

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: P691153

Luminaire Tested: **CRTK2-C013-D-U-T3-7050-RMARROA5-HSS-CRTK2**

Issue Date: 6/13/2023

Test Information

Test Method: LM-79-08
Report Number: P691153
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-C013-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: 2318 lumens
Efficiency: N/A
Efficacy: 113.6 lumens/watt
Luminous Opening: Vertical Cylinder (Dia: 0.33' x H: 0.54')
IES Classification: Type I - Short
BUG Rating: B1 - U3 - G1

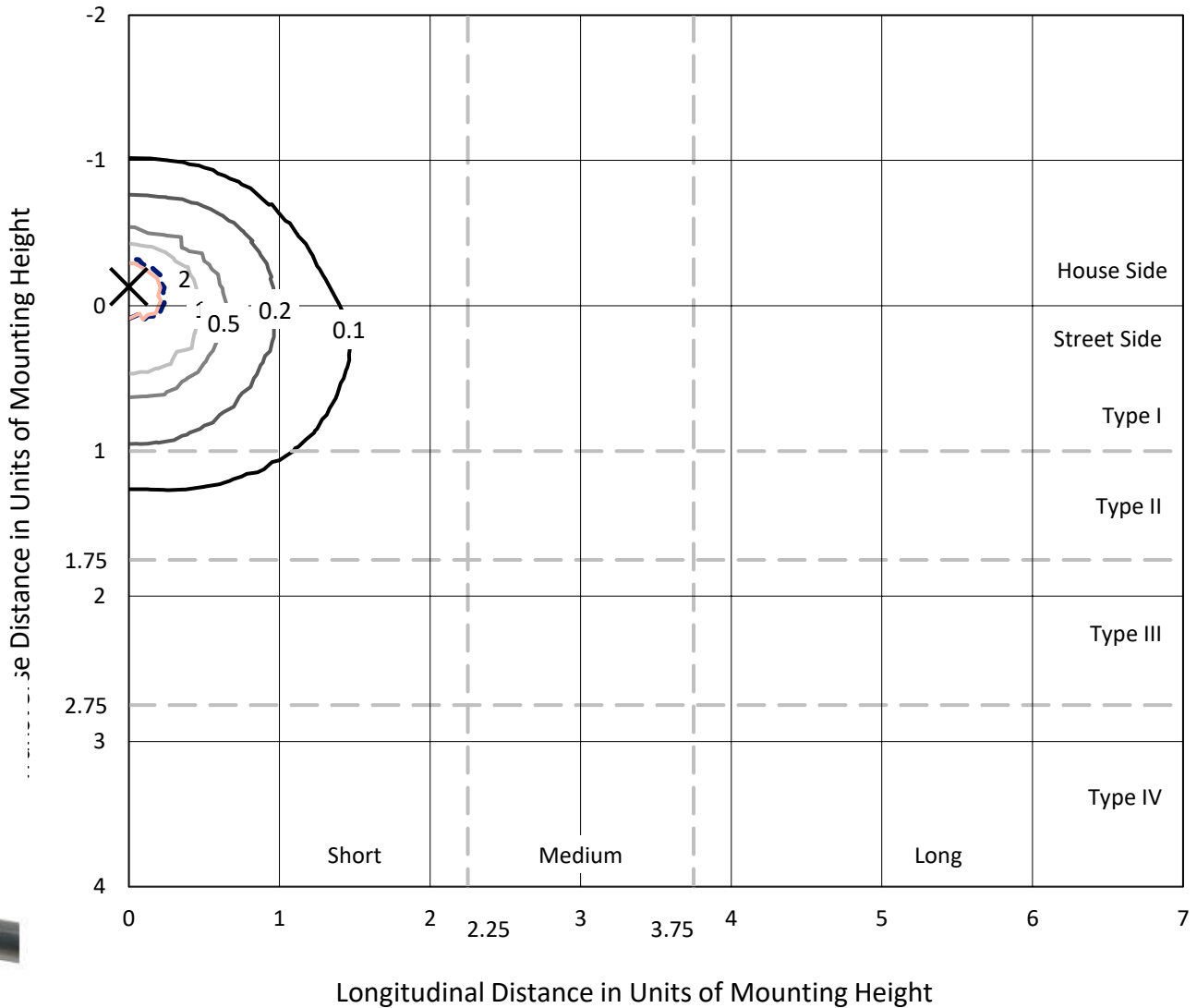
Input Watts (W): 20.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

