

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: P691527

Luminaire Tested: **CRTK2-C016-D-U-T3-7050**

Issue Date: 6/13/2023

Test Information

Test Method: LM-79-08
Report Number: P691527
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-903-9)
Test Lab: INNOVATION CENTER
Issue Date: 6/13/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: CRTK2-C016-D-U-T3-7050
Description: CARETAKER AREA AND ROADWAY LUMINAIRE
(1) 70 CRI, 5000K LED WITH TYPE III OPTIC
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6045 lumens
Efficiency: N/A
Efficacy: 145.3 lumens/watt
Luminous Opening: Vertical Cylinder (Dia: 0.33' x H: 0.08')
IES Classification: Type III - Medium
BUG Rating: B1 - U3 - G2

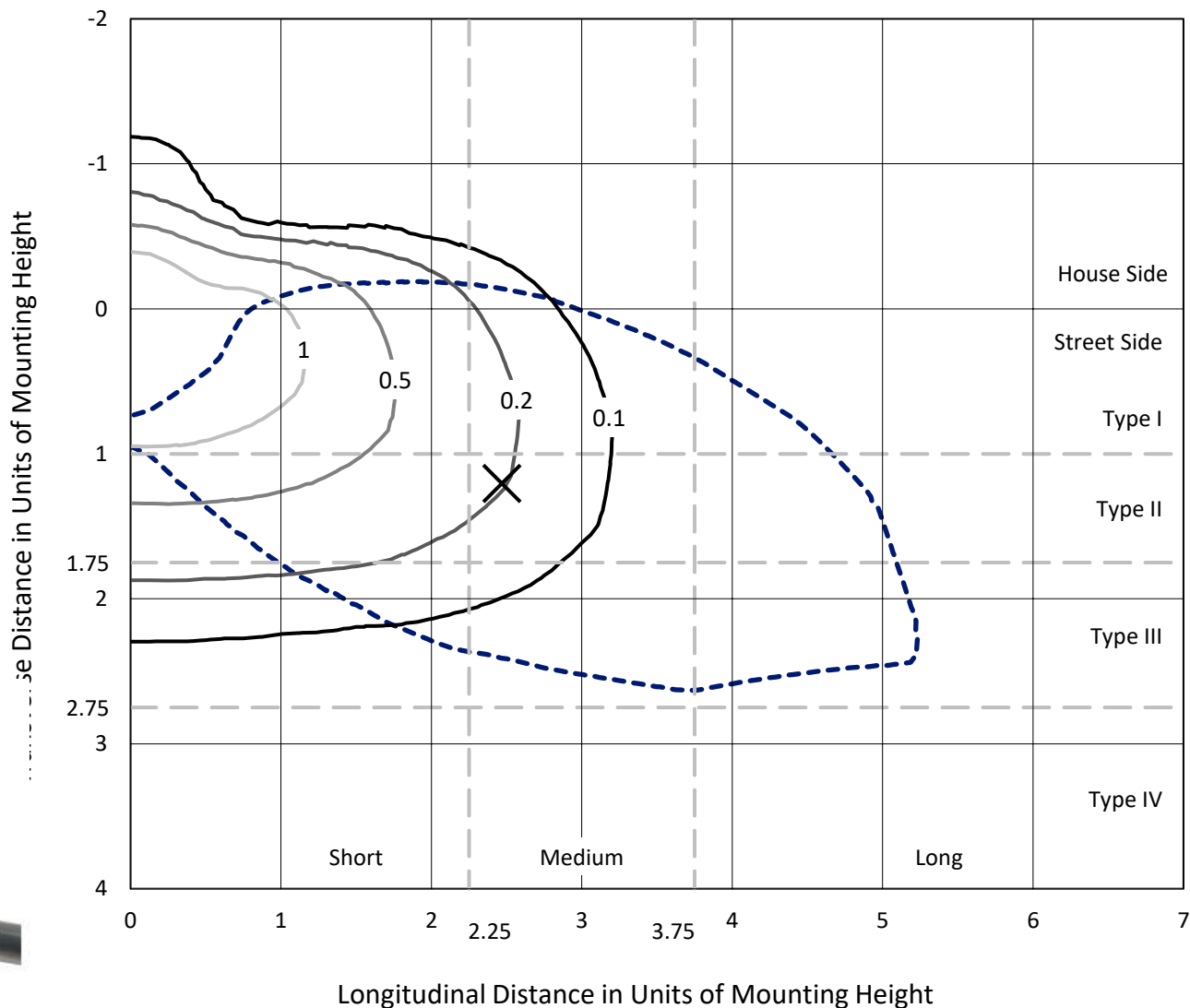
Input Watts (W): 41.6
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

