

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: P588392

Luminaire Tested: **ARC-CA6-110-760-U-33-X-5-X**

Issue Date: 11/30/2021

Test Information

Test Method: LM-79-08
Report Number: P588392
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2107-308-9)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 11/30/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: ARC-CA6-110-760-U-33-X-5-X
Description: GENERATIONS SERIES AVENUE WITH NO CAGE AND TYPE III REFRACTOR
Light Source: (6) 5700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14932 lumens
Efficiency: N/A
Efficacy: 133.1 lumens/watt
Luminous Opening: Vertical Cylinder (Dia: 1.33' x H: 1.25')
IES Classification: Type III - Short - Non-Cutoff
BUG Rating: B4 - U5 - G5

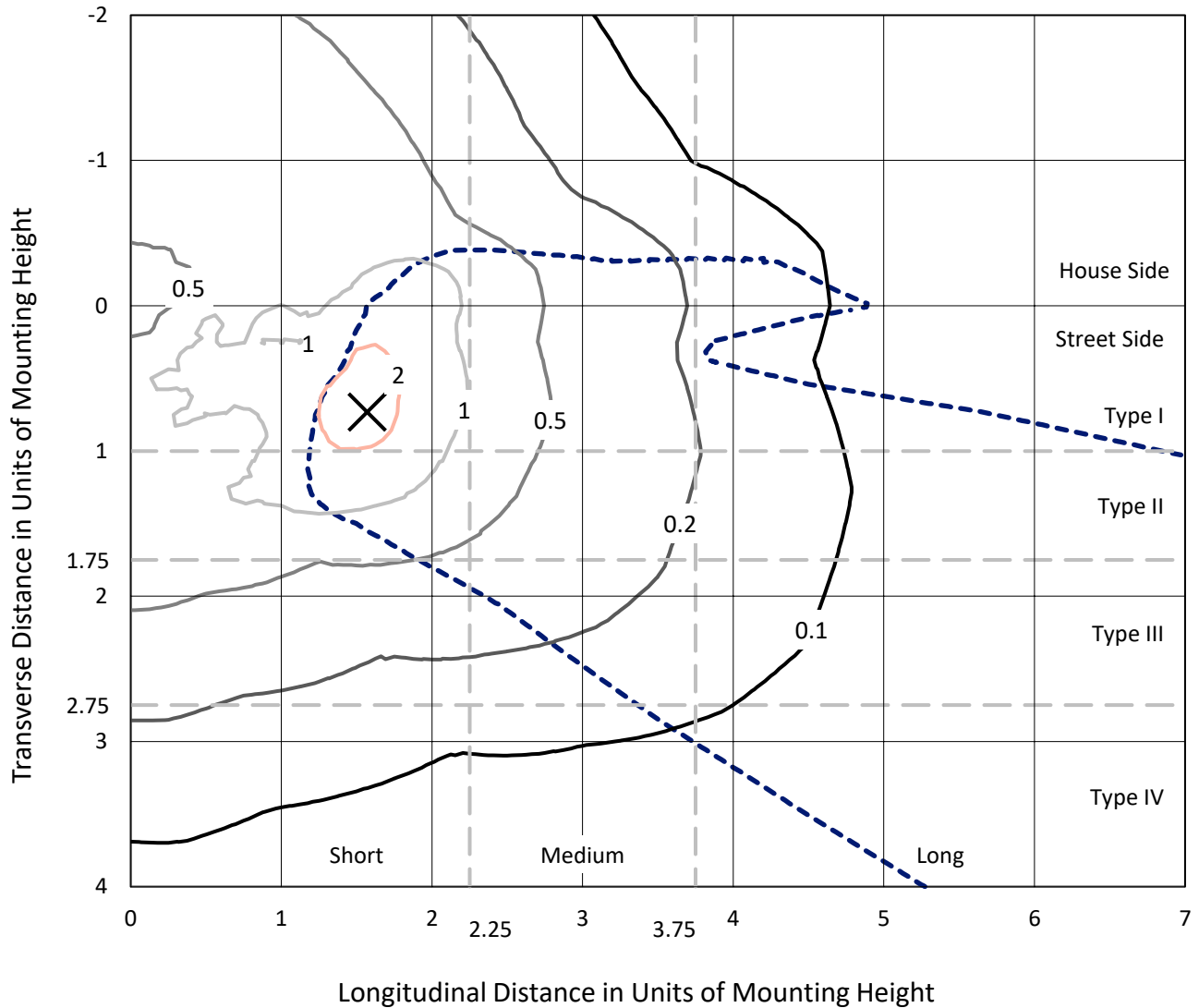
Input Watts (W): 112.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P588392
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Iso-Footcandle Lines of Horizontal Illumination