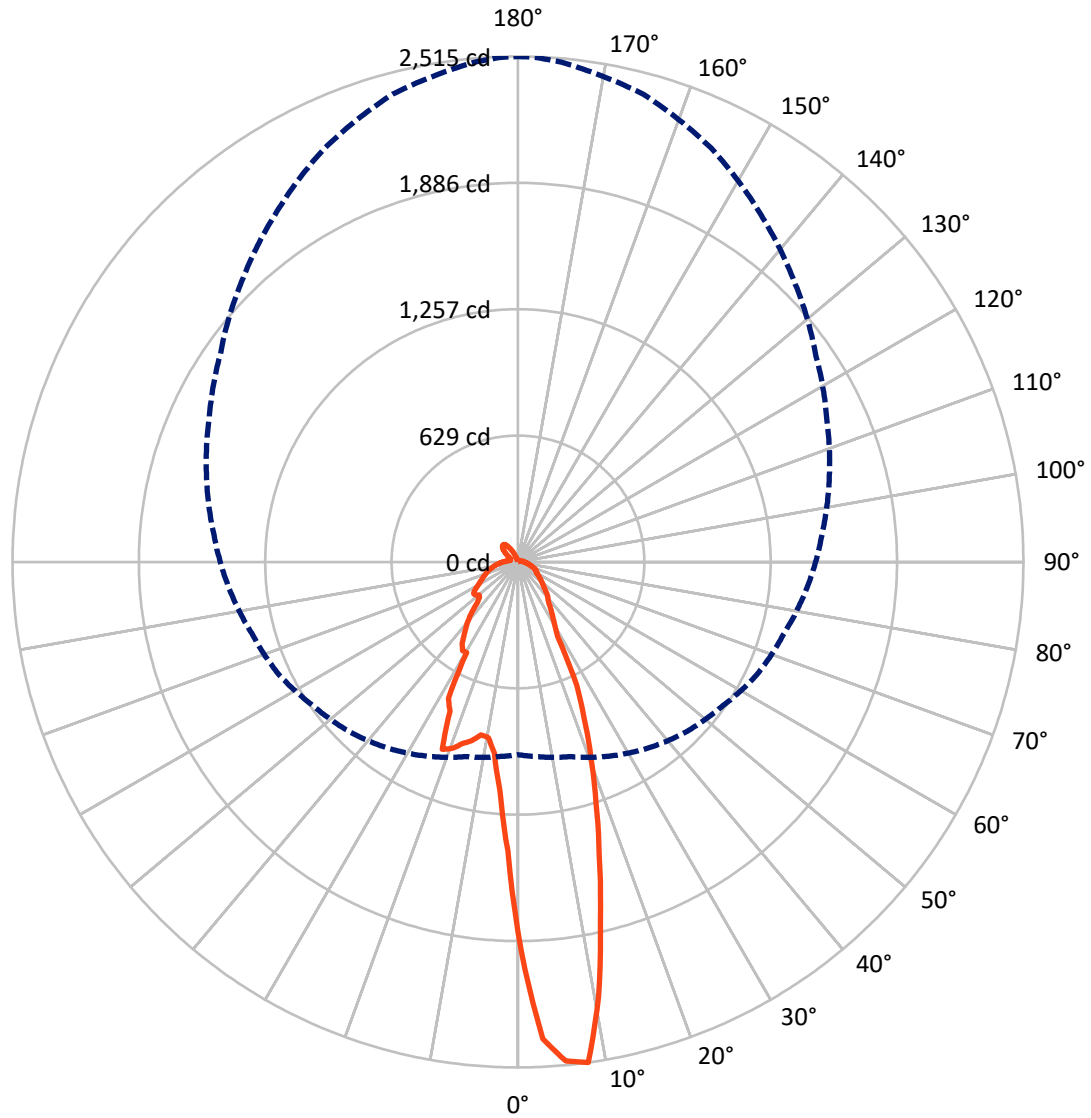
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 3.9 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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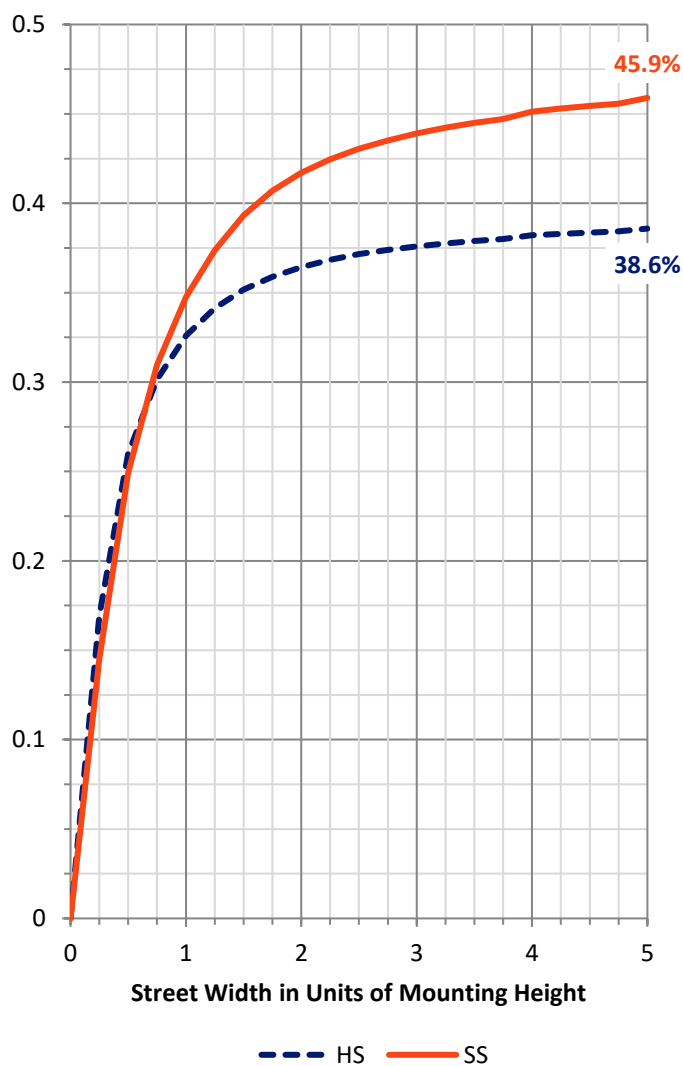
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 917.7 | 95.7 | 1013.4 |
| | % Fixture | 39.6 | 4.1 | 43.7 |
| Street Side | Lumens | 1094.4 | 210.2 | 1304.6 |
| | % Fixture | 47.2 | 9.1 | 56.3 |
| Total | Lumens | 2012.1 | 305.9 | 2318.0 |
| | % Fixture | 86.8 | 13.2 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 155.3 | 6.7 |
| 10°-20° | 332.2 | 14.3 |
| 20°-30° | 366.9 | 15.8 |
| 30°-40° | 266.1 | 11.5 |
| 40°-50° | 224.2 | 9.7 |
| 50°-60° | 228.9 | 9.9 |
| 60°-70° | 195.0 | 8.4 |
| 70°-80° | 145.4 | 6.3 |
| 80°-90° | 98.1 | 4.2 |
| 90°-100° | 58.7 | 2.5 |
| 100°-110° | 33.7 | 1.5 |
| 110°-120° | 31.5 | 1.4 |
| 120°-130° | 45.9 | 2.0 |
| 130°-140° | 62.4 | 2.7 |
| 140°-150° | 50.8 | 2.2 |
| 150°-160° | 20.3 | 0.9 |
| 160°-170° | 2.5 | 0.1 |
| 170°-180° | 0.0 | 0.0 |
| 0°-90° | 2012.1 | 86.8 |
| 0°-180° | 2318.0 | 100.0 |

