

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: STREETWORKS

Report Number: P588471

Luminaire Tested: **ARC-CA6-60-727-U-33-6-5-X**

Issue Date: 11/30/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P588471  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2107-308-14)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 11/30/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: ARC-CA6-60-727-U-33-6-5-X  
Description: GENERATIONS SERIES AVENUE WITH AVENUE CAGE AND TYPE III REFRACTOR  
Light Source: (6) 2700K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5738 lumens  
Efficiency: N/A  
Efficacy: 89.2 lumens/watt  
Luminous Opening: Vertical Cylinder (Dia: 1.33' x H: 1.25')  
IES Classification: Type III - Short - Non-Cutoff  
BUG Rating: B3 - U3 - G3

Input Watts (W): 64.3  
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



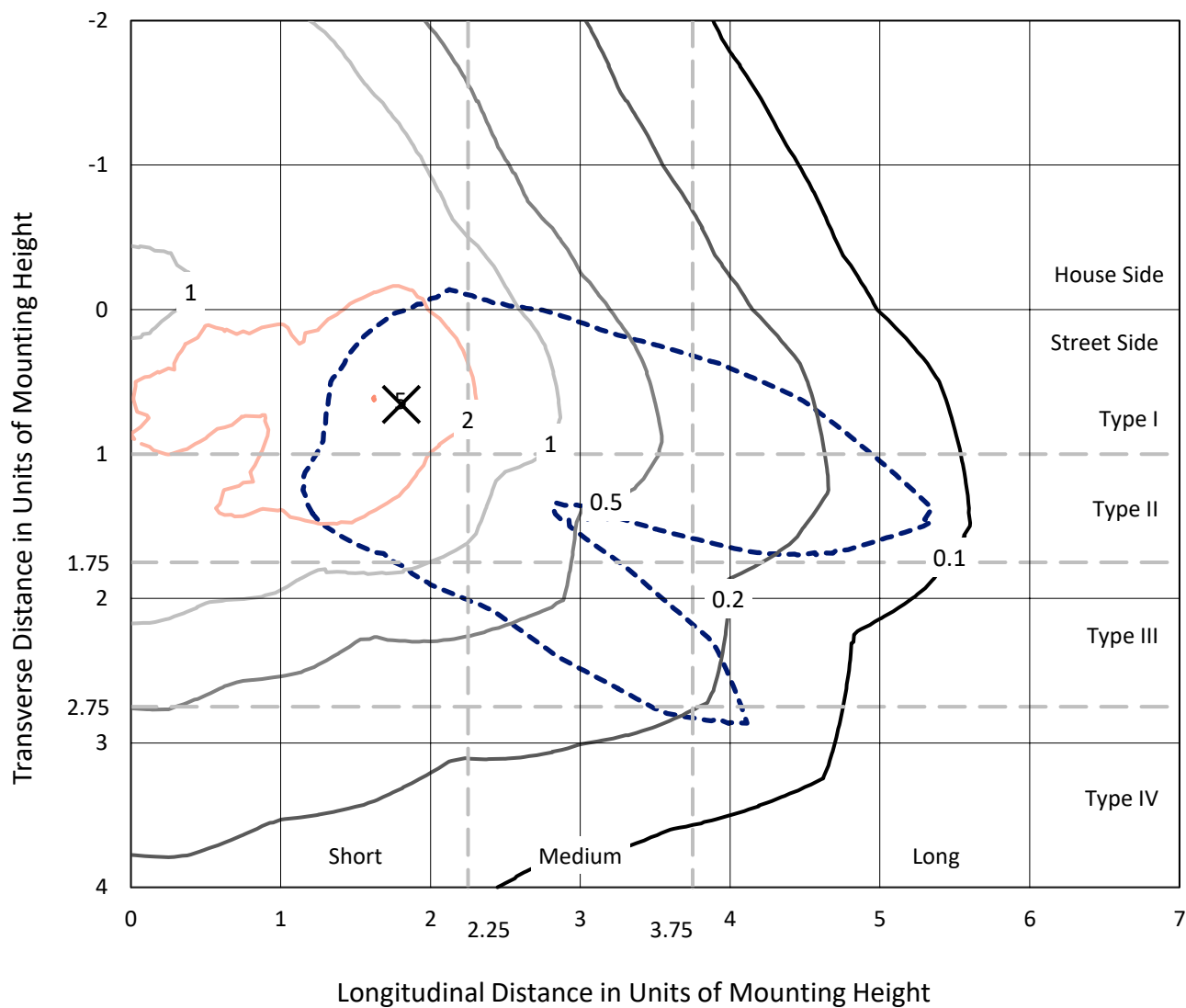
REPORT NUMBER: P588471

CATALOG NUMBER: ARC-CA6-60-727-U-33-6-5-X

## Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd

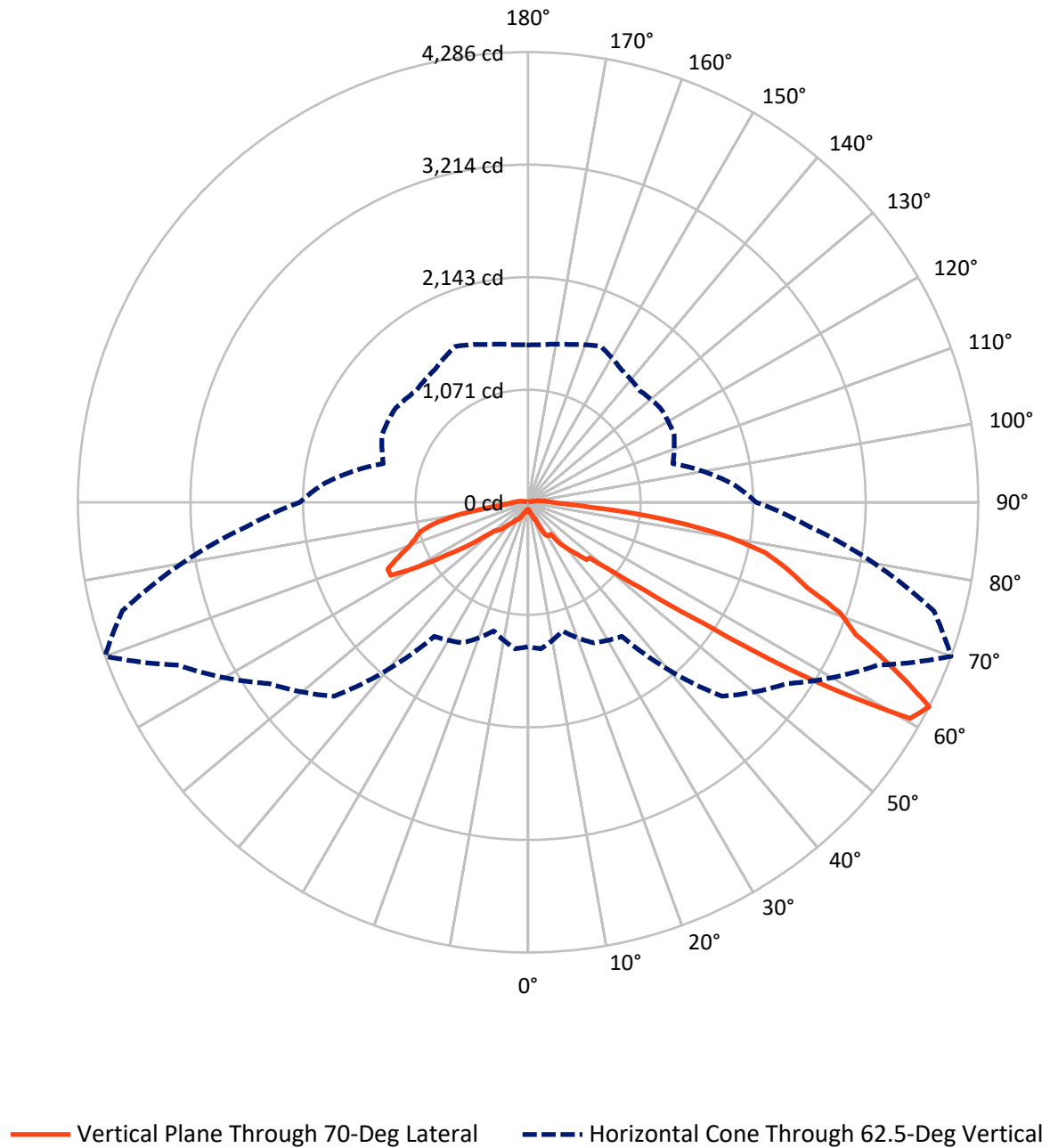


Based on 10 foot mounting height. Maximum calculated value = 5 fc  
 Type III - Short - Non-Cutoff