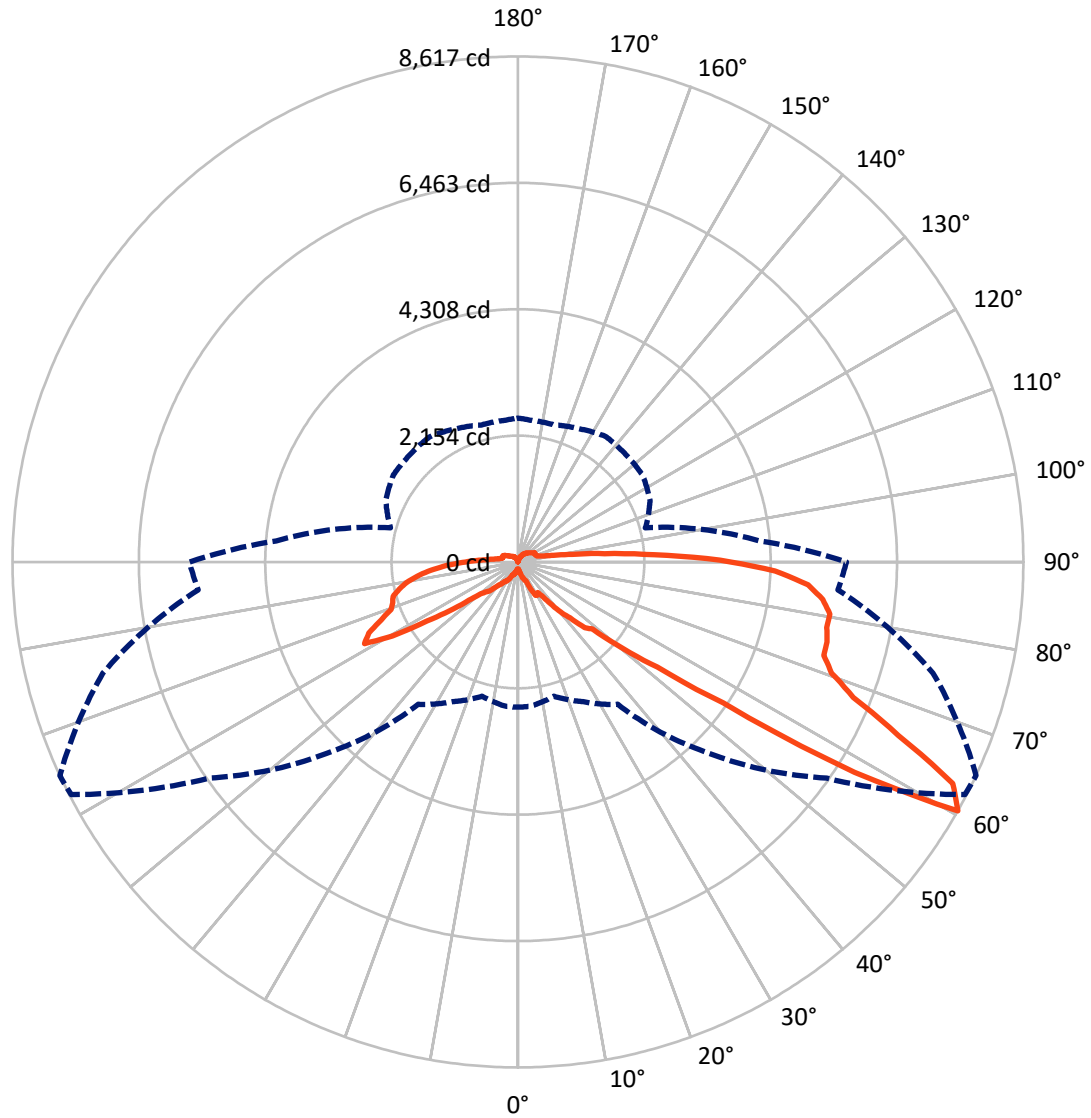
✕ Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 2.7 fc
 Type III - Short - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 65-Deg Lateral - - - Horizontal Cone Through 60-Deg Vertical

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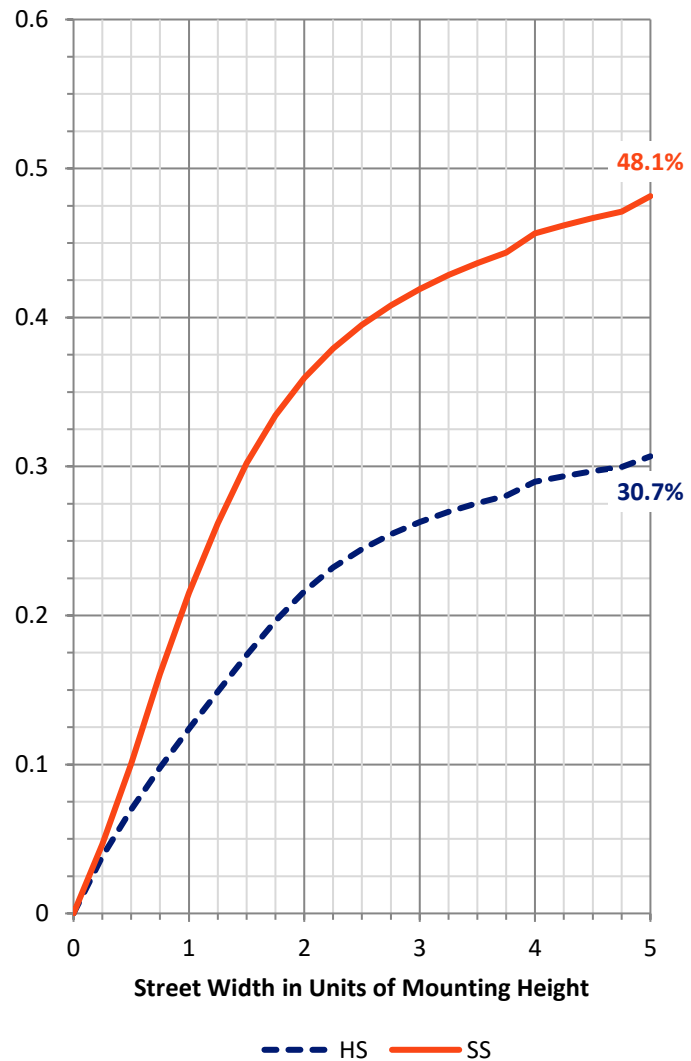
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 4979.5 | 797.4 | 5776.9 |
| | % Fixture | 33.3 | 5.3 | 38.7 |
| Street Side | Lumens | 7966.5 | 1188.6 | 9155.1 |
| | % Fixture | 53.4 | 8.0 | 61.3 |
| Total | Lumens | 12946.0 | 1986.0 | 14932.0 |
| | % Fixture | 86.7 | 13.3 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 14.3 | 0.1 |
| 10°-20° | 63.8 | 0.4 |
| 20°-30° | 182.4 | 1.2 |
| 30°-40° | 392.7 | 2.6 |
| 40°-50° | 743.2 | 5.0 |
| 50°-60° | 2076.1 | 13.9 |
| 60°-70° | 3701.2 | 24.8 |
| 70°-80° | 3240.4 | 21.7 |
| 80°-90° | 2531.9 | 17.0 |
| 90°-100° | 957.2 | 6.4 |
| 100°-110° | 329.2 | 2.2 |
| 110°-120° | 269.2 | 1.8 |
| 120°-130° | 180.9 | 1.2 |
| 130°-140° | 124.1 | 0.8 |
| 140°-150° | 78.0 | 0.5 |
| 150°-160° | 36.2 | 0.2 |
| 160°-170° | 10.2 | 0.1 |
| 170°-180° | 0.9 | 0.0 |
| 0°-90° | 12946.0 | 86.7 |
| 0°-180° | 14932.0 | 100.0 |