Coefficient of Utilization



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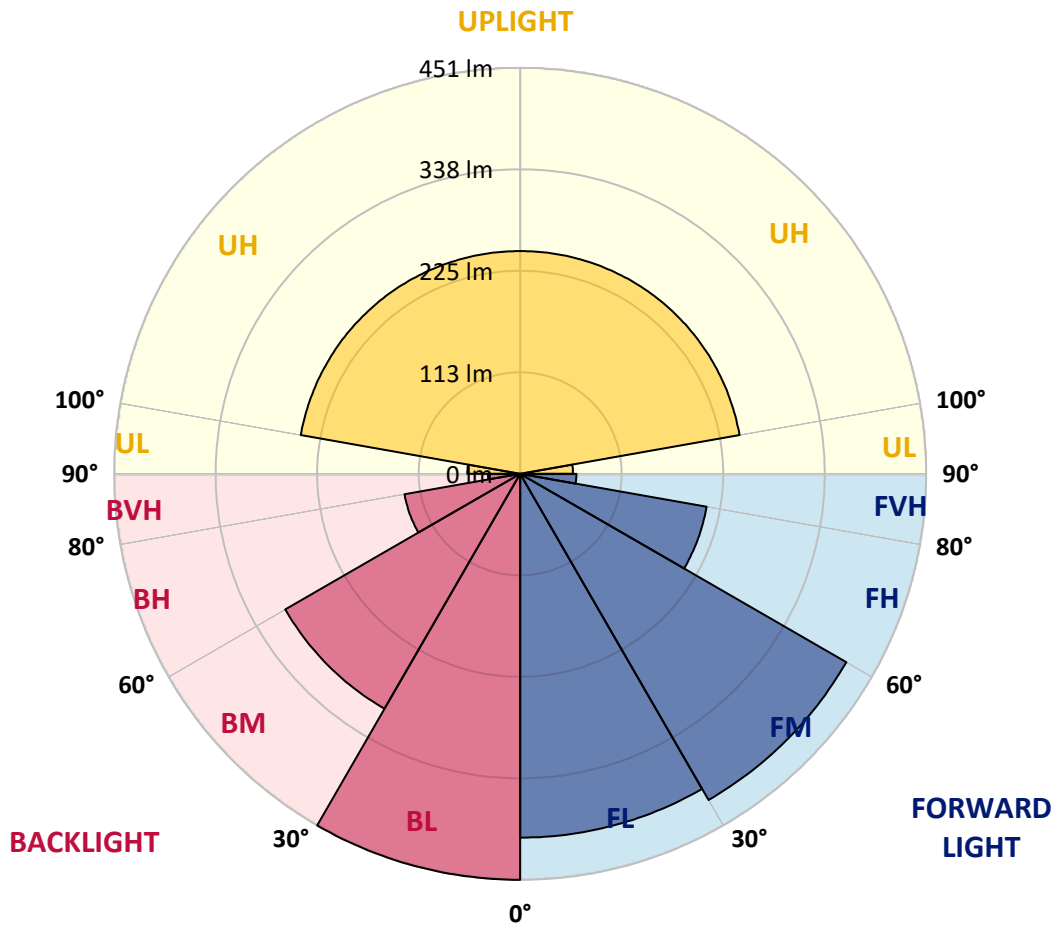
CATALOG NUMBER: CRTK2-C013-D-U-T3-7050-RMARROA5-HSS-CRTK2

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|--------|--------|
| | | | B | U | G |
| FL (0°-30°) | 403.8 | 17.4 | | | |
| FM (30°-60°) | 418.0 | 18.0 | | | |
| FH (60°-80°) | 210.1 | 9.1 | | | G0/660 |
| FVH (80°-90°) | 62.4 | 2.7 | | | G1/100 |
| BL (0°-30°) | 450.6 | 19.4 | B1/500 | | |
| BM (30°-60°) | 301.1 | 13.0 | B1/1000 | | |
| BH (60°-80°) | 130.3 | 5.6 | B1/500 | | G1/500 |
| BVH (80°-90°) | 35.7 | 1.5 | | | G1/100 |
| UL (90°-100°) | 58.7 | 2.5 | | U3/500 | |
| UH (100°-180°) | 247.2 | 10.7 | | U3/500 | |