REPORT NUMBER: P588471

CATALOG NUMBER: ARC-CA6-60-727-U-33-6-5-X

## Luminous Intensity Polar Plot



REPORT NUMBER: P588471

CATALOG NUMBER: ARC-CA6-60-727-U-33-6-5-X

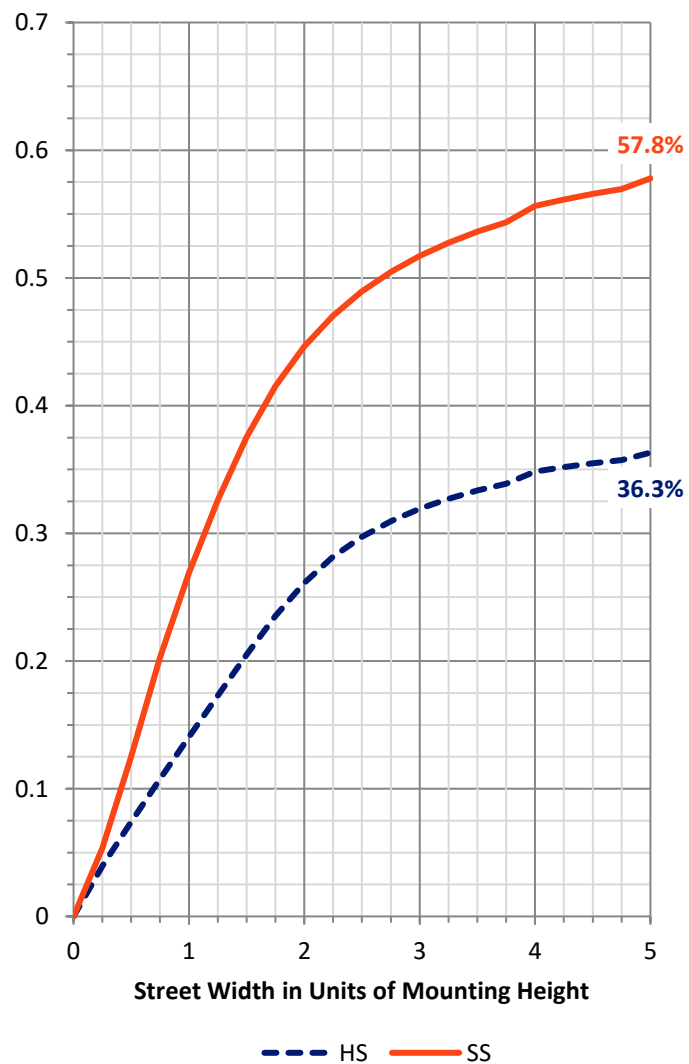
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 2126.6   | 78.0   | 2204.6 |
|                    | % Fixture | 37.1     | 1.4    | 38.4   |
| <b>Street Side</b> | Lumens    | 3426.3   | 107.1  | 3533.4 |
|                    | % Fixture | 59.7     | 1.9    | 61.6   |
| <b>Total</b>       | Lumens    | 5552.9   | 185.1  | 5738.0 |
|                    | % Fixture | 96.8     | 3.2    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 7.3    | 0.1       |
| 10°-20°   | 31.2   | 0.5       |
| 20°-30°   | 96.8   | 1.7       |
| 30°-40°   | 207.6  | 3.6       |
| 40°-50°   | 388.9  | 6.8       |
| 50°-60°   | 1009.3 | 17.6      |
| 60°-70°   | 1848.8 | 32.2      |
| 70°-80°   | 1482.9 | 25.8      |
| 80°-90°   | 480.2  | 8.4       |
| 90°-100°  | 126.5  | 2.2       |
| 100°-110° | 41.2   | 0.7       |
| 110°-120° | 16.2   | 0.3       |
| 120°-130° | 1.3    | 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°    | 5552.9 | 96.8      |
| 0°-180°   | 5738.0 | 100.0     |