Coefficient of Utilization



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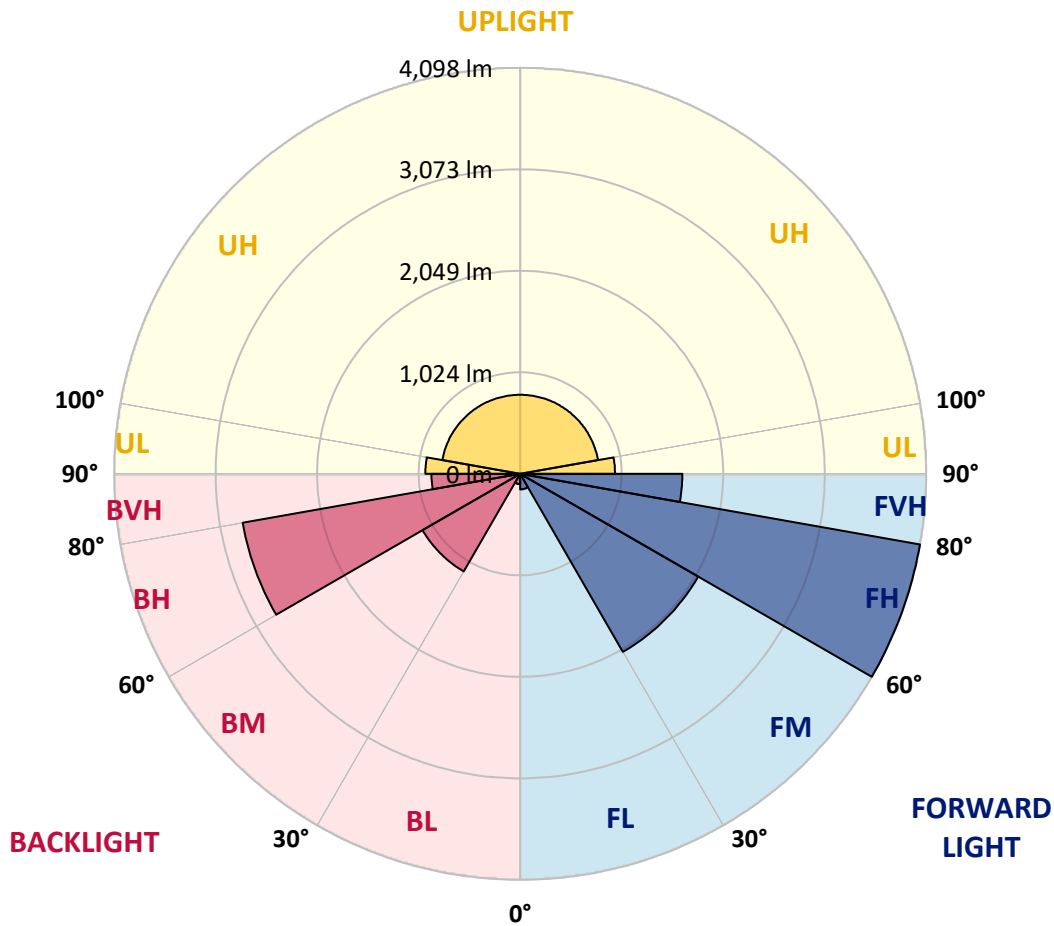
CATALOG NUMBER: ARC-CA6-110-760-U-33-X-5-X

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|---------|---------|
| | | | B | U | G |
| FL (0°-30°) | 157.3 | 1.1 | | | |
| FM (30°-60°) | 2074.6 | 13.9 | | | |
| FH (60°-80°) | 4098.0 | 27.4 | | | G2/5000 |
| FVH (80°-90°) | 1636.5 | 11.0 | | | G5 |
| BL (0°-30°) | 103.1 | 0.7 | B0/110 | | |
| BM (30°-60°) | 1137.3 | 7.6 | B2/2500 | | |
| BH (60°-80°) | 2843.7 | 19.0 | B4/5000 | | G4/5000 |
| BVH (80°-90°) | 895.3 | 6.0 | | | G5 |
| UL (90°-100°) | 957.2 | 6.4 | | U4/1000 | |
| UH (100°-180°) | 797.4 | 5.3 | | U4/1000 | |