BUG Rating: B1-U3-G1

Type I Short





REPORT NUMBER: P691153

CATALOG NUMBER: CRTK2-C013-D-U-T3-7050-RMARROA5-HSS-CRTK2

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1938.3 | 1938.3 | 1938.3 | 1938.3 | 1938.3 | 1938.3 | 1938.3 | 1938.3 | 1938.3 | 1938.3 | 1938.3 |
| 2.5° | 1438.5 | 1471.9 | 1475.0 | 1511.4 | 1538.7 | 1564.0 | 1582.2 | 1634.8 | 1688.4 | 1739.0 | 1768.3 |
| 5° | 1142.1 | 1158.3 | 1187.7 | 1227.1 | 1277.7 | 1317.1 | 1373.8 | 1447.7 | 1518.5 | 1607.5 | 1651.0 |
| 7.5° | 959.0 | 971.2 | 1002.5 | 1066.3 | 1130.0 | 1190.7 | 1245.3 | 1316.1 | 1370.8 | 1444.6 | 1481.0 |
| 10° | 886.2 | 893.3 | 919.6 | 964.1 | 1024.8 | 1075.4 | 1122.9 | 1176.5 | 1225.1 | 1292.9 | 1319.2 |
| 12.5° | 879.1 | 882.1 | 903.4 | 934.8 | 970.2 | 1011.6 | 1051.1 | 1096.6 | 1148.2 | 1201.8 | 1222.1 |
| 15° | 917.6 | 915.5 | 922.6 | 940.8 | 961.1 | 993.4 | 1029.8 | 1071.3 | 1120.9 | 1160.3 | 1176.5 |
| 17.5° | 944.9 | 943.9 | 957.0 | 965.1 | 984.3 | 1003.5 | 1040.0 | 1072.3 | 1120.9 | 1152.3 | 1161.4 |
| 20° | 984.3 | 986.3 | 990.4 | 1005.6 | 1013.7 | 1026.8 | 1049.1 | 1068.3 | 1109.8 | 1128.0 | 1126.0 |
| 22.5° | 1005.6 | 1004.6 | 1021.8 | 1057.2 | 1066.3 | 1073.3 | 1077.4 | 1085.5 | 1108.8 | 1107.7 | 1092.6 |
| 25° | 815.4 | 817.4 | 821.4 | 851.8 | 890.2 | 953.0 | 1004.6 | 1085.5 | 1129.0 | 1112.8 | 1080.4 |
| 27.5° | 761.8 | 755.7 | 734.4 | 717.2 | 665.7 | 631.3 | 598.9 | 584.7 | 591.8 | 603.9 | 637.3 |
| 30° | 519.0 | 520.0 | 522.0 | 525.0 | 530.1 | 543.2 | 552.4 | 553.4 | 560.4 | 580.7 | 573.6 |
| 32.5° | 520.0 | 521.0 | 518.0 | 521.0 | 519.0 | 524.0 | 523.0 | 519.0 | 525.0 | 543.2 | 536.2 |
| 35° | 488.6 | 486.6 | 488.6 | 489.6 | 478.5 | 474.5 | 473.4 | 470.4 | 474.5 | 483.6 | 477.5 |
| 37.5° | 440.1 | 439.0 | 448.2 | 453.2 | 444.1 | 444.1 | 442.1 | 438.0 | 441.1 | 449.2 | 441.1 |
| 40° | 397.6 | 398.6 | 411.7 | 419.8 | 416.8 | 419.8 | 422.9 | 421.9 | 428.9 | 432.0 | 421.9 |
| 42.5° | 351.0 | 349.0 | 362.2 | 368.2 | 362.2 | 364.2 | 363.2 | 364.2 | 378.4 | 384.4 | 377.3 |
| 45° | 293.4 | 296.4 | 302.5 | 310.6 | 309.6 | 312.6 | 311.6 | 313.6 | 322.7 | 325.7 | 320.7 |
| 47.5° | 261.0 | 263.0 | 270.1 | 279.2 | 284.3 | 289.3 | 289.3 | 290.3 | 296.4 | 297.4 | 292.4 |
| 50° | 253.9 | 255.9 | 265.0 | 275.2 | 283.3 | 289.3 | 292.4 | 291.4 | 294.4 | 292.4 | 285.3 |