**Coefficient of Utilization**



REPORT NUMBER: P588471

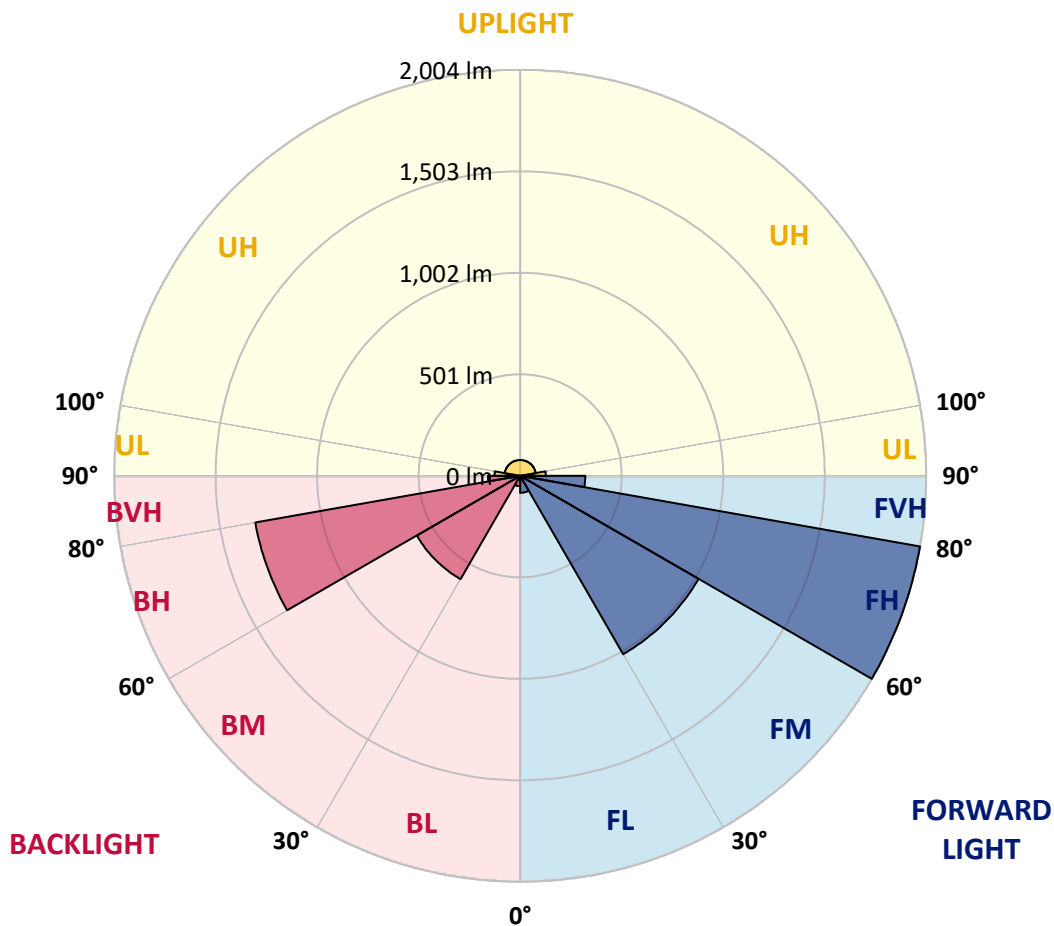
CATALOG NUMBER: ARC-CA6-60-727-U-33-6-5-X

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |        |         |
|------|-------------|--------|-----------|-------------------------|--------|---------|
|      |             |        |           | B                       | U      | G       |
| FL   | (0°-30°)    | 84.2   | 1.5       |                         |        |         |
| FM   | (30°-60°)   | 1016.7 | 17.7      |                         |        |         |
| FH   | (60°-80°)   | 2004.1 | 34.9      |                         |        | G2/5000 |
| FVH  | (80°-90°)   | 321.2  | 5.6       |                         |        | G3/500  |
| BL   | (0°-30°)    | 51.1   | 0.9       | B0/110                  |        |         |
| BM   | (30°-60°)   | 589.1  | 10.3      | B1/1000                 |        |         |
| BH   | (60°-80°)   | 1327.5 | 23.1      | B3/2500                 |        | G3/2500 |
| BVH  | (80°-90°)   | 158.9  | 2.8       |                         |        | G2/225  |
| UL   | (90°-100°)  | 126.5  | 2.2       |                         | U3/500 |         |
| UH   | (100°-180°) | 78.0   | 1.4       |                         | U3/500 |         |