BUG Rating: B4-U5-G5

Type III Short





REPORT NUMBER: P588392
 CATALOG NUMBER: ARC-CA6-110-760-U-33-X-5-X

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 62.5° | 65° | 75° | 85° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 114.2 | 114.2 | 114.2 | 114.2 | 114.2 | 114.2 | 114.2 | 114.2 | 114.2 | 114.2 | 114.2 |
| 2.5° | 131.6 | 127.8 | 123.9 | 123.9 | 122.0 | 120.0 | 120.0 | 116.2 | 118.1 | 116.2 | 116.2 |
| 5° | 154.9 | 152.9 | 149.1 | 151.0 | 147.1 | 145.2 | 145.2 | 143.3 | 141.3 | 139.4 | 133.6 |
| 7.5° | 180.0 | 180.0 | 182.0 | 183.9 | 178.1 | 172.3 | 170.4 | 166.5 | 166.5 | 164.6 | 160.7 |
| 10° | 207.1 | 205.2 | 197.5 | 197.5 | 193.6 | 189.7 | 191.7 | 189.7 | 189.7 | 189.7 | 182.0 |
| 12.5° | 214.9 | 213.0 | 207.1 | 207.1 | 207.1 | 205.2 | 213.0 | 211.0 | 213.0 | 211.0 | 199.4 |
| 15° | 242.0 | 240.1 | 238.1 | 240.1 | 247.8 | 263.3 | 282.6 | 274.9 | 276.8 | 273.0 | 230.4 |
| 17.5° | 253.6 | 259.4 | 263.3 | 265.2 | 273.0 | 273.0 | 276.8 | 274.9 | 282.6 | 288.5 | 263.3 |
| 20° | 294.3 | 290.4 | 294.3 | 307.8 | 327.2 | 329.1 | 323.3 | 323.3 | 327.2 | 329.1 | 280.7 |
| 22.5° | 311.7 | 309.7 | 325.2 | 313.6 | 313.6 | 323.3 | 358.1 | 346.5 | 346.5 | 342.7 | 302.0 |
| 25° | 404.6 | 412.3 | 427.8 | 447.2 | 493.7 | 507.2 | 545.9 | 503.3 | 509.1 | 449.1 | 383.3 |
| 27.5° | 485.9 | 491.7 | 582.7 | 664.0 | 700.8 | 681.4 | 714.4 | 635.0 | 642.7 | 650.5 | 559.5 |
| 30° | 511.1 | 522.7 | 654.3 | 714.4 | 762.7 | 724.0 | 766.6 | 662.1 | 656.3 | 700.8 | 664.0 |
| 32.5° | 491.7 | 503.3 | 642.7 | 667.9 | 718.2 | 861.5 | 807.3 | 638.9 | 621.4 | 642.7 | 687.2 |
| 35° | 540.1 | 547.9 | 631.1 | 571.1 | 617.6 | 1204.1 | 1057.0 | 745.3 | 710.5 | 592.4 | 658.2 |
| 37.5° | 648.5 | 648.5 | 747.3 | 789.9 | 824.7 | 1421.0 | 1388.0 | 927.3 | 900.2 | 693.1 | 760.8 |
| 40° | 786.0 | 782.1 | 904.1 | 933.1 | 948.6 | 1287.4 | 1678.4 | 1182.8 | 1122.8 | 815.0 | 991.2 |
| 42.5° | 869.2 | 861.5 | 960.2 | 991.2 | 991.2 | 1089.9 | 1899.1 | 1440.3 | 1300.9 | 950.5 | 1211.9 |
| 45° | 902.1 | 909.9 | 1037.6 | 998.9 | 1028.0 | 1119.0 | 2135.3 | 1796.5 | 1601.0 | 1115.1 | 1405.5 |
| 47.5° | 817.0 | 828.6 | 1012.5 | 1016.4 | 869.2 | 894.4 | 1914.6 | 1866.2 | 1705.5 | 1194.5 | 1467.4 |
| 50° | 1002.8 | 1010.5 | 1076.4 | 1031.8 | 960.2 | 1132.5 | 2280.5 | 2398.6 | 2328.9 | 1479.0 | 1548.7 |
| 52.5° | 1376.4 | 1411.3 | 1473.2 | 1511.9 | 1490.7 | 1903.0 | 3058.7 | 3037.4 | 2979.4 | 2220.5 | 2114.0 |
