

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: P691981

Luminaire Tested: **CRTK2-C01HO-D-U-T3-7050-RMARROA5-HSS-CRTK2**

Issue Date: 6/13/2023

Test Information

Test Method: LM-79-08
Report Number: P691981
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-903-16)
Test Lab: INNOVATION CENTER
Issue Date: 6/13/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: CRTK2-C01HO-D-U-T3-7050-RMARROA5-HSS-CRTK2
Description: CARETAKER AREA AND ROADWAY LUMINAIRE
(1) 70 CRI, 5000K LED WITH TYPE III OPTIC AND NEMA REFRACTOR WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8865 lumens
Efficiency: N/A
Efficacy: 112.2 lumens/watt
Luminous Opening: Vertical Cylinder (Dia: 0.33' x H: 0.54')
IES Classification: Type I - Short
BUG Rating: B3 - U4 - G3

Input Watts (W): 79
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

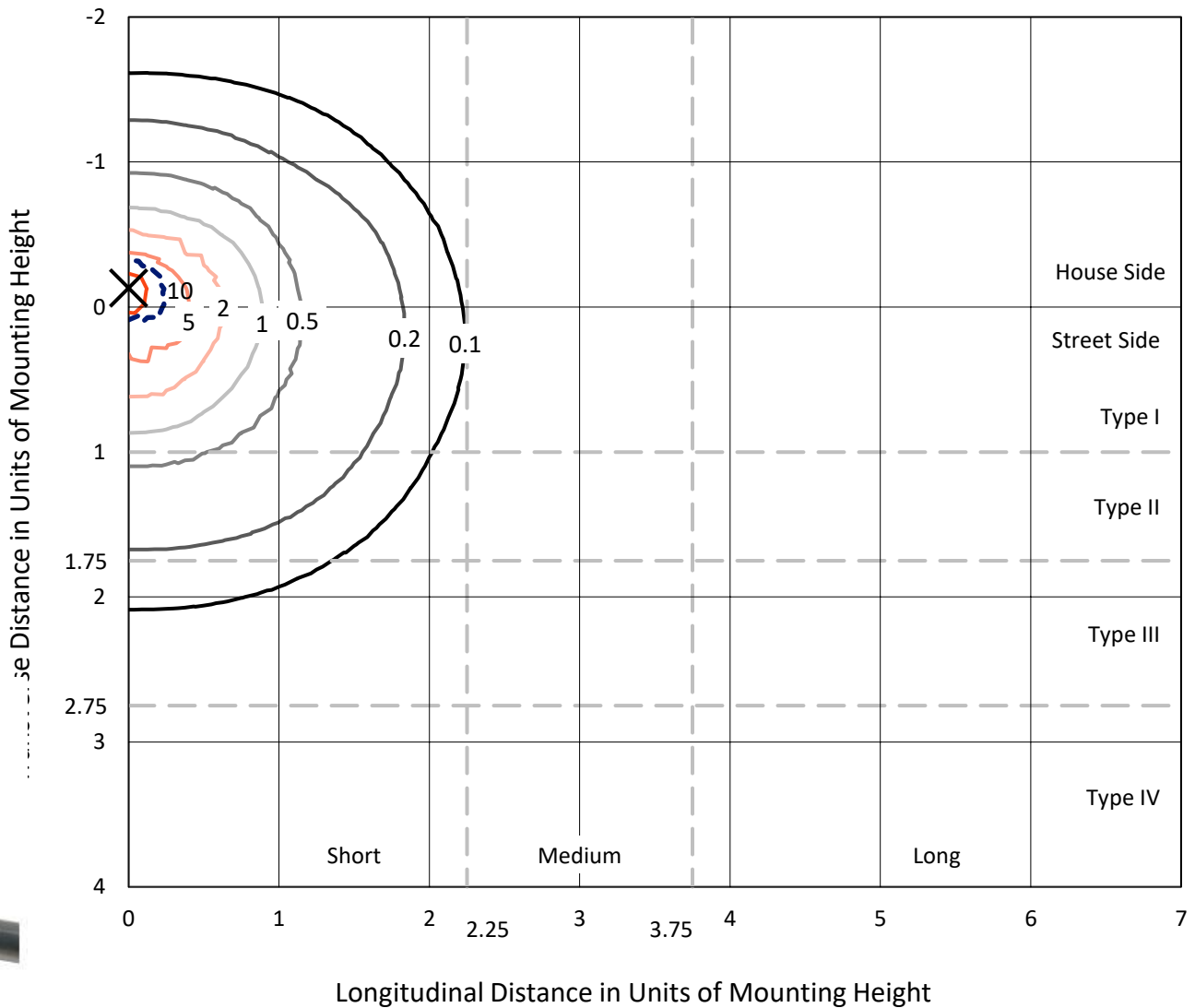


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Iso-Footcandle Lines of Horizontal Illumination