**BUG Rating: B3-U3-G3**

Type III Short



REPORT NUMBER: P588471

CATALOG NUMBER: ARC-CA6-60-727-U-33-6-5-X

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 70°    | 75°    | 85°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 68.0   | 68.0   | 68.0   | 68.0   | 68.0   | 68.0   | 68.0   | 68.0   | 68.0   | 68.0   | 68.0   |
| 2.5°   | 73.5   | 73.5   | 73.5   | 72.4   | 71.3   | 70.2   | 69.1   | 69.1   | 68.0   | 66.9   | 65.8   |
| 5°     | 80.1   | 79.0   | 77.9   | 75.7   | 74.6   | 74.6   | 73.5   | 73.5   | 73.5   | 72.4   | 71.3   |
| 7.5°   | 88.9   | 88.9   | 87.8   | 86.7   | 85.6   | 84.5   | 83.4   | 82.3   | 82.3   | 81.2   | 80.1   |
| 10°    | 100.9  | 100.9  | 100.9  | 99.8   | 99.8   | 98.7   | 96.5   | 95.4   | 93.2   | 92.1   | 88.9   |
| 12.5°  | 113.0  | 114.1  | 111.9  | 111.9  | 111.9  | 110.8  | 108.6  | 107.5  | 105.3  | 103.1  | 98.7   |
| 15°    | 125.0  | 124.0  | 122.9  | 121.8  | 124.0  | 124.0  | 122.9  | 122.9  | 118.5  | 115.2  | 107.5  |
| 17.5°  | 136.0  | 136.0  | 137.1  | 137.1  | 140.4  | 139.3  | 139.3  | 138.2  | 136.0  | 130.5  | 120.7  |
| 20°    | 153.6  | 154.7  | 154.7  | 154.7  | 165.6  | 170.0  | 171.1  | 172.2  | 168.9  | 158.0  | 138.2  |
| 22.5°  | 171.1  | 172.2  | 179.9  | 177.7  | 177.7  | 177.7  | 188.7  | 183.2  | 168.9  | 155.8  | 144.8  |
| 25°    | 231.5  | 234.7  | 236.9  | 244.6  | 253.4  | 277.5  | 315.9  | 303.8  | 281.9  | 236.9  | 199.6  |
| 27.5°  | 289.6  | 294.0  | 333.5  | 388.3  | 396.0  | 367.5  | 394.9  | 358.7  | 347.7  | 301.7  | 270.9  |
| 30°    | 315.9  | 323.6  | 391.6  | 428.9  | 442.1  | 404.8  | 444.3  | 375.1  | 371.9  | 338.9  | 312.6  |
| 32.5°  | 322.5  | 328.0  | 402.6  | 407.0  | 410.2  | 405.9  | 465.1  | 380.6  | 373.0  | 340.0  | 301.7  |
| 35°    | 312.6  | 319.2  | 369.7  | 344.4  | 345.5  | 423.4  | 534.2  | 410.2  | 375.1  | 318.1  | 275.3  |
| 37.5°  | 385.0  | 385.0  | 427.8  | 434.4  | 462.9  | 557.2  | 699.8  | 541.9  | 502.4  | 414.6  | 362.0  |
| 40°    | 438.8  | 444.3  | 512.3  | 537.5  | 541.9  | 622.0  | 876.4  | 635.1  | 579.2  | 464.0  | 423.4  |
| 42.5°  | 511.2  | 510.1  | 572.6  | 590.1  | 602.2  | 631.8  | 896.2  | 730.6  | 664.7  | 525.4  | 494.7  |
| 45°    | 523.2  | 540.8  | 597.8  | 578.1  | 593.4  | 669.1  | 935.7  | 865.5  | 777.7  | 641.7  | 578.1  |
| 47.5°  | 475.0  | 499.1  | 614.3  | 597.8  | 536.4  | 571.5  | 750.3  | 888.5  | 792.0  | 659.3  | 614.3  |
| 50°    | 512.3  | 525.4  | 582.5  | 571.5  | 489.2  | 607.7  | 823.8  | 1113.4 | 1005.9 | 784.3  | 669.1  |
