855.0 | 854.0 | 859.0 | 866.0 | 873.0 |
| 20° | 1012.0 | 1011.0 | 990.0 | 956.0 | 916.0 | 886.0 | 869.0 | 867.0 | 866.0 | 870.0 | 878.0 |
| 22.5° | 1107.1 | 1103.1 | 1078.0 | 1035.0 | 980.0 | 925.0 | 892.0 | 888.0 | 880.0 | 883.0 | 894.0 |
| 25° | 1209.1 | 1210.1 | 1179.1 | 1123.1 | 1054.0 | 988.0 | 938.0 | 934.0 | 917.0 | 915.0 | 927.0 |
| 27.5° | 1311.1 | 1324.1 | 1282.1 | 1229.1 | 1147.1 | 1068.0 | 995.0 | 989.0 | 974.0 | 969.0 | 981.0 |
| 30° | 1460.1 | 1455.1 | 1403.1 | 1334.1 | 1252.1 | 1153.1 | 1083.1 | 1072.0 | 1042.0 | 1049.0 | 1062.0 |
| 32.5° | 1586.1 | 1597.1 | 1550.1 | 1468.1 | 1360.1 | 1256.1 | 1175.1 | 1169.1 | 1140.1 | 1148.1 | 1166.1 |
| 35° | 1740.1 | 1766.1 | 1704.1 | 1603.1 | 1499.1 | 1392.1 | 1295.1 | 1279.1 | 1256.1 | 1272.1 | 1286.1 |
| 37.5° | 1916.1 | 1929.1 | 1881.1 | 1751.1 | 1645.1 | 1533.1 | 1423.1 | 1398.1 | 1373.1 | 1406.1 | 1431.1 |
| 40° | 2084.1 | 2105.1 | 2043.1 | 1933.1 | 1810.1 | 1703.1 | 1583.1 | 1578.1 | 1520.1 | 1556.1 | 1621.1 |
| 42.5° | 2333.1 | 2359.1 | 2260.1 | 2132.1 | 2021.1 | 1892.1 | 1778.1 | 1751.1 | 1688.1 | 1739.1 | 1848.1 |
| 45° | 2507.1 | 2506.1 | 2439.1 | 2333.1 | 2265.1 | 2140.1 | 1986.1 | 1954.1 | 1886.1 | 1954.1 | 2100.1 |
| 47.5° | 2570.1 | 2585.1 | 2562.1 | 2549.1 | 2525.1 | 2434.1 | 2207.1 | 2177.1 | 2113.1 | 2214.1 | 2349.1 |
| 50° | 2663.1 | 2659.1 | 2659.1 | 2739.1 | 2808.1 | 2789.1 | 2466.1 | 2423.1 | 2356.1 | 2477.1 | 2671.1 |
| 52.5° | 2687.1 | 2651.1 | 2707.1 | 2860.1 | 3079.1 | 3095.1 | 2767.1 | 2743.1 | 2663.1 | 2781.1 | 3020.1 |
| 55° | 2620.1 | 2611.1 | 2700.1 | 2922.1 | 3267.2 | 3381.2 | 3116.1 | 3083.1 | 2993.1 | 3094.1 | 3397.2 |
| 57.5° | 2470.1 | 2493.1 | 2636.1 | 2909.1 | 3397.2 | 3633.2 | 3499.2 | 3452.2 | 3323.2 | 3384.2 | 3771.2 |
| 60° | 2313.1 | 2324.1 | 2513.1 | 2863.1 | 3432.2 | 3808.2 | 3901.2 | 3874.2 | 3653.2 | 3689.2 | 4048.2 |
| 62.5° | 2139.1 | 2113.1 | 2309.1 | 2825.1 | 3393.2 | 4049.2 | 4291.2 | 4270.2 | 4009.2 | 3998.2 | 4245.2 |
| 65° | 1653.1 | 1689.1 | 1856.1 | 2335.1 | 3126.1 | 4237.2 | 4756.2 | 4729.2 | 4406.2 | 4253.2 | 4224.2 |
| 67.5° | 1062.0 | 1055.0 | 1173.1 | 1561.1 | 2336.1 | 3851.2 | 4999.2 | 5029.2 | 4633.2 | 4368.2 | 3934.2 |
| 70° | 381.0 | 392.0 | 436.0 | 709.0 | 1281.1 | 2566.1 | 4407.2 | 4556.2 | 4466.2 | 4153.2 | 3202.1 |
| 72.5° | 232.0 | 232.0 | 264.0 | 319.0 | 519.0 | 1217.1 | 3141.1 | 3436.2 | 3645.2 | 3422.2 | 2365.1 |
| 75° | 182.0 | 181.0 | 192.0 | 220.0 | 280.0 | 399.0 | 1670.1 | 1898.1 | 2338.1 | 2364.1 | 1346.1 |
| 77.5° | 144.0 | 143.0 | 154.0 | 167.0 | 209.0 | 211.0 | 533.0 | 694.0 | 1073.0 | 1010.0 | 481.0 |
| 80° | 116.0 | 115.0 | 123.0 | 127.0 | 153.0 | 146.0 | 214.0 | 248.0 | 376.0 | 330.0 | 208.0 |
| 82.5° | 105.0 | 105.0 | 113.0 | 97.0 | 106.0 | 103.0 | 133.0 | 142.0 | 189.0 | 196.0 | 125.0 |
| 85° | 68.0 | 70.0 | 106.0 | 94.0 | 69.0 | 63.0 | 85.0 | 90.0 | 118.0 | 129.0 | 61.0 |
| 87.5° | 32.0 | 35.0 | 81.0 | 78.0 | 46.0 | 34.0 | 48.0 | 51.0 | 64.0 | 79.0 | 36.0 |
| 90° | 6.0 | 6.0 | 10.0 | 11.0 | 6.0 | 6.0 | 8.0 | 7.0 | 7.0 | 10.0 | 10.0 |
| 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 |