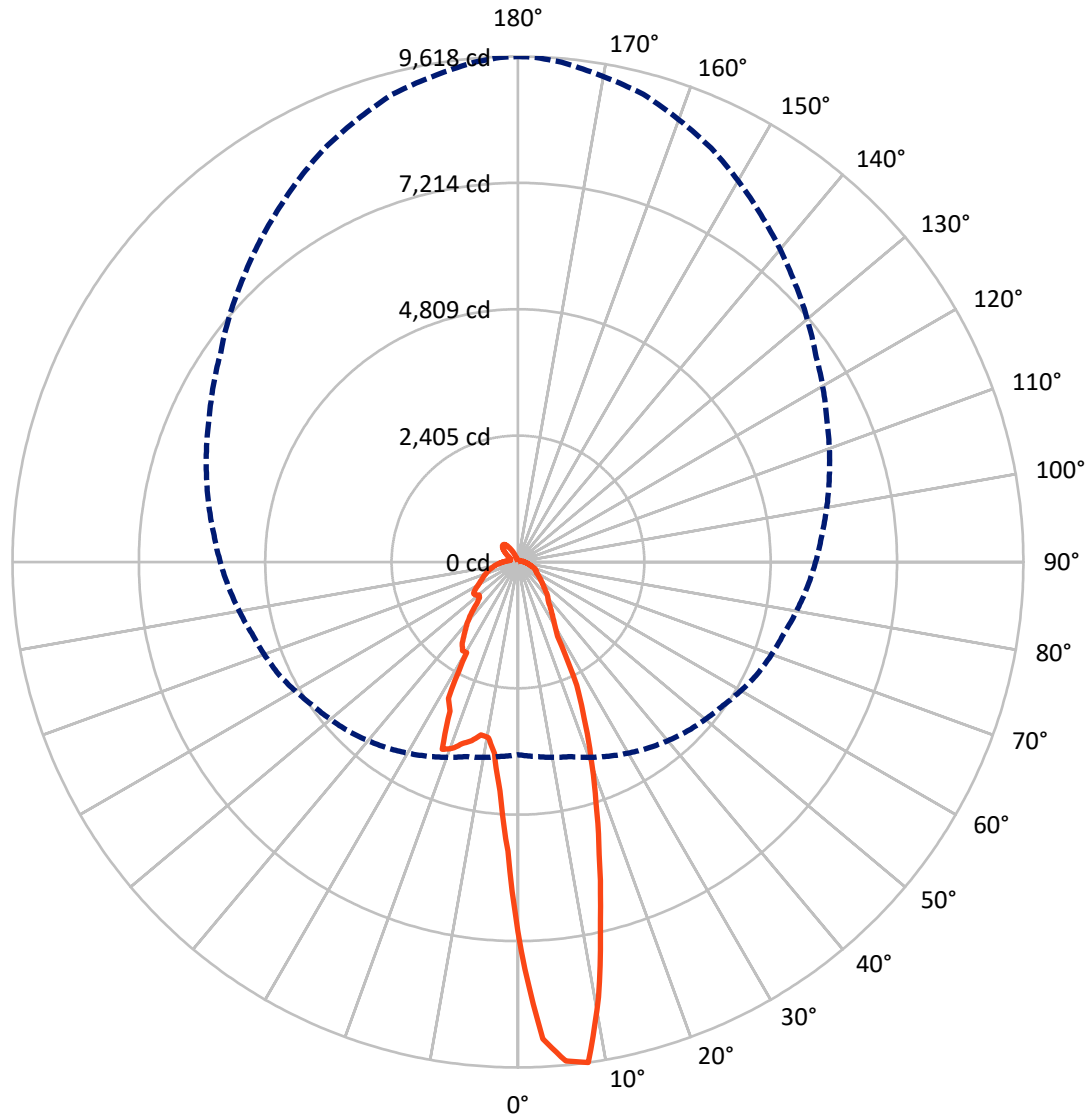
✕ Max cd
 - - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 15 fc
 Type I - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 180-Deg Lateral - - - Horizontal Cone Through 7.5-Deg Vertical