| 52.5°  | 662.5  | 691.1  | 700.9  | 743.7  | 704.2  | 909.3  | 1152.9 | 1410.6 | 1396.4 | 1135.3 | 883.0  |
| 55°    | 851.2  | 892.9  | 936.8  | 1099.1 | 1122.2 | 1428.2 | 1609.2 | 1884.5 | 2055.6 | 1795.7 | 1354.7 |
| 57.5°  | 1055.2 | 1114.5 | 1100.2 | 1336.1 | 1372.3 | 1935.0 | 2101.7 | 2746.7 | 3204.1 | 2850.9 | 1984.3 |
| 60°    | 1252.7 | 1292.2 | 1212.1 | 1419.4 | 1488.5 | 2436.3 | 2680.9 | 3577.1 | 4179.3 | 3803.0 | 2443.9 |
| 62.5°  | 1374.4 | 1399.7 | 1268.0 | 1476.5 | 1557.6 | 2610.7 | 3008.9 | 3670.3 | 4285.7 | 3999.4 | 2692.9 |
| 65°    | 1373.3 | 1366.8 | 1216.5 | 1397.5 | 1386.5 | 2409.9 | 2907.9 | 3084.5 | 3828.3 | 3780.0 | 2724.8 |
| 67.5°  | 1319.6 | 1321.8 | 1163.8 | 1307.5 | 1262.6 | 2124.7 | 2694.0 | 2609.6 | 3365.4 | 3430.1 | 2650.2 |
| 70°    | 1268.0 | 1294.4 | 1144.1 | 1269.1 | 1248.3 | 2043.6 | 2600.8 | 2348.5 | 3148.2 | 3271.0 | 2571.2 |
| 72.5°  | 1195.6 | 1220.9 | 1079.4 | 1189.1 | 1196.7 | 1881.2 | 2441.8 | 2050.1 | 2776.3 | 2924.4 | 2304.6 |
| 75°    | 1194.5 | 1226.4 | 1093.6 | 1190.2 | 1202.2 | 1789.1 | 2461.5 | 1947.0 | 2553.6 | 2752.2 | 2151.1 |
| 77.5°  | 1126.5 | 1155.1 | 1032.2 | 1122.2 | 1156.2 | 1619.1 | 2348.5 | 1818.7 | 2306.8 | 2529.5 | 1950.3 |
| 80°    | 905.0  | 943.4  | 842.4  | 901.7  | 920.3  | 1214.3 | 1883.4 | 1489.6 | 1876.8 | 2099.5 | 1593.8 |
| 82.5°  | 618.7  | 653.8  | 586.9  | 630.7  | 654.9  | 796.4  | 1302.0 | 1072.8 | 1275.7 | 1411.7 | 998.2  |
| 85°    | 357.6  | 399.3  | 359.8  | 354.3  | 366.4  | 420.1  | 700.9  | 570.4  | 593.4  | 624.1  | 443.2  |
| 87.5°  | 224.9  | 231.5  | 211.7  | 212.8  | 215.0  | 230.4  | 319.2  | 254.5  | 280.8  | 318.1  | 268.7  |
| 90°    | 178.8  | 185.4  | 171.1  | 172.2  | 168.9  | 183.2  | 239.1  | 194.2  | 216.1  | 249.0  | 212.8  |
| 92.5°  | 154.7  | 159.1  | 149.2  | 151.4  | 149.2  | 160.2  | 199.6  | 160.2  | 177.7  | 204.0  | 174.4  |
| 95°    | 131.6  | 134.9  | 129.4  | 130.5  | 124.0  | 130.5  | 155.8  | 121.8  | 134.9  | 153.6  | 130.5  |
| 97.5°  | 105.3  | 108.6  | 105.3  | 105.3  | 98.7   | 102.0  | 119.6  | 94.3   | 103.1  | 115.2  | 98.7   |
| 100°   | 83.4   | 84.5   | 83.4   | 82.3   | 76.8   | 76.8   | 83.4   | 68.0   | 71.3   | 79.0   | 68.0   |
| 102.5° | 63.6   | 64.7   | 63.6   | 62.5   | 55.9   | 52.7   | 52.7   | 43.9   | 46.1   | 48.3   | 42.8   |
| 105°   | 50.5   | 51.6   | 50.5   | 48.3   | 42.8   | 39.5   | 38.4   | 31.8   | 31.8   | 32.9   | 29.6   |
| 107.5° | 41.7   | 41.7   | 41.7   | 39.5   | 36.2   | 31.8   | 28.5   | 23.0   | 23.0   | 24.1   | 23.0   |
| 110°   | 34.0   | 34.0   | 32.9   | 31.8   | 28.5   | 25.2   | 21.9   | 18.6   | 18.6   | 18.6   | 17.6   |