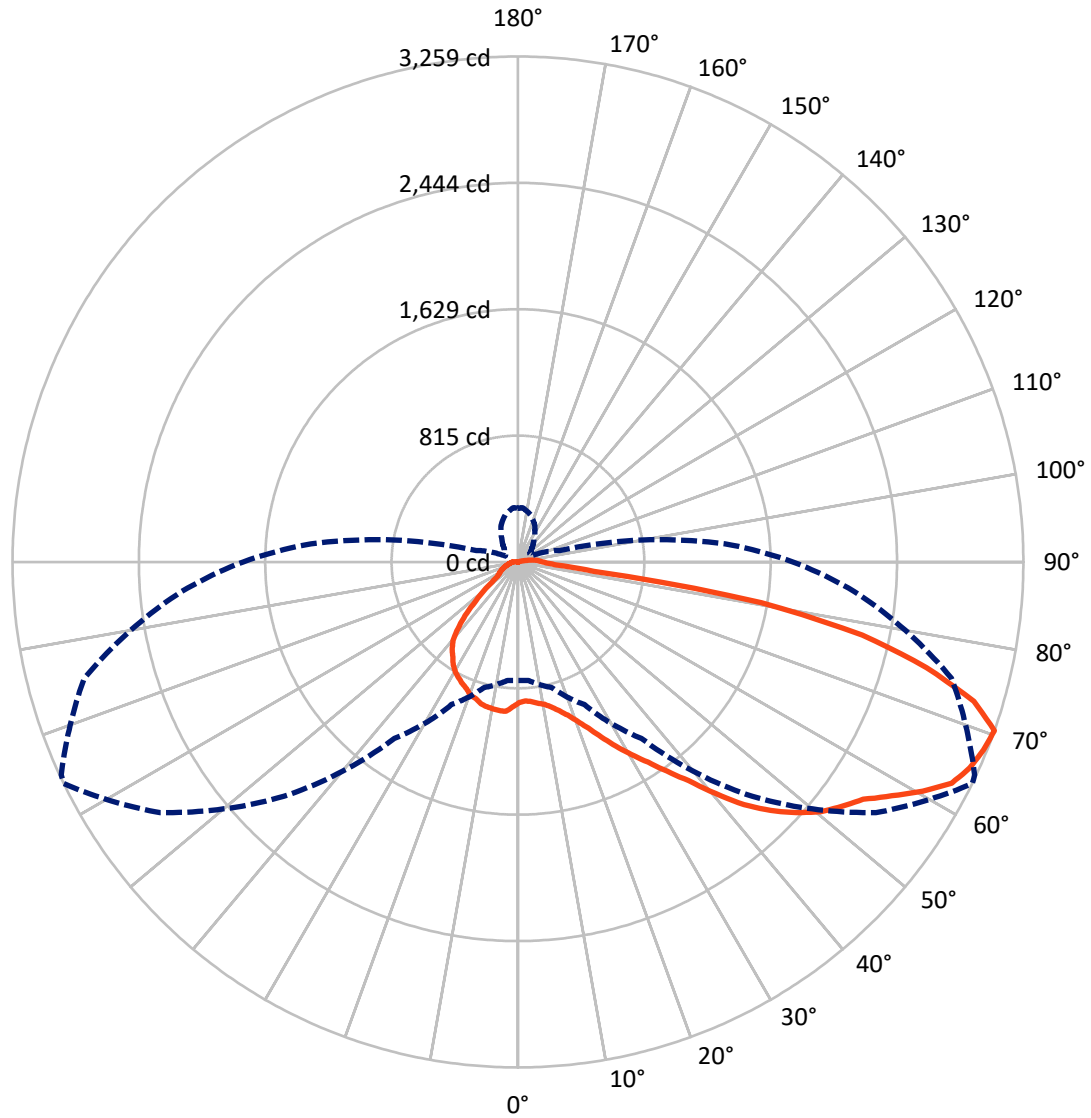
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.7 fc
 Type III - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 64-Deg Lateral - - - Horizontal Cone Through 70-Deg Vertical