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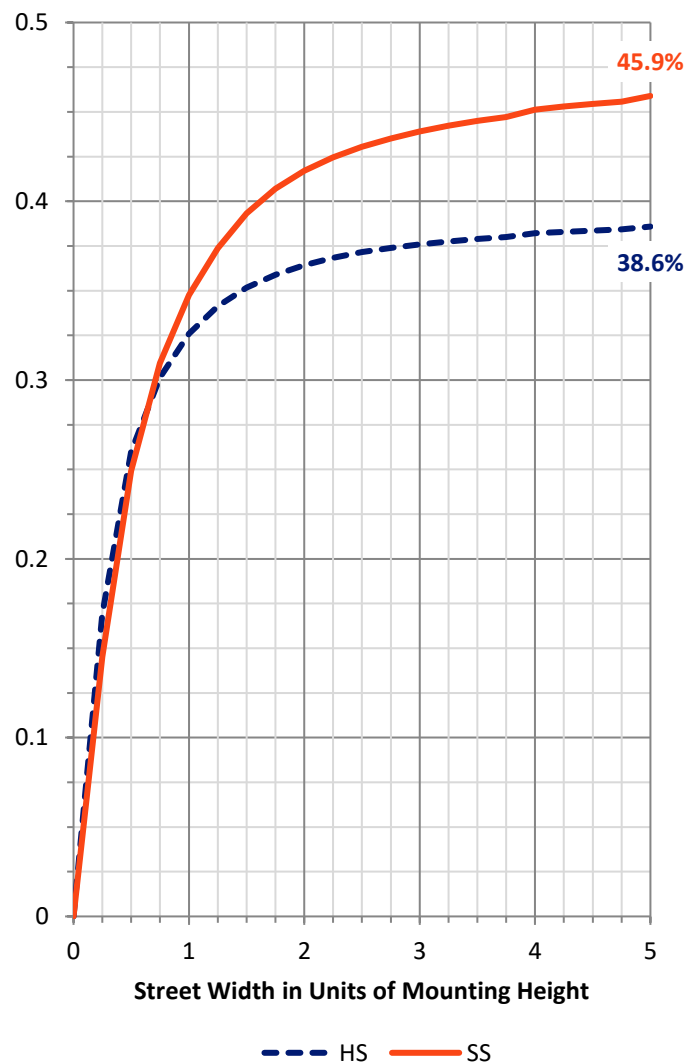
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 3509.8 | 366.0 | 3875.8 |
| | % Fixture | 39.6 | 4.1 | 43.7 |
| Street Side | Lumens | 4185.4 | 803.8 | 4989.2 |
| | % Fixture | 47.2 | 9.1 | 56.3 |
| Total | Lumens | 7695.2 | 1169.8 | 8865.0 |
| | % Fixture | 86.8 | 13.2 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 593.9 | 6.7 |
| 10°-20° | 1270.6 | 14.3 |
| 20°-30° | 1403.1 | 15.8 |
| 30°-40° | 1017.6 | 11.5 |
| 40°-50° | 857.3 | 9.7 |
| 50°-60° | 875.2 | 9.9 |
| 60°-70° | 745.9 | 8.4 |
| 70°-80° | 556.1 | 6.3 |
| 80°-90° | 375.3 | 4.2 |
| 90°-100° | 224.4 | 2.5 |
| 100°-110° | 129.0 | 1.5 |
| 110°-120° | 120.6 | 1.4 |
| 120°-130° | 175.7 | 2.0 |
| 130°-140° | 238.8 | 2.7 |
| 140°-150° | 194.3 | 2.2 |
| 150°-160° | 77.5 | 0.9 |
| 160°-170° | 9.4 | 0.1 |
| 170°-180° | 0.0 | 0.0 |
| 0°-90° | 7695.2 | 86.8 |
| 0°-180° | 8865.0 | 100.0 |



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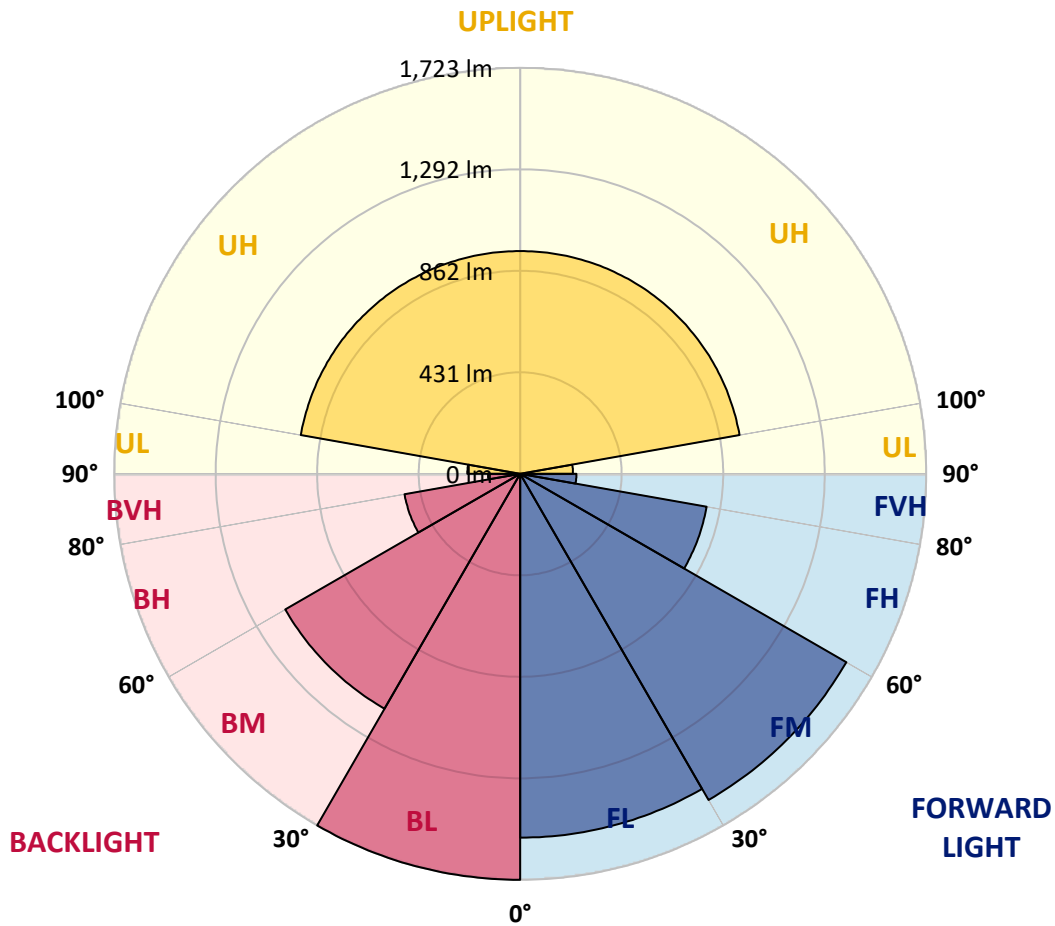
CATALOG NUMBER: CRTK2-C01HO-D-U-T3-7050-RMARROA5-HSS-CRTK2