REPORT NUMBER: P588471

CATALOG NUMBER: ARC-CA6-60-727-U-33-6-5-X

**CANDELA DISTRIBUTION (continued):**

|        | 0°   | 5°   | 15°  | 25°  | 35°  | 45°  | 55°  | 65°  | 70°  | 75°  | 85°  |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 28.5 | 28.5 | 27.4 | 26.3 | 23.0 | 19.7 | 17.6 | 15.4 | 15.4 | 15.4 | 14.3 |
| 115°   | 24.1 | 24.1 | 23.0 | 21.9 | 19.7 | 16.5 | 14.3 | 12.1 | 12.1 | 12.1 | 12.1 |
| 117.5° | 20.8 | 20.8 | 19.7 | 18.6 | 16.5 | 14.3 | 12.1 | 9.9  | 9.9  | 9.9  | 9.9  |
| 120°   | 18.6 | 17.6 | 16.5 | 15.4 | 13.2 | 12.1 | 9.9  | 8.8  | 8.8  | 8.8  | 7.7  |
| 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: P588471

CATALOG NUMBER: ARC-CA6-60-727-U-33-6-5-X

**CANDELA DISTRIBUTION (continued):**

|        | 90°    | 95°    | 105°   | 115°   | 125°   | 135°   | 145°   | 155°   | 165°   | 175°   | 180°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 68.0   | 68.0   | 68.0   | 68.0   | 68.0   | 68.0   | 68.0   | 68.0   | 68.0   | 68.0   | 68.0   |
| 2.5°   | 65.8   | 65.8   | 64.7   | 64.7   | 64.7   | 63.6   | 63.6   | 64.7   | 64.7   | 64.7   | 64.7   |
| 5°     | 70.2   | 69.1   | 66.9   | 64.7   | 63.6   | 62.5   | 61.4   | 61.4   | 63.6   | 63.6   | 63.6   |
| 7.5°   | 79.0   | 77.9   | 74.6   | 72.4   | 70.2   | 68.0   | 66.9   | 65.8   | 66.9   | 68.0   | 68.0   |
| 10°    | 87.8   | 86.7   | 82.3   | 79.0   | 77.9   | 75.7   | 74.6   | 73.5   | 74.6   | 74.6   | 74.6   |
| 12.5°  | 96.5   | 94.3   | 91.0   | 86.7   | 84.5   | 83.4   | 82.3   | 81.2   | 81.2   | 81.2   | 81.2   |
| 15°    | 104.2  | 100.9  | 97.6   | 94.3   | 92.1   | 89.9   | 88.9   | 87.8   | 88.9   | 89.9   | 89.9   |
| 17.5°  | 116.3  | 113.0  | 105.3  | 99.8   | 98.7   | 96.5   | 95.4   | 95.4   | 96.5   | 97.6   | 97.6   |
| 20°    | 129.4  | 122.9  | 114.1  | 108.6  | 107.5  | 104.2  | 103.1  | 103.1  | 104.2  | 105.3  | 105.3  |
| 22.5°  | 140.4  | 136.0  | 122.9  | 115.2  | 114.1  | 113.0  | 114.1  | 114.1  | 115.2  | 116.3  | 116.3  |
| 25°    | 178.8  | 161.2  | 142.6  | 137.1  | 136.0  | 133.8  | 131.6  | 130.5  | 131.6  | 134.9  | 136.0  |
| 27.5°  | 241.3  | 209.5  | 174.4  | 162.3  | 162.3  | 164.5  | 168.9  | 171.1  | 166.7  | 164.5  | 165.6  |
| 30°    | 283.0  | 240.2  | 189.8  | 178.8  | 181.0  | 192.0  | 201.8  | 208.4  | 204.0  | 200.7  | 201.8  |
| 32.5°  | 272.0  | 232.5  | 196.3  | 194.2  | 200.7  | 209.5  | 215.0  | 218.3  | 227.1  | 230.4  | 234.7  |
| 35°    | 247.9  | 218.3  | 198.5  | 207.3  | 211.7  | 211.7  | 211.7  | 211.7  | 228.2  | 243.5  | 247.9  |
| 37.5°  | 302.8  | 252.3  | 235.8  | 239.1  | 235.8  | 232.5  | 235.8  | 244.6  | 258.9  | 270.9  | 274.2  |
| 40°    | 355.4  | 291.8  | 264.4  | 262.2  | 261.1  | 272.0  | 291.8  | 307.1  | 311.5  | 300.6  | 302.8  |
| 42.5°  | 413.5  | 330.2  | 295.1  | 298.4  | 307.1  | 324.7  | 346.6  | 346.6  | 346.6  | 336.8  | 340.0  |
| 45°    | 468.4  | 375.1  | 354.3  | 363.1  | 363.1  | 371.9  | 383.9  | 376.2  | 386.1  | 390.5  | 396.0  |
| 47.5°  | 533.1  | 435.5  | 389.4  | 381.7  | 382.8  | 400.4  | 404.8  | 401.5  | 408.1  | 400.4  | 400.4  |
| 50°    | 552.8  | 445.4  | 409.2  | 438.8  | 438.8  | 419.0  | 402.6  | 404.8  | 423.4  | 444.3  | 448.6  |