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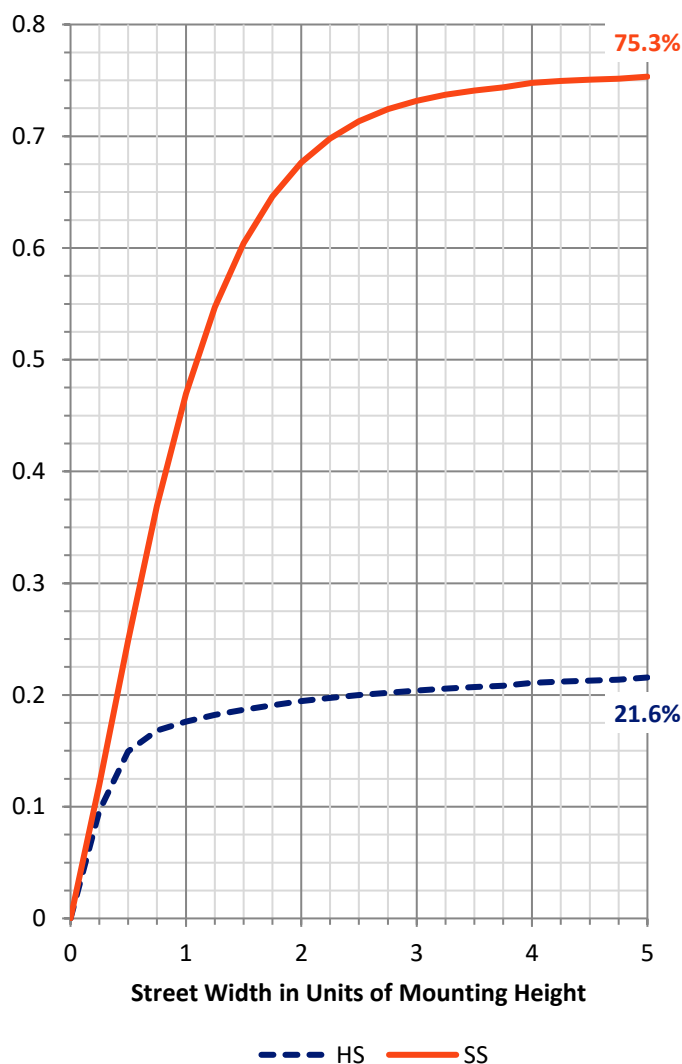
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 1378.1 | 37.4 | 1415.4 |
| | % Fixture | 22.8 | 0.6 | 23.4 |
| Street Side | Lumens | 4581.4 | 48.2 | 4629.6 |
| | % Fixture | 75.8 | 0.8 | 76.6 |
| Total | Lumens | 5959.5 | 85.6 | 6045.0 |
| | % Fixture | 98.6 | 1.4 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 90.4 | 1.5 |
| 10°-20° | 281.4 | 4.7 |
| 20°-30° | 488.3 | 8.1 |
| 30°-40° | 708.5 | 11.7 |
| 40°-50° | 950.8 | 15.7 |
| 50°-60° | 1149.7 | 19.0 |
| 60°-70° | 1237.5 | 20.5 |
| 70°-80° | 850.0 | 14.1 |
| 80°-90° | 202.8 | 3.4 |
| 90°-100° | 73.4 | 1.2 |
| 100°-110° | 9.2 | 0.2 |
| 110°-120° | 0.7 | 0.0 |
| 120°-130° | 0.6 | 0.0 |
| 130°-140° | 0.6 | 0.0 |
| 140°-150° | 0.5 | 0.0 |
| 150°-160° | 0.4 | 0.0 |
| 160°-170° | 0.2 | 0.0 |
| 170°-180° | 0.1 | 0.0 |
| 0°-90° | 5959.5 | 98.6 |
| 0°-180° | 6045.0 | 100.0 |