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|---------|---------|
| | | | B | U | G |
| FL (0°-30°) | 1544.3 | 17.4 | | | |
| FM (30°-60°) | 1598.7 | 18.0 | | | |
| FH (60°-80°) | 803.6 | 9.1 | | | G1/1800 |
| FVH (80°-90°) | 238.8 | 2.7 | | | G3/500 |
| BL (0°-30°) | 1723.3 | 19.4 | B3/2500 | | |
| BM (30°-60°) | 1151.5 | 13.0 | B2/2500 | | |
| BH (60°-80°) | 498.5 | 5.6 | B1/500 | | G1/500 |
| BVH (80°-90°) | 136.6 | 1.5 | | | G2/225 |
| UL (90°-100°) | 224.4 | 2.5 | | U3/500 | |
| UH (100°-180°) | 945.4 | 10.7 | | U4/1000 | |

BUG Rating: B3-U4-G3

Type I Short





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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 7412.8 | 7412.8 | 7412.8 | 7412.8 | 7412.8 | 7412.8 | 7412.8 | 7412.8 | 7412.8 | 7412.8 | 7412.8 |
| 2.5° | 5501.6 | 5629.3 | 5640.9 | 5780.2 | 5884.6 | 5981.3 | 6051.0 | 6252.2 | 6457.2 | 6650.7 | 6762.9 |
| 5° | 4368.0 | 4429.9 | 4542.1 | 4693.0 | 4886.4 | 5037.3 | 5254.0 | 5536.4 | 5807.2 | 6147.7 | 6314.1 |
| 7.5° | 3667.7 | 3714.2 | 3834.1 | 4077.8 | 4321.6 | 4553.7 | 4762.6 | 5033.5 | 5242.4 | 5524.8 | 5664.1 |
| 10° | 3389.2 | 3416.3 | 3516.8 | 3687.1 | 3919.2 | 4112.7 | 4294.5 | 4499.6 | 4685.3 | 4944.5 | 5045.1 |
| 12.5° | 3362.1 | 3373.7 | 3454.9 | 3574.9 | 3710.3 | 3868.9 | 4019.8 | 4193.9 | 4391.2 | 4596.3 | 4673.7 |
| 15° | 3509.1 | 3501.4 | 3528.5 | 3598.1 | 3675.5 | 3799.3 | 3938.6 | 4097.2 | 4286.8 | 4437.6 | 4499.6 |
| 17.5° | 3613.6 | 3609.7 | 3660.0 | 3690.9 | 3764.5 | 3838.0 | 3977.2 | 4101.1 | 4286.8 | 4406.7 | 4441.5 |
| 20° | 3764.5 | 3772.2 | 3787.7 | 3845.7 | 3876.7 | 3927.0 | 4012.1 | 4085.6 | 4244.2 | 4313.8 | 4306.1 |
| 22.5° | 3845.7 | 3841.8 | 3907.6 | 4043.0 | 4077.8 | 4104.9 | 4120.4 | 4151.3 | 4240.3 | 4236.5 | 4178.4 |
| 25° | 3118.3 | 3126.1 | 3141.6 | 3257.6 | 3404.6 | 3644.5 | 3841.8 | 4151.3 | 4317.7 | 4255.8 | 4132.0 |
| 27.5° | 2913.3 | 2890.1 | 2808.8 | 2743.1 | 2545.7 | 2414.2 | 2290.4 | 2236.2 | 2263.3 | 2309.7 | 2437.4 |
| 30° | 1984.8 | 1988.6 | 1996.4 | 2008.0 | 2027.3 | 2077.6 | 2112.4 | 2116.3 | 2143.4 | 2220.8 | 2193.7 |
| 32.5° | 1988.6 | 1992.5 | 1980.9 | 1992.5 | 1984.8 | 2004.1 | 2000.2 | 1984.8 | 2008.0 | 2077.6 | 2050.5 |
| 35° | 1868.7 | 1860.9 | 1868.7 | 1872.6 | 1830.0 | 1814.5 | 1810.7 | 1799.0 | 1814.5 | 1849.3 | 1826.1 |
| 37.5° | 1683.0 | 1679.1 | 1713.9 | 1733.3 | 1698.5 | 1698.5 | 1690.7 | 1675.2 | 1686.8 | 1717.8 | 1686.8 |
| 40° | 1520.5 | 1524.4 | 1574.6 | 1605.6 | 1594.0 | 1605.6 | 1617.2 | 1613.3 | 1640.4 | 1652.0 | 1613.3 |
| 42.5° | 1342.5 | 1334.8 | 1385.1 | 1408.3 | 1385.1 | 1392.8 | 1388.9 | 1392.8 | 1447.0 | 1470.2 | 1443.1 |