| 55° | 1783.0 | 1812.0 | 1899.1 | 2133.4 | 2311.5 | 2849.7 | 3804.1 | 4249.3 | 4245.5 | 3606.6 | 3294.9 |
| 57.5° | 2152.7 | 2154.7 | 2166.3 | 2454.7 | 2729.6 | 3720.8 | 4983.0 | 6618.9 | 6766.0 | 5761.3 | 4717.8 |
| 60° | 2474.1 | 2468.3 | 2369.6 | 2627.0 | 2961.9 | 4613.3 | 6423.4 | 8587.7 | 8616.7 | 7325.5 | 5472.8 |
| 62.5° | 2561.2 | 2543.8 | 2400.5 | 2640.6 | 2927.1 | 4630.7 | 6791.2 | 8353.5 | 8320.5 | 7435.8 | 5571.6 |
| 65° | 2485.7 | 2468.3 | 2286.3 | 2501.2 | 2636.7 | 4208.7 | 6272.4 | 7184.2 | 7130.0 | 6793.1 | 5304.4 |
| 67.5° | 2373.4 | 2385.0 | 2205.0 | 2369.6 | 2462.5 | 3947.3 | 5726.4 | 6181.4 | 6165.9 | 6330.4 | 5081.8 |
| 70° | 2210.8 | 2220.5 | 2055.9 | 2259.2 | 2394.7 | 3780.8 | 5203.7 | 5697.4 | 5670.3 | 5912.3 | 4754.6 |
| 72.5° | 2216.6 | 2245.7 | 2050.1 | 2203.1 | 2344.4 | 3552.4 | 4967.5 | 5530.9 | 5451.5 | 5488.3 | 4361.6 |
| 75° | 2232.1 | 2270.8 | 2063.7 | 2201.1 | 2332.8 | 3469.2 | 4940.4 | 5544.4 | 5443.8 | 5335.4 | 4212.5 |
| 77.5° | 2237.9 | 2294.1 | 2071.4 | 2222.4 | 2336.6 | 3354.9 | 4878.5 | 5476.7 | 5381.8 | 5188.2 | 4036.4 |
| 80° | 2191.5 | 2251.5 | 2038.5 | 2224.4 | 2311.5 | 3128.4 | 4721.7 | 5465.1 | 5393.4 | 5168.9 | 3964.7 |
| 82.5° | 2098.5 | 2158.5 | 1974.6 | 2127.6 | 2263.1 | 2898.1 | 4501.0 | 5238.6 | 5234.7 | 4983.0 | 3813.7 |
| 85° | 1895.3 | 1961.1 | 1821.7 | 1963.0 | 2129.5 | 2592.2 | 4055.7 | 4853.3 | 4959.8 | 4756.5 | 3610.5 |
| 87.5° | 1699.7 | 1765.6 | 1692.0 | 1771.4 | 1939.8 | 2253.4 | 3484.6 | 4189.3 | 4388.7 | 4220.3 | 3101.3 |
| 90° | 1477.1 | 1544.9 | 1484.8 | 1453.9 | 1589.4 | 1798.5 | 2785.8 | 3258.1 | 3445.9 | 3343.3 | 2282.4 |
| 92.5° | 1182.8 | 1240.9 | 1184.8 | 1113.1 | 1194.5 | 1320.3 | 2069.5 | 2280.5 | 2325.0 | 2226.3 | 1496.5 |
| 95° | 894.4 | 937.0 | 886.6 | 815.0 | 824.7 | 904.1 | 1426.8 | 1494.5 | 1482.9 | 1364.8 | 950.5 |
| 97.5° | 621.4 | 646.6 | 613.7 | 563.4 | 580.8 | 631.1 | 944.7 | 937.0 | 937.0 | 834.4 | 621.4 |
| 100° | 431.7 | 441.4 | 425.9 | 402.7 | 416.2 | 449.1 | 635.0 | 633.0 | 613.7 | 563.4 | 453.0 |
| 102.5° | 342.7 | 344.6 | 329.1 | 313.6 | 305.9 | 336.8 | 458.8 | 456.9 | 460.7 | 437.5 | 354.3 |
| 105° | 302.0 | 300.1 | 286.5 | 273.0 | 257.5 | 288.5 | 364.0 | 379.4 | 377.5 | 358.1 | 303.9 |
| 107.5° | 276.8 | 274.9 | 261.3 | 249.7 | 236.2 | 263.3 | 315.6 | 336.8 | 334.9 | 333.0 | 286.5 |
| 110° | 257.5 | 255.5 | 243.9 | 232.3 | 220.7 | 251.7 | 296.2 | 329.1 | 329.1 | 329.1 | 290.4 |