| 52.5° | 266.1 | 266.1 | 280.2 | 292.4 | 302.5 | 313.6 | 317.7 | 313.6 | 313.6 | 305.5 | 294.4 |
| 55° | 271.1 | 272.1 | 289.3 | 310.6 | 329.8 | 350.0 | 363.2 | 362.2 | 361.2 | 348.0 | 327.8 |
| 57.5° | 254.9 | 258.0 | 275.2 | 299.4 | 325.7 | 358.1 | 377.3 | 380.4 | 380.4 | 363.2 | 340.9 |
| 60° | 231.7 | 233.7 | 246.8 | 267.1 | 293.4 | 317.7 | 337.9 | 339.9 | 346.0 | 336.9 | 316.6 |
| 62.5° | 212.4 | 214.5 | 225.6 | 240.8 | 260.0 | 275.2 | 281.2 | 281.2 | 284.3 | 281.2 | 267.1 |
| 65° | 198.3 | 199.3 | 208.4 | 221.5 | 234.7 | 246.8 | 252.9 | 250.9 | 254.9 | 250.9 | 239.8 |
| 67.5° | 185.1 | 185.1 | 193.2 | 203.3 | 215.5 | 229.6 | 233.7 | 235.7 | 239.8 | 234.7 | 224.6 |
| 70° | 172.0 | 173.0 | 181.1 | 189.2 | 200.3 | 210.4 | 214.5 | 215.5 | 220.5 | 214.5 | 207.4 |
| 72.5° | 160.9 | 160.9 | 167.9 | 176.0 | 184.1 | 194.2 | 197.3 | 199.3 | 202.3 | 196.3 | 190.2 |
| 75° | 147.7 | 148.7 | 154.8 | 161.9 | 168.9 | 179.1 | 182.1 | 183.1 | 186.1 | 179.1 | 173.0 |
| 77.5° | 135.6 | 136.6 | 141.6 | 147.7 | 154.8 | 162.9 | 165.9 | 167.9 | 168.9 | 162.9 | 156.8 |
| 80° | 123.4 | 124.4 | 128.5 | 134.5 | 140.6 | 148.7 | 150.7 | 151.7 | 153.8 | 146.7 | 142.6 |
| 82.5° | 112.3 | 112.3 | 115.3 | 120.4 | 126.5 | 133.5 | 136.6 | 137.6 | 138.6 | 132.5 | 128.5 |
| 85° | 99.1 | 99.1 | 102.2 | 107.2 | 112.3 | 119.4 | 122.4 | 123.4 | 123.4 | 118.4 | 114.3 |
| 87.5° | 88.0 | 88.0 | 90.0 | 94.1 | 98.1 | 105.2 | 108.2 | 110.3 | 109.3 | 105.2 | 101.2 |
| 90° | 76.9 | 76.9 | 78.9 | 81.9 | 86.0 | 92.1 | 95.1 | 96.1 | 96.1 | 91.0 | 88.0 |
| 92.5° | 66.8 | 66.8 | 68.8 | 71.8 | 74.9 | 79.9 | 83.0 | 85.0 | 85.0 | 80.9 | 77.9 |
| 95° | 57.7 | 57.7 | 58.7 | 61.7 | 64.7 | 68.8 | 70.8 | 72.8 | 72.8 | 70.8 | 67.8 |
| 97.5° | 49.6 | 49.6 | 50.6 | 52.6 | 54.6 | 57.7 | 59.7 | 61.7 | 61.7 | 60.7 | 58.7 |
| 100° | 43.5 | 43.5 | 43.5 | 44.5 | 46.5 | 47.5 | 49.6 | 51.6 | 51.6 | 50.6 | 49.6 |
| 102.5° | 39.5 | 39.5 | 39.5 | 39.5 | 39.5 | 40.5 | 40.5 | 41.5 | 41.5 | 41.5 | 40.5 |
| 105° | 37.4 | 37.4 | 37.4 | 37.4 | 37.4 | 37.4 | 37.4 | 37.4 | 36.4 | 35.4 | 34.4 |
| 107.5° | 37.4 | 36.4 | 36.4 | 36.4 | 36.4 | 35.4 | 35.4 | 35.4 | 34.4 | 33.4 | 32.4 |
| 110° | 37.4 | 37.4 | 37.4 | 37.4 | 36.4 | 35.4 | 35.4 | 34.4 | 33.4 | 32.4 | 31.4 |