| 45° | 1122.0 | 1133.6 | 1156.8 | 1187.8 | 1183.9 | 1195.5 | 1191.6 | 1199.4 | 1234.2 | 1245.8 | 1226.4 |
| 47.5° | 998.2 | 1005.9 | 1033.0 | 1067.8 | 1087.2 | 1106.5 | 1106.5 | 1110.4 | 1133.6 | 1137.5 | 1118.1 |
| 50° | 971.1 | 978.8 | 1013.7 | 1052.3 | 1083.3 | 1106.5 | 1118.1 | 1114.2 | 1125.9 | 1118.1 | 1091.0 |
| 52.5° | 1017.5 | 1017.5 | 1071.7 | 1118.1 | 1156.8 | 1199.4 | 1214.8 | 1199.4 | 1199.4 | 1168.4 | 1125.9 |
| 55° | 1036.9 | 1040.7 | 1106.5 | 1187.8 | 1261.3 | 1338.6 | 1388.9 | 1385.1 | 1381.2 | 1330.9 | 1253.5 |
| 57.5° | 975.0 | 986.6 | 1052.3 | 1145.2 | 1245.8 | 1369.6 | 1443.1 | 1454.7 | 1454.7 | 1388.9 | 1303.8 |
| 60° | 886.0 | 893.7 | 944.0 | 1021.4 | 1122.0 | 1214.8 | 1292.2 | 1300.0 | 1323.2 | 1288.3 | 1211.0 |
| 62.5° | 812.5 | 820.2 | 862.8 | 920.8 | 994.3 | 1052.3 | 1075.6 | 1075.6 | 1087.2 | 1075.6 | 1021.4 |
| 65° | 758.3 | 762.2 | 797.0 | 847.3 | 897.6 | 944.0 | 967.2 | 959.5 | 975.0 | 959.5 | 916.9 |
| 67.5° | 708.0 | 708.0 | 739.0 | 777.7 | 824.1 | 878.2 | 893.7 | 901.5 | 916.9 | 897.6 | 858.9 |
| 70° | 657.7 | 661.6 | 692.5 | 723.5 | 766.0 | 804.7 | 820.2 | 824.1 | 843.4 | 820.2 | 793.1 |
| 72.5° | 615.2 | 615.2 | 642.2 | 673.2 | 704.1 | 742.8 | 754.4 | 762.2 | 773.8 | 750.6 | 727.4 |
| 75° | 564.9 | 568.7 | 591.9 | 619.0 | 646.1 | 684.8 | 696.4 | 700.3 | 711.9 | 684.8 | 661.6 |
| 77.5° | 518.4 | 522.3 | 541.6 | 564.9 | 591.9 | 622.9 | 634.5 | 642.2 | 646.1 | 622.9 | 599.7 |
| 80° | 472.0 | 475.9 | 491.4 | 514.6 | 537.8 | 568.7 | 576.5 | 580.3 | 588.1 | 561.0 | 545.5 |
| 82.5° | 429.4 | 429.4 | 441.1 | 460.4 | 483.6 | 510.7 | 522.3 | 526.2 | 530.0 | 506.8 | 491.4 |
| 85° | 379.2 | 379.2 | 390.8 | 410.1 | 429.4 | 456.5 | 468.1 | 472.0 | 472.0 | 452.7 | 437.2 |
| 87.5° | 336.6 | 336.6 | 344.3 | 359.8 | 375.3 | 402.4 | 414.0 | 421.7 | 417.8 | 402.4 | 386.9 |
| 90° | 294.0 | 294.0 | 301.8 | 313.4 | 328.9 | 352.1 | 363.7 | 367.5 | 367.5 | 348.2 | 336.6 |
| 92.5° | 255.3 | 255.3 | 263.1 | 274.7 | 286.3 | 305.6 | 317.3 | 325.0 | 325.0 | 309.5 | 297.9 |
| 95° | 220.5 | 220.5 | 224.4 | 236.0 | 247.6 | 263.1 | 270.8 | 278.6 | 278.6 | 270.8 | 259.2 |
| 97.5° | 189.6 | 189.6 | 193.4 | 201.2 | 208.9 | 220.5 | 228.3 | 236.0 | 236.0 | 232.1 | 224.4 |
| 100° | 166.4 | 166.4 | 166.4 | 170.2 | 178.0 | 181.8 | 189.6 | 197.3 | 197.3 | 193.4 | 189.6 |
| 102.5° | 150.9 | 150.9 | 150.9 | 150.9 | 150.9 | 154.8 | 154.8 | 158.6 | 158.6 | 158.6 | 154.8 |
| 105° | 143.1 | 143.1 | 143.1 | 143.1 | 143.1 | 143.1 | 143.1 | 143.1 | 139.3 | 135.4 | 131.5 |
| 107.5° | 143.1 | 139.3 | 139.3 | 139.3 | 139.3 | 135.4 | 135.4 | 135.4 | 131.5 | 127.7 | 123.8 |
| 110° | 143.1 | 143.1 | 143.1 | 143.1 | 139.3 | 135.4 | 135.4 | 131.5 | 127.7 | 123.8 | 119.9 |