REPORT NUMBER: P588392

CATALOG NUMBER: ARC-CA6-110-760-U-33-X-5-X

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 62.5° | 65° | 75° | 85° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 243.9 | 243.9 | 234.2 | 224.6 | 214.9 | 249.7 | 284.6 | 323.3 | 323.3 | 333.0 | 303.9 |
| 115° | 236.2 | 234.2 | 226.5 | 220.7 | 213.0 | 251.7 | 280.7 | 319.4 | 321.4 | 334.9 | 302.0 |
| 117.5° | 230.4 | 228.4 | 222.6 | 214.9 | 211.0 | 247.8 | 282.6 | 327.2 | 325.2 | 346.5 | 296.2 |
| 120° | 220.7 | 216.8 | 209.1 | 201.3 | 197.5 | 228.4 | 274.9 | 317.5 | 313.6 | 323.3 | 273.0 |
| 122.5° | 213.0 | 201.3 | 187.8 | 182.0 | 182.0 | 207.1 | 257.5 | 286.5 | 282.6 | 274.9 | 245.9 |
| 125° | 195.5 | 183.9 | 172.3 | 170.4 | 172.3 | 193.6 | 245.9 | 263.3 | 265.2 | 259.4 | 232.3 |
| 127.5° | 176.2 | 168.4 | 162.6 | 162.6 | 166.5 | 189.7 | 242.0 | 253.6 | 253.6 | 242.0 | 220.7 |
| 130° | 166.5 | 164.6 | 160.7 | 160.7 | 168.4 | 191.7 | 236.2 | 240.1 | 240.1 | 224.6 | 214.9 |
| 132.5° | 162.6 | 158.7 | 154.9 | 154.9 | 162.6 | 185.8 | 220.7 | 228.4 | 226.5 | 211.0 | 203.3 |
| 135° | 154.9 | 152.9 | 149.1 | 149.1 | 158.7 | 182.0 | 207.1 | 214.9 | 213.0 | 193.6 | 187.8 |
| 137.5° | 151.0 | 147.1 | 147.1 | 147.1 | 156.8 | 180.0 | 195.5 | 201.3 | 199.4 | 180.0 | 174.2 |
| 140° | 145.2 | 143.3 | 139.4 | 139.4 | 152.9 | 174.2 | 183.9 | 185.8 | 183.9 | 168.4 | 162.6 |
| 142.5° | 135.5 | 133.6 | 131.6 | 135.5 | 149.1 | 164.6 | 172.3 | 172.3 | 170.4 | 160.7 | 152.9 |
| 145° | 129.7 | 127.8 | 125.8 | 135.5 | 147.1 | 154.9 | 162.6 | 156.8 | 156.8 | 151.0 | 143.3 |
| 147.5° | 123.9 | 122.0 | 122.0 | 129.7 | 139.4 | 139.4 | 145.2 | 143.3 | 145.2 | 143.3 | 135.5 |
| 150° | 112.3 | 110.3 | 110.3 | 116.2 | 118.1 | 118.1 | 123.9 | 123.9 | 123.9 | 123.9 | 118.1 |
| 152.5° | 98.7 | 96.8 | 98.7 | 100.7 | 100.7 | 100.7 | 104.5 | 106.5 | 106.5 | 104.5 | 102.6 |
| 155° | 85.2 | 85.2 | 85.2 | 87.1 | 87.1 | 85.2 | 91.0 | 91.0 | 91.0 | 91.0 | 89.1 |
| 157.5° | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 73.6 | 77.4 | 77.4 | 79.4 | 77.4 | 77.4 |
| 160° | 65.8 | 63.9 | 63.9 | 63.9 | 63.9 | 61.9 | 63.9 | 63.9 | 63.9 | 65.8 | 65.8 |
| 162.5° | 52.3 | 50.3 | 50.3 | 50.3 | 50.3 | 46.5 | 50.3 | 48.4 | 50.3 | 50.3 | 52.3 |
| 165° | 42.6 | 40.7 | 40.7 | 40.7 | 38.7 | 36.8 | 38.7 | 36.8 | 36.8 | 36.8 | 38.7 |
| 167.5° | 32.9 | 32.9 | 31.0 | 32.9 | 31.0 | 27.1 | 27.1 | 25.2 | 25.2 | 25.2 | 25.2 |
| 170° | 25.2 | 23.2 | 21.3 | 23.2 | 21.3 | 17.4 | 17.4 | 15.5 | 15.5 | 13.6 | 13.6 |
| 172.5° | 17.4 | 15.5 | 13.6 | 15.5 | 13.6 | 9.7 | 9.7 | 5.8 | 5.8 | 5.8 | 5.8 |
| 175° | 15.5 | 13.6 | 11.6 | 13.6 | 11.6 | 7.7 | 5.8 | 3.9 | 3.9 | 3.9 | 3.9 |
| 177.5° | 15.5 | 13.6 | 11.6 | 13.6 | 11.6 | 7.7 | 5.8 | 3.9 | 3.9 | 3.9 | 3.9 |
| 180° | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 |