Coefficient of Utilization

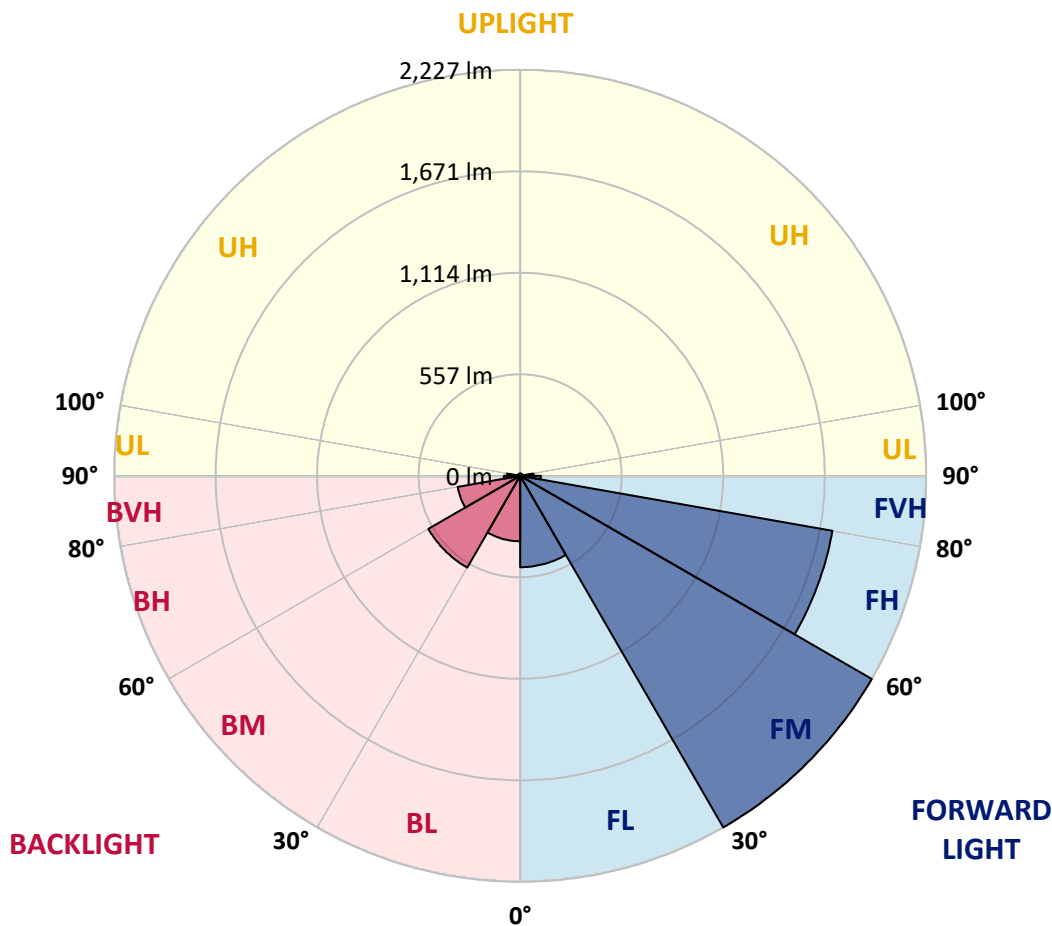


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|--------|---------|
| | | | B | U | G |
| FL (0°-30°) | 501.2 | 8.3 | | | |
| FM (30°-60°) | 2227.4 | 36.8 | | | |
| FH (60°-80°) | 1739.3 | 28.8 | | | G1/1800 |
| FVH (80°-90°) | 113.5 | 1.9 | | | G2/225 |
| BL (0°-30°) | 358.9 | 5.9 | B1/500 | | |
| BM (30°-60°) | 581.6 | 9.6 | B1/1000 | | |
| BH (60°-80°) | 348.2 | 5.8 | B1/500 | | G1/500 |
| BVH (80°-90°) | 89.4 | 1.5 | | | G1/100 |
| UL (90°-100°) | 73.4 | 1.2 | | U3/500 | |
| UH (100°-180°) | 12.2 | 0.2 | | U2/50 | |

BUG Rating: B1-U3-G2
 Type III Medium





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CATALOG NUMBER: CRTK2-C016-D-U-T3-7050