REPORT NUMBER: P226417

CATALOG NUMBER: ISW-AF-1200-LED-E1-T3-7060

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 |



REPORT NUMBER: P226417

CATALOG NUMBER: ISW-AF-1200-LED-E1-T3-7060

CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 915.0 | 915.0 | 915.0 | 915.0 | 915.0 | 915.0 | 915.0 | 915.0 | 915.0 | 915.0 | 915.0 |
| 2.5° | 913.0 | 911.0 | 912.0 | 913.0 | 914.0 | 917.0 | 918.0 | 918.0 | 918.0 | 917.0 | 919.0 |
| 5° | 902.0 | 900.0 | 900.0 | 903.0 | 906.0 | 910.0 | 916.0 | 921.0 | 923.0 | 924.0 | 924.0 |
| 7.5° | 890.0 | 888.0 | 889.0 | 894.0 | 899.0 | 902.0 | 908.0 | 911.0 | 919.0 | 919.0 | 921.0 |
| 10° | 882.0 | 884.0 | 885.0 | 890.0 | 894.0 | 894.0 | 893.0 | 891.0 | 889.0 | 894.0 | 892.0 |
| 12.5° | 877.0 | 880.0 | 879.0 | 885.0 | 887.0 | 879.0 | 867.0 | 851.0 | 849.0 | 851.0 | 853.0 |
| 15° | 875.0 | 875.0 | 878.0 | 878.0 | 868.0 | 852.0 | 837.0 | 838.0 | 840.0 | 846.0 | 846.0 |
| 17.5° | 875.0 | 876.0 | 878.0 | 871.0 | 853.0 | 839.0 | 836.0 | 833.0 | 822.0 | 819.0 | 816.0 |
| 20° | 882.0 | 880.0 | 882.0 | 869.0 | 853.0 | 842.0 | 819.0 | 797.0 | 776.0 | 767.0 | 763.0 |
| 22.5° | 899.0 | 896.0 | 895.0 | 882.0 | 862.0 | 825.0 | 780.0 | 746.0 | 710.0 | 698.0 | 694.0 |
| 25° | 929.0 | 928.0 | 921.0 | 912.0 | 856.0 | 784.0 | 727.0 | 673.0 | 634.0 | 613.0 | 614.0 |
| 27.5° | 982.0 | 982.0 | 978.0 | 938.0 | 825.0 | 733.0 | 656.0 | 601.0 | 561.0 | 541.0 | 538.0 |
| 30° | 1062.0 | 1064.0 | 1066.0 | 945.0 | 776.0 | 658.0 | 578.0 | 541.0 | 517.0 | 502.0 | 501.0 |
| 32.5° | 1161.1 | 1172.1 | 1159.1 | 937.0 | 709.0 | 567.0 | 517.0 | 504.0 | 492.0 | 482.0 | 481.0 |
| 35° | 1292.1 | 1322.1 | 1240.1 | 905.0 | 634.0 | 505.0 | 480.0 | 471.0 | 462.0 | 455.0 | 456.0 |
| 37.5° | 1468.1 | 1497.1 | 1292.1 | 851.0 | 538.0 | 470.0 | 459.0 | 445.0 | 431.0 | 416.0 | 414.0 |
| 40° | 1676.1 | 1667.1 | 1310.1 | 749.0 | 478.0 | 453.0 | 438.0 | 420.0 | 396.0 | 374.0 | 370.0 |
| 42.5° | 1884.1 | 1824.1 | 1295.1 | 623.0 | 439.0 | 438.0 | 417.0 | 394.0 | 370.0 | 351.0 | 351.0 |