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CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 150.9 | 150.9 | 150.9 | 147.0 | 143.1 | 143.1 | 139.3 | 135.4 | 131.5 | 123.8 | 119.9 |
| 115° | 162.5 | 162.5 | 162.5 | 162.5 | 158.6 | 150.9 | 147.0 | 143.1 | 135.4 | 131.5 | 127.7 |
| 117.5° | 181.8 | 181.8 | 181.8 | 181.8 | 174.1 | 170.2 | 162.5 | 158.6 | 150.9 | 143.1 | 139.3 |
| 120° | 205.1 | 205.1 | 208.9 | 208.9 | 205.1 | 197.3 | 185.7 | 181.8 | 174.1 | 162.5 | 154.8 |
| 122.5° | 239.9 | 236.0 | 243.7 | 243.7 | 243.7 | 236.0 | 220.5 | 212.8 | 205.1 | 189.6 | 181.8 |
| 125° | 274.7 | 274.7 | 282.4 | 290.2 | 294.0 | 282.4 | 267.0 | 255.3 | 243.7 | 224.4 | 212.8 |
| 127.5° | 313.4 | 313.4 | 328.9 | 344.3 | 352.1 | 340.5 | 321.1 | 309.5 | 294.0 | 267.0 | 251.5 |
| 130° | 352.1 | 352.1 | 375.3 | 398.5 | 410.1 | 402.4 | 383.0 | 367.5 | 348.2 | 313.4 | 294.0 |
| 132.5° | 386.9 | 386.9 | 414.0 | 444.9 | 460.4 | 456.5 | 437.2 | 421.7 | 406.2 | 363.7 | 336.6 |
| 135° | 414.0 | 417.8 | 452.7 | 487.5 | 506.8 | 510.7 | 491.4 | 472.0 | 452.7 | 406.2 | 375.3 |
| 137.5° | 429.4 | 437.2 | 472.0 | 514.6 | 533.9 | 545.5 | 533.9 | 514.6 | 491.4 | 441.1 | 406.2 |
| 140° | 433.3 | 437.2 | 475.9 | 518.4 | 537.8 | 553.3 | 553.3 | 530.0 | 510.7 | 460.4 | 421.7 |
| 142.5° | 421.7 | 425.6 | 464.3 | 503.0 | 522.3 | 541.6 | 545.5 | 526.2 | 506.8 | 460.4 | 421.7 |
| 145° | 394.6 | 402.4 | 437.2 | 468.1 | 495.2 | 514.6 | 522.3 | 510.7 | 487.5 | 444.9 | 410.1 |
| 147.5° | 359.8 | 363.7 | 394.6 | 421.7 | 448.8 | 472.0 | 483.6 | 472.0 | 452.7 | 414.0 | 383.0 |
| 150° | 305.6 | 309.5 | 332.7 | 355.9 | 386.9 | 410.1 | 425.6 | 417.8 | 402.4 | 371.4 | 340.5 |
| 152.5° | 247.6 | 247.6 | 267.0 | 286.3 | 313.4 | 336.6 | 352.1 | 348.2 | 336.6 | 309.5 | 286.3 |
| 155° | 189.6 | 189.6 | 201.2 | 216.7 | 239.9 | 255.3 | 270.8 | 270.8 | 263.1 | 243.7 | 224.4 |
| 157.5° | 135.4 | 135.4 | 147.0 | 158.6 | 174.1 | 189.6 | 201.2 | 201.2 | 197.3 | 181.8 | 170.2 |
| 160° | 89.0 | 89.0 | 96.7 | 104.5 | 119.9 | 127.7 | 139.3 | 139.3 | 135.4 | 127.7 | 119.9 |
| 162.5° | 46.4 | 46.4 | 54.2 | 58.0 | 69.6 | 77.4 | 85.1 | 89.0 | 89.0 | 81.2 | 77.4 |
| 165° | 15.5 | 15.5 | 15.5 | 19.3 | 27.1 | 34.8 | 38.7 | 42.6 | 42.6 | 38.7 | 38.7 |
| 167.5° | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 7.7 | 11.6 | 11.6 | 11.6 | 11.6 |
| 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):

| | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 178° | 180° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 7412.8 | 7412.8 | 7412.8 | 7412.8 | 7412.8 | 7412.8 | 7412.8 | 7412.8 | 7412.8 | 7412.8 | 7412.8 |
| 2.5° | 6882.8 | 7234.9 | 7536.6 | 7853.9 | 8206.0 | 8503.9 | 8805.7 | 8972.0 | 9115.2 | 9088.1 | 9088.1 |
| 5° | 6476.6 | 6828.6 | 7196.2 | 7583.1 | 8059.0 | 8546.4 | 9010.7 | 9343.4 | 9517.5 | 9544.6 | 9540.7 |
| 7.5° | 5803.4 | 6132.2 | 6480.4 | 6909.9 | 7467.0 | 8062.8 | 8693.5 | 9215.8 | 9544.6 | 9606.5 | 9618.1 |
| 10° | 5137.9 | 5385.5 | 5679.6 | 5973.6 | 6472.7 | 7018.2 | 7583.1 | 8000.9 | 8322.0 | 8368.5 | 8422.6 |
| 12.5° | 4739.4 | 4874.8 | 5064.4 | 5269.5 | 5594.5 | 5993.0 | 6457.2 | 6697.1 | 6902.1 | 6925.4 | 6975.7 |
| 15° | 4534.4 | 4600.1 | 4646.6 | 4720.1 | 4913.5 | 5161.1 | 5373.9 | 5609.9 | 5695.0 | 5753.1 | 5780.2 |
| 17.5° | 4453.1 | 4445.4 | 4399.0 | 4399.0 | 4414.4 | 4507.3 | 4642.7 | 4723.9 | 4778.1 | 4805.2 | 4812.9 |
| 20° | 4286.8 | 4217.1 | 4124.3 | 4000.5 | 3934.7 | 3903.7 | 3938.6 | 3957.9 | 3942.4 | 3923.1 | 3957.9 |
| 22.5° | 4112.7 | 3965.6 | 3799.3 | 3656.1 | 3485.9 | 3381.4 | 3280.8 | 3246.0 | 3203.5 | 3230.5 | 3230.5 |
| 25° | 4058.5 | 3799.3 | 3532.3 | 3292.4 | 3037.1 | 2863.0 | 2677.3 | 2611.5 | 2545.7 | 2599.9 | 2599.9 |
| 27.5° | 2398.7 | 2398.7 | 2247.8 | 2046.7 | 1826.1 | 1733.3 | 1659.8 | 1617.2 | 1590.1 | 1601.7 | 1601.7 |
| 30° | 2147.2 | 2046.7 | 1953.8 | 1826.1 | 1655.9 | 1543.7 | 1447.0 | 1388.9 | 1361.9 | 1354.1 | 1361.9 |
| 32.5° | 1992.5 | 1915.1 | 1802.9 | 1675.2 | 1524.4 | 1400.5 | 1292.2 | 1234.2 | 1191.6 | 1199.4 | 1203.2 |
| 35° | 1783.6 | 1702.3 | 1605.6 | 1485.7 | 1358.0 | 1241.9 | 1145.2 | 1087.2 | 1048.5 | 1048.5 | 1052.3 |
| 37.5° | 1652.0 | 1570.8 | 1477.9 | 1369.6 | 1245.8 | 1133.6 | 1044.6 | 975.0 | 940.1 | 936.3 | 936.3 |
| 40° | 1570.8 | 1489.5 | 1404.4 | 1296.1 | 1180.0 | 1064.0 | 975.0 | 913.1 | 870.5 | 870.5 | 874.4 |
| 42.5° | 1423.8 | 1346.4 | 1272.9 | 1176.2 | 1071.7 | 971.1 | 886.0 | 831.8 | 789.3 | 781.5 | 789.3 |
| 45° | 1199.4 | 1156.8 | 1098.8 | 1033.0 | 944.0 | 862.8 | 785.4 | 739.0 | 704.1 | 704.1 | 700.3 |
| 47.5° | 1098.8 | 1056.2 | 994.3 | 928.5 | 855.0 | 773.8 | 711.9 | 669.3 | 638.4 | 638.4 | 638.4 |
| 50° | 1060.1 | 1013.7 | 936.3 | 862.8 | 777.7 | 708.0 | 653.8 | 611.3 | 588.1 | 588.1 | 584.2 |
| 52.5° | 1079.4 | 1005.9 | 905.3 | 800.9 | 719.6 | 650.0 | 595.8 | 553.3 | 533.9 | 533.9 | 530.0 |
| 55° | 1183.9 | 1052.3 | 905.3 | 777.7 | 680.9 | 603.6 | 549.4 | 503.0 | 483.6 | 483.6 | 483.6 |
| 57.5° | 1226.4 | 1079.4 | 897.6 | 754.4 | 646.1 | 564.9 | 499.1 | 456.5 | 437.2 | 437.2 | 433.3 |
| 60° | 1149.1 | 1025.3 | 858.9 | 723.5 | 619.0 | 537.8 | 475.9 | 433.3 | 410.1 | 410.1 | 406.2 |
| 62.5° | 978.8 | 889.9 | 762.2 | 661.6 | 580.3 | 506.8 | 452.7 | 410.1 | 390.8 | 390.8 | 390.8 |
| 65° | 878.2 | 800.9 | 700.3 | 611.3 | 537.8 | 475.9 | 425.6 | 390.8 | 371.4 | 371.4 | 371.4 |
| 67.5° | 820.2 | 754.4 | 653.8 | 568.7 | 495.2 | 437.2 | 390.8 | 359.8 | 344.3 | 340.5 | 344.3 |
| 70° | 758.3 | 688.7 | 595.8 | 514.6 | 448.8 | 394.6 | 352.1 | 321.1 | 305.6 | 305.6 | 305.6 |
| 72.5° | 692.5 | 626.8 | 537.8 | 464.3 | 398.5 | 355.9 | 313.4 | 286.3 | 270.8 | 270.8 | 267.0 |
| 75° | 630.6 | 564.9 | 479.7 | 410.1 | 355.9 | 313.4 | 278.6 | 255.3 | 239.9 | 239.9 | 239.9 |
| 77.5° | 572.6 | 510.7 | 429.4 | 367.5 | 317.3 | 282.4 | 247.6 | 228.3 | 216.7 | 216.7 | 212.8 |
| 80° | 518.4 | 460.4 | 383.0 | 328.9 | 282.4 | 251.5 | 220.5 | 205.1 | 193.4 | 193.4 | 193.4 |
| 82.5° | 464.3 | 410.1 | 340.5 | 290.2 | 251.5 | 220.5 | 197.3 | 181.8 | 174.1 | 170.2 | 174.1 |
| 85° | 414.0 | 363.7 | 301.8 | 255.3 | 220.5 | 193.4 | 174.1 | 158.6 | 150.9 | 150.9 | 150.9 |
| 87.5° | 367.5 | 321.1 | 267.0 | 224.4 | 193.4 | 170.2 | 150.9 | 139.3 | 135.4 | 131.5 | 131.5 |
| 90° | 317.3 | 274.7 | 228.3 | 193.4 | 166.4 | 147.0 | 127.7 | 119.9 | 112.2 | 112.2 | 112.2 |
| 92.5° | 282.4 | 247.6 | 205.1 | 174.1 | 150.9 | 135.4 | 119.9 | 112.2 | 104.5 | 104.5 | 104.5 |
| 95° | 247.6 | 216.7 | 181.8 | 158.6 | 139.3 | 123.8 | 112.2 | 104.5 | 100.6 | 100.6 | 100.6 |
| 97.5° | 212.8 | 189.6 | 162.5 | 143.1 | 127.7 | 116.1 | 104.5 | 96.7 | 92.9 | 92.9 | 92.9 |
| 100° | 178.0 | 162.5 | 143.1 | 127.7 | 116.1 | 104.5 | 92.9 | 89.0 | 85.1 | 85.1 | 85.1 |
| 102.5° | 147.0 | 135.4 | 119.9 | 108.3 | 96.7 | 89.0 | 81.2 | 77.4 | 73.5 | 73.5 | 73.5 |
| 105° | 127.7 | 119.9 | 108.3 | 96.7 | 89.0 | 81.2 | 73.5 | 65.8 | 65.8 | 65.8 | 65.8 |
| 107.5° | 119.9 | 108.3 | 100.6 | 92.9 | 85.1 | 73.5 | 69.6 | 61.9 | 58.0 | 58.0 | 58.0 |
| 110° | 116.1 | 108.3 | 100.6 | 89.0 | 81.2 | 73.5 | 65.8 | 58.0 | 54.2 | 54.2 | 54.2 |