REPORT NUMBER: P588392
 CATALOG NUMBER: ARC-CA6-110-760-U-33-X-5-X

CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 114.2 | 114.2 | 114.2 | 114.2 | 114.2 | 114.2 | 114.2 | 114.2 | 114.2 | 114.2 | 114.2 |
| 2.5° | 116.2 | 114.2 | 112.3 | 116.2 | 114.2 | 116.2 | 118.1 | 120.0 | 120.0 | 118.1 | 118.1 |
| 5° | 133.6 | 131.6 | 127.8 | 125.8 | 122.0 | 122.0 | 122.0 | 125.8 | 125.8 | 123.9 | 125.8 |
| 7.5° | 158.7 | 154.9 | 149.1 | 145.2 | 139.4 | 139.4 | 137.4 | 141.3 | 143.3 | 139.4 | 141.3 |
| 10° | 178.1 | 176.2 | 168.4 | 162.6 | 156.8 | 154.9 | 154.9 | 156.8 | 156.8 | 154.9 | 154.9 |
| 12.5° | 195.5 | 191.7 | 183.9 | 178.1 | 170.4 | 168.4 | 168.4 | 170.4 | 170.4 | 168.4 | 168.4 |
| 15° | 220.7 | 209.1 | 201.3 | 195.5 | 187.8 | 185.8 | 183.9 | 185.8 | 187.8 | 183.9 | 183.9 |
| 17.5° | 255.5 | 242.0 | 224.6 | 209.1 | 201.3 | 205.2 | 207.1 | 209.1 | 207.1 | 201.3 | 201.3 |
| 20° | 274.9 | 267.2 | 243.9 | 232.3 | 222.6 | 222.6 | 222.6 | 222.6 | 222.6 | 220.7 | 222.6 |
| 22.5° | 288.5 | 276.8 | 247.8 | 240.1 | 234.2 | 238.1 | 242.0 | 243.9 | 243.9 | 242.0 | 242.0 |
| 25° | 350.4 | 307.8 | 278.8 | 273.0 | 265.2 | 267.2 | 263.3 | 263.3 | 265.2 | 263.3 | 267.2 |
| 27.5° | 482.0 | 412.3 | 346.5 | 323.3 | 317.5 | 317.5 | 321.4 | 321.4 | 321.4 | 321.4 | 319.4 |
| 30° | 578.8 | 497.5 | 389.1 | 358.1 | 354.3 | 371.7 | 381.4 | 389.1 | 385.2 | 379.4 | 379.4 |
| 32.5° | 594.3 | 505.3 | 396.9 | 385.2 | 394.9 | 408.5 | 418.2 | 424.0 | 429.8 | 427.8 | 425.9 |
| 35° | 561.4 | 466.6 | 391.1 | 406.5 | 414.3 | 422.0 | 424.0 | 420.1 | 437.5 | 445.3 | 447.2 |
| 37.5° | 627.2 | 522.7 | 454.9 | 466.6 | 456.9 | 449.1 | 453.0 | 454.9 | 478.2 | 489.8 | 501.4 |
| 40° | 801.5 | 631.1 | 516.9 | 511.1 | 505.3 | 522.7 | 545.9 | 557.5 | 555.6 | 547.9 | 549.8 |
| 42.5° | 969.9 | 737.6 | 582.7 | 580.8 | 578.8 | 609.8 | 646.6 | 644.7 | 627.2 | 613.7 | 613.7 |
| 45° | 1142.2 | 840.2 | 687.2 | 689.2 | 685.3 | 696.9 | 706.6 | 698.9 | 700.8 | 704.7 | 708.5 |
| 47.5° | 1248.7 | 933.1 | 753.1 | 747.3 | 722.1 | 745.3 | 772.4 | 755.0 | 749.2 | 739.5 | 743.4 |
| 50° | 1273.8 | 956.3 | 791.8 | 834.4 | 811.1 | 793.7 | 764.7 | 753.1 | 774.4 | 789.9 | 801.5 |
| 52.5° | 1655.2 | 1180.9 | 989.3 | 1057.0 | 1026.0 | 964.1 | 958.3 | 938.9 | 962.1 | 964.1 | 977.6 |
| 55° | 2774.2 | 1893.3 | 1362.9 | 1428.7 | 1430.6 | 1409.3 | 1506.1 | 1451.9 | 1403.5 | 1382.2 | 1374.5 |
| 57.5° | 4373.2 | 2927.1 | 1763.6 | 1846.9 | 1926.2 | 2001.7 | 2133.4 | 2023.0 | 1883.6 | 1866.2 | 1885.6 |
| 60° | 5600.6 | 4133.2 | 2249.5 | 2483.8 | 2590.2 | 2594.1 | 2611.5 | 2503.1 | 2418.0 | 2425.7 | 2452.8 |
| 62.5° | 5863.9 | 5139.8 | 2865.1 | 2961.9 | 2971.6 | 2900.0 | 2931.0 | 3000.7 | 2880.6 | 2785.8 | 2810.9 |
| 65° | 5687.7 | 5538.6 | 3066.5 | 2814.8 | 2799.3 | 2810.9 | 3022.0 | 3215.5 | 2973.6 | 2733.5 | 2733.5 |
| 67.5° | 5347.0 | 5234.7 | 2861.3 | 2532.2 | 2574.8 | 2706.4 | 2973.6 | 3070.4 | 2812.9 | 2557.3 | 2557.3 |
| 70° | 4983.0 | 4758.5 | 2630.9 | 2307.6 | 2412.1 | 2565.1 | 2739.3 | 2747.1 | 2596.1 | 2414.1 | 2402.5 |
| 72.5° | 4590.0 | 4386.8 | 2532.2 | 2241.8 | 2290.2 | 2317.3 | 2412.1 | 2472.2 | 2454.7 | 2336.6 | 2334.7 |
| 75° | 4473.9 | 4309.3 | 2530.2 | 2210.8 | 2181.8 | 2172.1 | 2237.9 | 2367.6 | 2427.6 | 2357.9 | 2361.8 |
| 77.5° | 4297.7 | 4199.0 | 2412.1 | 2081.1 | 2050.1 | 2050.1 | 2085.0 | 2189.5 | 2280.5 | 2251.5 | 2261.1 |
| 80° | 4175.8 | 4026.7 | 2232.1 | 1939.8 | 1897.2 | 1903.0 | 1906.9 | 1978.5 | 2063.7 | 2067.6 | 2067.6 |
| 82.5° | 3941.5 | 3660.8 | 1959.1 | 1728.8 | 1699.7 | 1707.5 | 1693.9 | 1734.6 | 1757.8 | 1786.8 | 1781.0 |
| 85° | 3556.3 | 3159.4 | 1655.2 | 1498.4 | 1451.9 | 1436.4 | 1424.8 | 1426.8 | 1440.3 | 1434.5 | 1411.3 |
| 87.5° | 2979.4 | 2505.1 | 1320.3 | 1229.3 | 1175.1 | 1136.4 | 1120.9 | 1101.5 | 1099.6 | 1078.3 | 1086.0 |
| 90° | 2199.2 | 1719.1 | 979.6 | 946.7 | 907.9 | 867.3 | 846.0 | 826.6 | 811.1 | 789.9 | 782.1 |
| 92.5° | 1434.5 | 1107.3 | 716.3 | 698.9 | 673.7 | 650.5 | 640.8 | 631.1 | 627.2 | 609.8 | 615.6 |
| 95° | 896.3 | 749.2 | 538.2 | 518.8 | 505.3 | 499.5 | 501.4 | 503.3 | 499.5 | 480.1 | 485.9 |
| 97.5° | 598.2 | 542.1 | 420.1 | 406.5 | 393.0 | 391.1 | 393.0 | 396.9 | 398.8 | 385.2 | 389.1 |
| 100° | 441.4 | 416.2 | 344.6 | 334.9 | 323.3 | 319.4 | 321.4 | 325.2 | 327.2 | 315.6 | 317.5 |
| 102.5° | 350.4 | 338.8 | 298.1 | 294.3 | 280.7 | 276.8 | 280.7 | 282.6 | 284.6 | 276.8 | 276.8 |
| 105° | 307.8 | 307.8 | 274.9 | 273.0 | 263.3 | 259.4 | 261.3 | 263.3 | 265.2 | 257.5 | 257.5 |
| 107.5° | 296.2 | 298.1 | 265.2 | 267.2 | 261.3 | 259.4 | 263.3 | 267.2 | 265.2 | 259.4 | 257.5 |
| 110° | 305.9 | 309.7 | 265.2 | 271.0 | 273.0 | 276.8 | 284.6 | 286.5 | 286.5 | 282.6 | 284.6 |