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 64° | 65° | 75° | 85° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 907.2 | 907.2 | 907.2 | 907.2 | 907.2 | 907.2 | 907.2 | 907.2 | 907.2 | 907.2 | 907.2 |
| 2.5° | 899.3 | 899.3 | 897.3 | 897.3 | 899.3 | 901.3 | 899.3 | 897.3 | 899.3 | 901.3 | 907.2 |
| 5° | 935.0 | 933.0 | 931.0 | 923.1 | 915.1 | 909.2 | 905.2 | 903.3 | 905.2 | 913.2 | 927.0 |
| 7.5° | 958.7 | 956.7 | 956.7 | 954.8 | 946.8 | 931.0 | 921.1 | 919.1 | 919.1 | 921.1 | 938.9 |
| 10° | 1008.2 | 1004.3 | 996.4 | 982.5 | 974.6 | 954.8 | 936.9 | 933.0 | 933.0 | 936.9 | 958.7 |
| 12.5° | 1061.7 | 1053.8 | 1055.8 | 1039.9 | 1016.2 | 994.4 | 968.6 | 958.7 | 954.8 | 958.7 | 970.6 |
| 15° | 1135.0 | 1129.1 | 1113.2 | 1095.4 | 1071.6 | 1041.9 | 1010.2 | 994.4 | 992.4 | 998.3 | 988.4 |
| 17.5° | 1188.5 | 1180.6 | 1182.6 | 1156.8 | 1137.0 | 1097.4 | 1067.7 | 1038.0 | 1038.0 | 1045.9 | 1020.1 |
| 20° | 1244.0 | 1240.0 | 1245.9 | 1240.0 | 1210.3 | 1174.6 | 1131.1 | 1095.4 | 1089.5 | 1093.4 | 1055.8 |
| 22.5° | 1315.3 | 1309.3 | 1309.3 | 1311.3 | 1287.5 | 1251.9 | 1200.4 | 1164.7 | 1162.7 | 1146.9 | 1095.4 |
| 25° | 1388.6 | 1382.6 | 1380.6 | 1384.6 | 1380.6 | 1339.0 | 1285.6 | 1249.9 | 1244.0 | 1222.2 | 1148.9 |
| 27.5° | 1457.9 | 1457.9 | 1459.9 | 1463.8 | 1469.8 | 1436.1 | 1384.6 | 1345.0 | 1345.0 | 1321.2 | 1220.2 |
| 30° | 1509.4 | 1509.4 | 1527.2 | 1535.1 | 1541.1 | 1533.2 | 1477.7 | 1440.1 | 1444.0 | 1412.3 | 1301.4 |
| 32.5° | 1556.9 | 1558.9 | 1578.7 | 1598.5 | 1604.5 | 1610.4 | 1562.9 | 1539.1 | 1539.1 | 1509.4 | 1388.6 |
| 35° | 1604.5 | 1604.5 | 1632.2 | 1671.8 | 1691.6 | 1685.7 | 1663.9 | 1656.0 | 1658.0 | 1652.0 | 1517.3 |
| 37.5° | 1642.1 | 1646.1 | 1687.7 | 1737.2 | 1764.9 | 1774.8 | 1762.9 | 1788.7 | 1812.5 | 1830.3 | 1685.7 |
| 40° | 1679.7 | 1679.7 | 1719.4 | 1772.8 | 1822.4 | 1850.1 | 1865.9 | 1963.0 | 1980.8 | 1986.8 | 1780.8 |
| 42.5° | 1640.1 | 1650.0 | 1733.2 | 1812.5 | 1875.8 | 1923.4 | 1994.7 | 2139.3 | 2161.1 | 2093.7 | 1909.5 |
| 45° | 1602.5 | 1614.4 | 1697.6 | 1830.3 | 1921.4 | 2016.5 | 2139.3 | 2285.9 | 2303.7 | 2202.7 | 1986.8 |
| 47.5° | 1564.9 | 1578.7 | 1669.8 | 1814.4 | 1963.0 | 2119.5 | 2252.2 | 2414.6 | 2422.6 | 2291.8 | 2073.9 |
| 50° | 1525.2 | 1539.1 | 1636.2 | 1796.6 | 1988.8 | 2224.5 | 2365.1 | 2531.5 | 2531.5 | 2371.1 | 2125.4 |