REPORT NUMBER: P691153

CATALOG NUMBER: CRTK2-C013-D-U-T3-7050-RMARROA5-HSS-CRTK2

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 39.5 | 39.5 | 39.5 | 38.4 | 37.4 | 37.4 | 36.4 | 35.4 | 34.4 | 32.4 | 31.4 |
| 115° | 42.5 | 42.5 | 42.5 | 42.5 | 41.5 | 39.5 | 38.4 | 37.4 | 35.4 | 34.4 | 33.4 |
| 117.5° | 47.5 | 47.5 | 47.5 | 47.5 | 45.5 | 44.5 | 42.5 | 41.5 | 39.5 | 37.4 | 36.4 |
| 120° | 53.6 | 53.6 | 54.6 | 54.6 | 53.6 | 51.6 | 48.6 | 47.5 | 45.5 | 42.5 | 40.5 |
| 122.5° | 62.7 | 61.7 | 63.7 | 63.7 | 63.7 | 61.7 | 57.7 | 55.6 | 53.6 | 49.6 | 47.5 |
| 125° | 71.8 | 71.8 | 73.8 | 75.9 | 76.9 | 73.8 | 69.8 | 66.8 | 63.7 | 58.7 | 55.6 |
| 127.5° | 81.9 | 81.9 | 86.0 | 90.0 | 92.1 | 89.0 | 84.0 | 80.9 | 76.9 | 69.8 | 65.8 |
| 130° | 92.1 | 92.1 | 98.1 | 104.2 | 107.2 | 105.2 | 100.2 | 96.1 | 91.0 | 81.9 | 76.9 |
| 132.5° | 101.2 | 101.2 | 108.2 | 116.3 | 120.4 | 119.4 | 114.3 | 110.3 | 106.2 | 95.1 | 88.0 |
| 135° | 108.2 | 109.3 | 118.4 | 127.5 | 132.5 | 133.5 | 128.5 | 123.4 | 118.4 | 106.2 | 98.1 |
| 137.5° | 112.3 | 114.3 | 123.4 | 134.5 | 139.6 | 142.6 | 139.6 | 134.5 | 128.5 | 115.3 | 106.2 |
| 140° | 113.3 | 114.3 | 124.4 | 135.6 | 140.6 | 144.7 | 144.7 | 138.6 | 133.5 | 120.4 | 110.3 |
| 142.5° | 110.3 | 111.3 | 121.4 | 131.5 | 136.6 | 141.6 | 142.6 | 137.6 | 132.5 | 120.4 | 110.3 |
| 145° | 103.2 | 105.2 | 114.3 | 122.4 | 129.5 | 134.5 | 136.6 | 133.5 | 127.5 | 116.3 | 107.2 |
| 147.5° | 94.1 | 95.1 | 103.2 | 110.3 | 117.3 | 123.4 | 126.5 | 123.4 | 118.4 | 108.2 | 100.2 |
| 150° | 79.9 | 80.9 | 87.0 | 93.1 | 101.2 | 107.2 | 111.3 | 109.3 | 105.2 | 97.1 | 89.0 |
| 152.5° | 64.7 | 64.7 | 69.8 | 74.9 | 81.9 | 88.0 | 92.1 | 91.0 | 88.0 | 80.9 | 74.9 |
| 155° | 49.6 | 49.6 | 52.6 | 56.7 | 62.7 | 66.8 | 70.8 | 70.8 | 68.8 | 63.7 | 58.7 |
| 157.5° | 35.4 | 35.4 | 38.4 | 41.5 | 45.5 | 49.6 | 52.6 | 52.6 | 51.6 | 47.5 | 44.5 |
| 160° | 23.3 | 23.3 | 25.3 | 27.3 | 31.4 | 33.4 | 36.4 | 36.4 | 35.4 | 33.4 | 31.4 |
| 162.5° | 12.1 | 12.1 | 14.2 | 15.2 | 18.2 | 20.2 | 22.3 | 23.3 | 23.3 | 21.2 | 20.2 |
| 165° | 4.0 | 4.0 | 4.0 | 5.1 | 7.1 | 9.1 | 10.1 | 11.1 | 11.1 | 10.1 | 10.1 |
| 167.5° | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 3.0 | 3.0 | 3.0 | 3.0 |
| 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: P691153