| 45° | 2117.1 | 1962.1 | 1249.1 | 505.0 | 408.0 | 422.0 | 396.0 | 372.0 | 350.0 | 336.0 | 335.0 |
| 47.5° | 2337.1 | 2091.1 | 1173.1 | 421.0 | 377.0 | 401.0 | 380.0 | 358.0 | 337.0 | 325.0 | 322.0 |
| 50° | 2595.1 | 2238.1 | 1115.1 | 364.0 | 347.0 | 380.0 | 371.0 | 351.0 | 331.0 | 317.0 | 315.0 |
| 52.5° | 2856.1 | 2381.1 | 1071.0 | 325.0 | 320.0 | 364.0 | 367.0 | 355.0 | 334.0 | 307.0 | 305.0 |
| 55° | 3129.1 | 2560.1 | 983.0 | 294.0 | 296.0 | 352.0 | 372.0 | 363.0 | 348.0 | 304.0 | 302.0 |
| 57.5° | 3358.2 | 2725.1 | 829.0 | 273.0 | 277.0 | 343.0 | 374.0 | 357.0 | 340.0 | 306.0 | 303.0 |
| 60° | 3537.2 | 2838.1 | 608.0 | 256.0 | 260.0 | 333.0 | 365.0 | 336.0 | 314.0 | 306.0 | 301.0 |
| 62.5° | 3592.2 | 2842.1 | 404.0 | 236.0 | 247.0 | 316.0 | 349.0 | 325.0 | 299.0 | 303.0 | 301.0 |
| 65° | 3454.2 | 2692.1 | 289.0 | 217.0 | 236.0 | 296.0 | 342.0 | 314.0 | 292.0 | 308.0 | 306.0 |
| 67.5° | 3029.1 | 2268.1 | 232.0 | 202.0 | 221.0 | 275.0 | 329.0 | 304.0 | 286.0 | 319.0 | 313.0 |
| 70° | 2360.1 | 1627.1 | 197.0 | 187.0 | 205.0 | 255.0 | 311.0 | 293.0 | 278.0 | 310.0 | 302.0 |
| 72.5° | 1556.1 | 958.0 | 174.0 | 173.0 | 186.0 | 238.0 | 291.0 | 283.0 | 265.0 | 281.0 | 269.0 |
| 75° | 812.0 | 444.0 | 151.0 | 157.0 | 165.0 | 223.0 | 273.0 | 265.0 | 245.0 | 251.0 | 247.0 |
| 77.5° | 319.0 | 208.0 | 131.0 | 138.0 | 147.0 | 201.0 | 250.0 | 242.0 | 225.0 | 220.0 | 219.0 |
| 80° | 175.0 | 140.0 | 109.0 | 118.0 | 124.0 | 181.0 | 226.0 | 217.0 | 199.0 | 196.0 | 193.0 |
| 82.5° | 111.0 | 91.0 | 90.0 | 96.0 | 104.0 | 161.0 | 203.0 | 189.0 | 174.0 | 205.0 | 166.0 |
| 85° | 52.0 | 54.0 | 64.0 | 72.0 | 81.0 | 137.0 | 177.0 | 162.0 | 147.0 | 143.0 | 127.0 |
| 87.5° | 29.0 | 36.0 | 42.0 | 49.0 | 56.0 | 96.0 | 140.0 | 126.0 | 110.0 | 94.0 | 97.0 |
| 90° | 7.0 | 7.0 | 12.0 | 11.0 | 12.0 | 14.0 | 69.0 | 62.0 | 55.0 | 26.0 | 17.0 |
| 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 |



REPORT NUMBER: P226417

CATALOG NUMBER: ISW-AF-1200-LED-E1-T3-7060

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)