| 52.5°  | 703.1  | 551.8  | 518.8  | 549.6  | 562.7  | 528.7  | 528.7  | 533.1  | 537.5  | 552.8  | 557.2  |
| 55°    | 1051.9 | 786.5  | 687.8  | 759.1  | 768.9  | 789.8  | 846.8  | 838.0  | 787.6  | 762.4  | 760.2  |
| 57.5°  | 1573.0 | 1167.1 | 856.7  | 957.6  | 1021.2 | 1106.8 | 1149.6 | 1124.3 | 1056.3 | 1033.3 | 1008.1 |
| 60°    | 2010.7 | 1598.2 | 1110.1 | 1285.6 | 1381.0 | 1395.3 | 1379.9 | 1382.1 | 1330.6 | 1347.0 | 1340.4 |
| 62.5°  | 2173.0 | 1961.3 | 1427.1 | 1533.5 | 1547.8 | 1503.9 | 1544.5 | 1637.7 | 1554.3 | 1505.0 | 1497.3 |
| 65°    | 2221.3 | 2096.2 | 1515.9 | 1446.8 | 1433.7 | 1426.0 | 1586.2 | 1741.9 | 1555.4 | 1440.3 | 1439.2 |
| 67.5°  | 2173.0 | 1958.0 | 1403.0 | 1288.9 | 1319.6 | 1382.1 | 1590.5 | 1648.7 | 1473.2 | 1345.9 | 1337.1 |
| 70°    | 2110.5 | 1735.3 | 1262.6 | 1163.8 | 1235.1 | 1326.2 | 1458.9 | 1435.9 | 1366.8 | 1253.8 | 1248.3 |
| 72.5°  | 1883.4 | 1503.9 | 1172.6 | 1090.3 | 1171.5 | 1197.8 | 1263.7 | 1253.8 | 1273.5 | 1202.2 | 1198.9 |
| 75°    | 1686.0 | 1381.0 | 1118.9 | 1022.3 | 1061.8 | 1057.4 | 1110.1 | 1122.2 | 1178.1 | 1147.4 | 1135.3 |
| 77.5°  | 1454.5 | 1201.1 | 986.1  | 874.2  | 889.6  | 888.5  | 913.7  | 921.4  | 960.9  | 963.1  | 949.9  |
| 80°    | 1138.6 | 941.2  | 770.0  | 658.2  | 660.3  | 640.6  | 643.9  | 642.8  | 650.5  | 659.3  | 647.2  |
| 82.5°  | 653.8  | 525.4  | 436.6  | 365.3  | 349.9  | 323.6  | 318.1  | 320.3  | 317.0  | 314.8  | 314.8  |
| 85°    | 320.3  | 249.0  | 229.3  | 205.1  | 196.3  | 189.8  | 193.1  | 199.6  | 202.9  | 196.3  | 193.1  |
| 87.5°  | 216.1  | 186.5  | 177.7  | 167.8  | 163.4  | 156.9  | 161.2  | 166.7  | 171.1  | 165.6  | 164.5  |
| 90°    | 171.1  | 148.1  | 145.9  | 143.7  | 140.4  | 134.9  | 139.3  | 145.9  | 149.2  | 144.8  | 142.6  |
| 92.5°  | 138.2  | 119.6  | 119.6  | 118.5  | 115.2  | 110.8  | 116.3  | 121.8  | 125.0  | 121.8  | 120.7  |
| 95°    | 106.4  | 92.1   | 95.4   | 93.2   | 89.9   | 88.9   | 92.1   | 96.5   | 98.7   | 96.5   | 96.5   |
| 97.5°  | 82.3   | 72.4   | 75.7   | 74.6   | 70.2   | 69.1   | 71.3   | 74.6   | 76.8   | 74.6   | 73.5   |
| 100°   | 55.9   | 51.6   | 55.9   | 55.9   | 51.6   | 49.4   | 51.6   | 54.8   | 55.9   | 55.9   | 54.8   |
| 102.5° | 37.3   | 35.1   | 40.6   | 41.7   | 39.5   | 37.3   | 38.4   | 40.6   | 41.7   | 41.7   | 41.7   |
| 105°   | 26.3   | 26.3   | 31.8   | 32.9   | 30.7   | 28.5   | 30.7   | 31.8   | 31.8   | 31.8   | 31.8   |
| 107.5° | 20.8   | 21.9   | 25.2   | 27.4   | 25.2   | 23.0   | 24.1   | 25.2   | 25.2   | 25.2   | 26.3   |
| 110°   | 17.6   | 17.6   | 20.8   | 23.0   | 20.8   | 19.7   | 19.7   | 19.7   | 19.7   | 20.8   | 23.0   |

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CATALOG NUMBER: ARC-CA6-60-727-U-33-6-5-X

**CANDELA DISTRIBUTION (continued):**

|        | 90°  | 95°  | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 14.3 | 15.4 | 17.6 | 18.6 | 17.6 | 16.5 | 16.5 | 16.5 | 16.5 | 17.6 | 20.8 |
| 115°   | 12.1 | 13.2 | 15.4 | 15.4 | 14.3 | 14.3 | 14.3 | 13.2 | 13.2 | 14.3 | 19.7 |
| 117.5° | 9.9  | 11.0 | 12.1 | 12.1 | 12.1 | 11.0 | 11.0 | 11.0 | 11.0 | 13.2 | 20.8 |
| 120°   | 8.8  | 8.8  | 9.9  | 9.9  | 8.8  | 8.8  | 8.8  | 8.8  | 7.7  | 11.0 | 16.5 |
| 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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