REPORT NUMBER: P691981

CATALOG NUMBER: CRTK2-C01HO-D-U-T3-7050-RMARROA5-HSS-CRTK2

CANDELA DISTRIBUTION (continued):

| | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 178° | 180° |
|--------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|
| 112.5° | 116.1 | 108.3 | 100.6 | 92.9 | 85.1 | 73.5 | 69.6 | 54.2 | 50.3 | 50.3 | 50.3 |
| 115° | 123.8 | 116.1 | 104.5 | 96.7 | 85.1 | 77.4 | 69.6 | 54.2 | 50.3 | 50.3 | 50.3 |
| 117.5° | 131.5 | 123.8 | 112.2 | 104.5 | 92.9 | 81.2 | 69.6 | 54.2 | 50.3 | 50.3 | 50.3 |
| 120° | 150.9 | 139.3 | 123.8 | 112.2 | 100.6 | 85.1 | 73.5 | 54.2 | 46.4 | 50.3 | 50.3 |
| 122.5° | 170.2 | 158.6 | 139.3 | 123.8 | 108.3 | 92.9 | 73.5 | 54.2 | 46.4 | 50.3 | 50.3 |
| 125° | 201.2 | 181.8 | 158.6 | 139.3 | 116.1 | 96.7 | 77.4 | 54.2 | 42.6 | 46.4 | 50.3 |
| 127.5° | 236.0 | 212.8 | 181.8 | 154.8 | 127.7 | 100.6 | 77.4 | 54.2 | 42.6 | 46.4 | 46.4 |
| 130° | 274.7 | 243.7 | 205.1 | 166.4 | 135.4 | 104.5 | 77.4 | 54.2 | 42.6 | 46.4 | 46.4 |
| 132.5° | 313.4 | 270.8 | 224.4 | 181.8 | 143.1 | 108.3 | 77.4 | 50.3 | 42.6 | 42.6 | 42.6 |
| 135° | 344.3 | 294.0 | 239.9 | 189.6 | 147.0 | 108.3 | 73.5 | 50.3 | 38.7 | 38.7 | 38.7 |
| 137.5° | 371.4 | 313.4 | 251.5 | 193.4 | 147.0 | 104.5 | 69.6 | 46.4 | 34.8 | 34.8 | 34.8 |
| 140° | 386.9 | 321.1 | 255.3 | 189.6 | 139.3 | 100.6 | 65.8 | 42.6 | 31.0 | 31.0 | 31.0 |
| 142.5° | 386.9 | 317.3 | 247.6 | 185.7 | 131.5 | 92.9 | 58.0 | 34.8 | 27.1 | 27.1 | 27.1 |
| 145° | 371.4 | 301.8 | 236.0 | 174.1 | 119.9 | 81.2 | 50.3 | 31.0 | 23.2 | 23.2 | 23.2 |
| 147.5° | 348.2 | 278.6 | 216.7 | 158.6 | 108.3 | 69.6 | 42.6 | 27.1 | 19.3 | 19.3 | 19.3 |
| 150° | 309.5 | 247.6 | 189.6 | 135.4 | 92.9 | 58.0 | 34.8 | 23.2 | 15.5 | 15.5 | 15.5 |
| 152.5° | 259.2 | 205.1 | 158.6 | 112.2 | 77.4 | 46.4 | 31.0 | 15.5 | 11.6 | 11.6 | 11.6 |
| 155° | 205.1 | 162.5 | 123.8 | 89.0 | 58.0 | 34.8 | 23.2 | 15.5 | 7.7 | 7.7 | 7.7 |
| 157.5° | 154.8 | 119.9 | 92.9 | 65.8 | 42.6 | 27.1 | 15.5 | 11.6 | 7.7 | 7.7 | 7.7 |
| 160° | 108.3 | 85.1 | 61.9 | 42.6 | 27.1 | 19.3 | 11.6 | 7.7 | 3.9 | 3.9 | 3.9 |
| 162.5° | 69.6 | 54.2 | 38.7 | 27.1 | 15.5 | 11.6 | 7.7 | 3.9 | 3.9 | 3.9 | 0.0 |
| 165° | 34.8 | 27.1 | 19.3 | 11.6 | 7.7 | 3.9 | 3.9 | 3.9 | 0.0 | 0.0 | 0.0 |
| 167.5° | 7.7 | 7.7 | 7.7 | 3.9 | 3.9 | 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)