| 52.5° | 1475.7 | 1491.6 | 1590.6 | 1768.9 | 2008.6 | 2295.8 | 2468.1 | 2616.7 | 2600.8 | 2466.1 | 2182.9 |
| 55° | 1412.3 | 1434.1 | 1539.1 | 1729.3 | 2016.5 | 2333.4 | 2533.5 | 2699.9 | 2695.9 | 2583.0 | 2256.2 |
| 57.5° | 1345.0 | 1362.8 | 1475.7 | 1677.8 | 2008.6 | 2359.2 | 2602.8 | 2844.5 | 2850.4 | 2684.0 | 2313.6 |
| 60° | 1269.7 | 1281.6 | 1390.5 | 1606.5 | 1957.1 | 2404.7 | 2759.3 | 2999.0 | 3006.9 | 2777.1 | 2335.4 |
| 62.5° | 1170.7 | 1178.6 | 1281.6 | 1509.4 | 1887.7 | 2434.4 | 2872.2 | 3139.6 | 3135.7 | 2860.3 | 2339.4 |
| 65° | 1045.9 | 1055.8 | 1152.8 | 1380.6 | 1784.7 | 2414.6 | 2899.9 | 3201.0 | 3205.0 | 2899.9 | 2333.4 |
| 67.5° | 925.0 | 931.0 | 1012.2 | 1210.3 | 1618.3 | 2319.6 | 2872.2 | 3236.7 | 3254.5 | 2933.6 | 2276.0 |
| 70° | 764.6 | 766.6 | 837.9 | 1014.2 | 1388.6 | 2137.3 | 2816.7 | 3258.5 | 3248.6 | 2894.0 | 2176.9 |
| 72.5° | 588.3 | 590.3 | 643.8 | 776.5 | 1079.6 | 1820.4 | 2620.6 | 3074.2 | 3056.4 | 2676.1 | 1963.0 |
| 75° | 418.0 | 425.9 | 457.6 | 544.7 | 723.0 | 1329.1 | 2242.3 | 2721.7 | 2733.5 | 2381.0 | 1636.2 |
| 77.5° | 237.7 | 245.6 | 271.4 | 340.7 | 416.0 | 744.8 | 1693.6 | 2270.0 | 2278.0 | 2002.6 | 1255.8 |
| 80° | 103.0 | 105.0 | 114.9 | 162.4 | 221.9 | 356.5 | 867.6 | 1590.6 | 1705.5 | 1360.8 | 717.1 |
| 82.5° | 87.2 | 87.2 | 91.1 | 95.1 | 97.1 | 162.4 | 336.7 | 493.2 | 509.1 | 402.1 | 233.7 |
| 85° | 75.3 | 75.3 | 79.2 | 83.2 | 85.2 | 110.9 | 204.0 | 247.6 | 257.5 | 229.8 | 164.4 |
| 87.5° | 59.4 | 59.4 | 65.4 | 69.3 | 69.3 | 91.1 | 152.5 | 184.2 | 190.2 | 184.2 | 146.6 |
| 90° | 53.5 | 53.5 | 51.5 | 51.5 | 53.5 | 65.4 | 118.8 | 154.5 | 160.4 | 196.1 | 168.4 |
| 92.5° | 45.6 | 47.5 | 47.5 | 47.5 | 41.6 | 47.5 | 85.2 | 136.7 | 148.6 | 194.1 | 152.5 |
| 95° | 45.6 | 43.6 | 43.6 | 41.6 | 39.6 | 41.6 | 63.4 | 118.8 | 132.7 | 168.4 | 128.8 |
| 97.5° | 31.7 | 29.7 | 31.7 | 33.7 | 35.7 | 37.6 | 53.5 | 87.2 | 97.1 | 130.7 | 95.1 |
| 100° | 19.8 | 19.8 | 19.8 | 19.8 | 23.8 | 25.8 | 43.6 | 53.5 | 59.4 | 83.2 | 63.4 |
| 102.5° | 11.9 | 9.9 | 9.9 | 9.9 | 11.9 | 15.8 | 21.8 | 29.7 | 31.7 | 47.5 | 37.6 |
| 105° | 4.0 | 4.0 | 4.0 | 4.0 | 5.9 | 7.9 | 7.9 | 11.9 | 11.9 | 15.8 | 15.8 |
| 107.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 2.0 |
| 110° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 2.0 |