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CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 315.6 | 321.4 | 261.3 | 274.9 | 288.5 | 298.1 | 311.7 | 319.4 | 315.6 | 313.6 | 315.6 |
| 115° | 307.8 | 311.7 | 243.9 | 265.2 | 290.4 | 303.9 | 307.8 | 307.8 | 298.1 | 298.1 | 300.1 |
| 117.5° | 298.1 | 305.9 | 226.5 | 243.9 | 261.3 | 273.0 | 271.0 | 265.2 | 253.6 | 249.7 | 261.3 |
| 120° | 276.8 | 300.1 | 216.8 | 220.7 | 222.6 | 226.5 | 220.7 | 214.9 | 205.2 | 203.3 | 211.0 |
| 122.5° | 255.5 | 276.8 | 199.4 | 195.5 | 193.6 | 193.6 | 191.7 | 189.7 | 183.9 | 185.8 | 193.6 |
| 125° | 238.1 | 249.7 | 182.0 | 176.2 | 174.2 | 176.2 | 176.2 | 176.2 | 172.3 | 168.4 | 168.4 |
| 127.5° | 224.6 | 228.4 | 172.3 | 164.6 | 162.6 | 162.6 | 162.6 | 164.6 | 162.6 | 156.8 | 156.8 |
| 130° | 216.8 | 214.9 | 166.5 | 152.9 | 151.0 | 152.9 | 152.9 | 154.9 | 151.0 | 147.1 | 147.1 |
| 132.5° | 201.3 | 197.5 | 158.7 | 145.2 | 143.3 | 145.2 | 145.2 | 145.2 | 141.3 | 137.4 | 137.4 |
| 135° | 183.9 | 180.0 | 149.1 | 135.5 | 133.6 | 135.5 | 135.5 | 137.4 | 133.6 | 129.7 | 129.7 |
| 137.5° | 170.4 | 166.5 | 139.4 | 127.8 | 125.8 | 125.8 | 127.8 | 127.8 | 125.8 | 122.0 | 122.0 |
| 140° | 158.7 | 154.9 | 129.7 | 120.0 | 116.2 | 118.1 | 118.1 | 118.1 | 116.2 | 112.3 | 112.3 |
| 142.5° | 149.1 | 147.1 | 120.0 | 110.3 | 106.5 | 108.4 | 108.4 | 110.3 | 106.5 | 102.6 | 102.6 |
| 145° | 141.3 | 137.4 | 112.3 | 100.7 | 98.7 | 98.7 | 98.7 | 100.7 | 96.8 | 92.9 | 92.9 |
| 147.5° | 133.6 | 129.7 | 102.6 | 91.0 | 89.1 | 89.1 | 89.1 | 89.1 | 87.1 | 83.2 | 81.3 |
| 150° | 118.1 | 116.2 | 94.9 | 83.2 | 79.4 | 79.4 | 79.4 | 77.4 | 73.6 | 69.7 | 69.7 |
| 152.5° | 100.7 | 98.7 | 83.2 | 73.6 | 69.7 | 69.7 | 67.8 | 67.8 | 63.9 | 61.9 | 60.0 |
| 155° | 87.1 | 87.1 | 75.5 | 65.8 | 61.9 | 60.0 | 58.1 | 58.1 | 56.1 | 54.2 | 52.3 |
| 157.5° | 77.4 | 75.5 | 67.8 | 60.0 | 52.3 | 52.3 | 50.3 | 50.3 | 48.4 | 46.5 | 44.5 |
| 160° | 65.8 | 65.8 | 58.1 | 50.3 | 44.5 | 42.6 | 42.6 | 40.7 | 38.7 | 36.8 | 36.8 |
| 162.5° | 52.3 | 52.3 | 46.5 | 40.7 | 34.8 | 34.8 | 32.9 | 32.9 | 31.0 | 29.0 | 27.1 |
| 165° | 36.8 | 36.8 | 34.8 | 31.0 | 27.1 | 25.2 | 25.2 | 25.2 | 23.2 | 21.3 | 21.3 |
| 167.5° | 25.2 | 25.2 | 23.2 | 21.3 | 19.4 | 17.4 | 19.4 | 19.4 | 17.4 | 15.5 | 15.5 |
| 170° | 13.6 | 13.6 | 11.6 | 11.6 | 9.7 | 9.7 | 11.6 | 13.6 | 11.6 | 9.7 | 7.7 |
| 172.5° | 5.8 | 5.8 | 5.8 | 5.8 | 3.9 | 5.8 | 7.7 | 9.7 | 7.7 | 5.8 | 5.8 |
| 175° | 3.9 | 3.9 | 5.8 | 5.8 | 3.9 | 5.8 | 7.7 | 9.7 | 7.7 | 5.8 | 5.8 |
| 177.5° | 3.9 | 3.9 | 5.8 | 5.8 | 3.9 | 5.8 | 7.7 | 9.7 | 7.7 | 5.8 | 5.8 |
| 180° | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 |

(END OF REPORT)