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 CATALOG NUMBER: CRTK2-C016-D-U-T3-7050

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 64° | 65° | 75° | 85° |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 2.0 |
| 115° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 2.0 |
| 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 2.0 |
| 120° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 2.0 |
| 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 2.0 |
| 125° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 2.0 |
| 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 2.0 |
| 130° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 2.0 |
| 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 2.0 |
| 135° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 2.0 |
| 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 2.0 |
| 140° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 0.0 | 2.0 | 2.0 |
| 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| 145° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 2.0 |
| 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 2.0 | 2.0 |
| 150° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| 155° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 2.0 | 2.0 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| 160° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| 165° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 2.0 | 2.0 |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 2.0 |
| 170° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 0.0 | 2.0 | 2.0 |
| 175° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 2.0 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| 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° | 907.2 | 907.2 | 907.2 | 907.2 | 907.2 | 907.2 | 907.2 | 907.2 | 907.2 | 907.2 | 907.2 |
| 2.5° | 911.2 | 915.1 | 923.1 | 933.0 | 944.9 | 954.8 | 962.7 | 964.7 | 968.6 | 968.6 | 972.6 |
| 5° | 931.0 | 938.9 | 950.8 | 964.7 | 970.6 | 966.6 | 966.6 | 968.6 | 972.6 | 982.5 | 986.5 |
| 7.5° | 952.8 | 958.7 | 958.7 | 964.7 | 976.5 | 972.6 | 970.6 | 968.6 | 968.6 | 964.7 | 970.6 |
| 10° | 960.7 | 952.8 | 962.7 | 960.7 | 956.7 | 964.7 | 966.6 | 954.8 | 956.7 | 956.7 | 958.7 |
| 12.5° | 962.7 | 962.7 | 954.8 | 954.8 | 954.8 | 936.9 | 933.0 | 942.9 | 933.0 | 936.9 | 935.0 |
| 15° | 984.5 | 968.6 | 958.7 | 946.8 | 931.0 | 925.0 | 911.2 | 895.3 | 895.3 | 899.3 | 899.3 |
| 17.5° | 1000.3 | 984.5 | 954.8 | 923.1 | 917.1 | 889.4 | 879.5 | 875.5 | 873.5 | 875.5 | 879.5 |
| 20° | 1024.1 | 1000.3 | 950.8 | 919.1 | 867.6 | 857.7 | 839.9 | 837.9 | 833.9 | 820.1 | 816.1 |
| 22.5° | 1055.8 | 1018.1 | 948.8 | 885.4 | 843.8 | 810.2 | 778.5 | 758.7 | 756.7 | 746.8 | 740.8 |
| 25° | 1091.4 | 1053.8 | 956.7 | 869.6 | 800.3 | 750.7 | 725.0 | 679.4 | 657.6 | 665.6 | 661.6 |
| 27.5° | 1164.7 | 1095.4 | 970.6 | 847.8 | 764.6 | 687.3 | 627.9 | 600.2 | 572.5 | 572.5 | 576.4 |
| 30° | 1232.1 | 1148.9 | 970.6 | 828.0 | 705.2 | 612.1 | 534.8 | 491.2 | 479.4 | 471.4 | 467.5 |
| 32.5° | 1333.1 | 1216.2 | 1012.2 | 800.3 | 649.7 | 515.0 | 427.9 | 376.4 | 378.3 | 386.3 | 384.3 |
| 35° | 1450.0 | 1323.2 | 1024.1 | 760.6 | 568.5 | 418.0 | 330.8 | 303.1 | 318.9 | 322.9 | 322.9 |
| 37.5° | 1590.6 | 1453.9 | 1077.6 | 728.9 | 483.3 | 309.0 | 261.5 | 249.6 | 263.5 | 261.5 | 269.4 |
| 40° | 1667.9 | 1517.3 | 1123.1 | 689.3 | 370.4 | 227.8 | 202.0 | 194.1 | 215.9 | 233.7 | 237.7 |
| 42.5° | 1776.8 | 1592.6 | 1166.7 | 614.1 | 251.6 | 166.4 | 154.5 | 180.3 | 211.9 | 231.8 | 233.7 |
| 45° | 1836.2 | 1636.2 | 1148.9 | 521.0 | 160.4 | 134.7 | 150.5 | 182.2 | 215.9 | 235.7 | 237.7 |
| 47.5° | 1907.5 | 1693.6 | 1117.2 | 406.1 | 128.8 | 132.7 | 152.5 | 186.2 | 221.9 | 239.7 | 239.7 |
| 50° | 1978.8 | 1751.1 | 1039.9 | 318.9 | 120.8 | 130.7 | 156.5 | 188.2 | 219.9 | 231.8 | 231.8 |
| 52.5° | 2020.4 | 1800.6 | 948.8 | 231.8 | 118.8 | 130.7 | 158.5 | 190.2 | 217.9 | 223.8 | 223.8 |
| 55° | 2058.1 | 1804.5 | 869.6 | 172.3 | 116.9 | 132.7 | 160.4 | 194.1 | 219.9 | 225.8 | 223.8 |
| 57.5° | 2079.9 | 1778.8 | 814.1 | 148.6 | 114.9 | 132.7 | 162.4 | 198.1 | 235.7 | 249.6 | 245.6 |
| 60° | 2068.0 | 1739.2 | 772.5 | 138.7 | 112.9 | 132.7 | 164.4 | 210.0 | 299.1 | 322.9 | 315.0 |
| 62.5° | 2048.2 | 1711.4 | 685.4 | 126.8 | 108.9 | 132.7 | 166.4 | 237.7 | 332.8 | 344.7 | 334.8 |
| 65° | 2022.4 | 1630.2 | 586.3 | 114.9 | 105.0 | 130.7 | 168.4 | 257.5 | 316.9 | 316.9 | 315.0 |
| 67.5° | 1915.5 | 1521.3 | 437.8 | 103.0 | 99.0 | 130.7 | 172.3 | 253.5 | 305.0 | 330.8 | 330.8 |
| 70° | 1772.8 | 1339.0 | 289.2 | 91.1 | 93.1 | 126.8 | 180.3 | 257.5 | 315.0 | 350.6 | 346.6 |
| 72.5° | 1501.5 | 1111.2 | 160.4 | 79.2 | 85.2 | 124.8 | 180.3 | 273.4 | 340.7 | 380.3 | 374.4 |
| 75° | 1226.1 | 822.0 | 114.9 | 71.3 | 77.3 | 120.8 | 182.2 | 283.3 | 364.5 | 406.1 | 396.2 |
| 77.5° | 863.6 | 471.4 | 91.1 | 61.4 | 69.3 | 114.9 | 180.3 | 279.3 | 376.4 | 414.0 | 402.1 |
| 80° | 364.5 | 170.4 | 75.3 | 55.5 | 59.4 | 103.0 | 166.4 | 267.4 | 376.4 | 437.8 | 431.8 |
| 82.5° | 164.4 | 120.8 | 65.4 | 49.5 | 55.5 | 85.2 | 154.5 | 257.5 | 364.5 | 439.7 | 475.4 |
| 85° | 128.8 | 99.0 | 55.5 | 43.6 | 49.5 | 81.2 | 138.7 | 245.6 | 348.6 | 406.1 | 445.7 |
| 87.5° | 122.8 | 99.0 | 49.5 | 39.6 | 45.6 | 69.3 | 107.0 | 227.8 | 313.0 | 374.4 | 406.1 |
| 90° | 132.7 | 103.0 | 39.6 | 33.7 | 41.6 | 61.4 | 87.2 | 192.1 | 271.4 | 328.8 | 328.8 |
| 92.5° | 122.8 | 95.1 | 29.7 | 25.8 | 43.6 | 49.5 | 83.2 | 118.8 | 196.1 | 164.4 | 204.0 |
| 95° | 103.0 | 79.2 | 19.8 | 17.8 | 41.6 | 41.6 | 45.6 | 55.5 | 136.7 | 4.0 | 0.0 |
| 97.5° | 75.3 | 57.4 | 11.9 | 9.9 | 31.7 | 33.7 | 21.8 | 25.8 | 55.5 | 0.0 | 0.0 |
| 100° | 55.5 | 37.6 | 7.9 | 7.9 | 19.8 | 27.7 | 13.9 | 13.9 | 0.0 | 0.0 | 0.0 |
| 102.5° | 29.7 | 19.8 | 5.9 | 4.0 | 9.9 | 15.8 | 5.9 | 4.0 | 0.0 | 0.0 | 0.0 |
| 105° | 15.8 | 7.9 | 2.0 | 2.0 | 2.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 107.5° | 4.0 | 2.0 | 2.0 | 2.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 110° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 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° |
|--------|-----|-----|------|------|------|------|------|------|------|------|------|
| 112.5° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 115° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 117.5° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 120° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 122.5° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 125° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 127.5° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 130° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 132.5° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 135° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 137.5° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 140° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 142.5° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 145° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 147.5° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 150° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 152.5° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 155° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 157.5° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 160° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 162.5° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 165° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 167.5° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 170° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 172.5° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 175° | 2.0 | 2.0 | 2.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 177.5° | 2.0 | 2.0 | 2.0 | 2.0 | 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)