CATALOG NUMBER: CRTK2-C013-D-U-T3-7050-RMARROA5-HSS-CRTK2

CANDELA DISTRIBUTION (continued):

| | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 178° | 180° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1938.3 | 1938.3 | 1938.3 | 1938.3 | 1938.3 | 1938.3 | 1938.3 | 1938.3 | 1938.3 | 1938.3 | 1938.3 |
| 2.5° | 1799.7 | 1891.8 | 1970.7 | 2053.6 | 2145.7 | 2223.6 | 2302.5 | 2346.0 | 2383.4 | 2376.3 | 2376.3 |
| 5° | 1693.5 | 1785.5 | 1881.6 | 1982.8 | 2107.2 | 2234.7 | 2356.1 | 2443.1 | 2488.6 | 2495.7 | 2494.7 |
| 7.5° | 1517.5 | 1603.4 | 1694.5 | 1806.8 | 1952.5 | 2108.2 | 2273.1 | 2409.7 | 2495.7 | 2511.9 | 2514.9 |
| 10° | 1343.5 | 1408.2 | 1485.1 | 1562.0 | 1692.5 | 1835.1 | 1982.8 | 2092.1 | 2176.0 | 2188.2 | 2202.3 |
| 12.5° | 1239.3 | 1274.7 | 1324.2 | 1377.8 | 1462.8 | 1567.0 | 1688.4 | 1751.1 | 1804.8 | 1810.8 | 1824.0 |
| 15° | 1185.6 | 1202.8 | 1215.0 | 1234.2 | 1284.8 | 1349.5 | 1405.2 | 1466.9 | 1489.1 | 1504.3 | 1511.4 |
| 17.5° | 1164.4 | 1162.4 | 1150.2 | 1150.2 | 1154.3 | 1178.6 | 1214.0 | 1235.2 | 1249.4 | 1256.5 | 1258.5 |
| 20° | 1120.9 | 1102.7 | 1078.4 | 1046.0 | 1028.8 | 1020.7 | 1029.8 | 1034.9 | 1030.9 | 1025.8 | 1034.9 |
| 22.5° | 1075.4 | 1036.9 | 993.4 | 956.0 | 911.5 | 884.2 | 857.9 | 848.8 | 837.6 | 844.7 | 844.7 |
| 25° | 1061.2 | 993.4 | 923.6 | 860.9 | 794.1 | 748.6 | 700.1 | 682.9 | 665.7 | 679.8 | 679.8 |
| 27.5° | 627.2 | 627.2 | 587.8 | 535.2 | 477.5 | 453.2 | 434.0 | 422.9 | 415.8 | 418.8 | 418.8 |
| 30° | 561.5 | 535.2 | 510.9 | 477.5 | 433.0 | 403.6 | 378.4 | 363.2 | 356.1 | 354.1 | 356.1 |
| 32.5° | 521.0 | 500.8 | 471.4 | 438.0 | 398.6 | 366.2 | 337.9 | 322.7 | 311.6 | 313.6 | 314.6 |
| 35° | 466.4 | 445.1 | 419.8 | 388.5 | 355.1 | 324.7 | 299.4 | 284.3 | 274.2 | 274.2 | 275.2 |
| 37.5° | 432.0 | 410.7 | 386.4 | 358.1 | 325.7 | 296.4 | 273.1 | 254.9 | 245.8 | 244.8 | 244.8 |
| 40° | 410.7 | 389.5 | 367.2 | 338.9 | 308.5 | 278.2 | 254.9 | 238.7 | 227.6 | 227.6 | 228.6 |
| 42.5° | 372.3 | 352.0 | 332.8 | 307.5 | 280.2 | 253.9 | 231.7 | 217.5 | 206.4 | 204.4 | 206.4 |
| 45° | 313.6 | 302.5 | 287.3 | 270.1 | 246.8 | 225.6 | 205.4 | 193.2 | 184.1 | 184.1 | 183.1 |
| 47.5° | 287.3 | 276.2 | 260.0 | 242.8 | 223.6 | 202.3 | 186.1 | 175.0 | 166.9 | 166.9 | 166.9 |
| 50° | 277.2 | 265.0 | 244.8 | 225.6 | 203.3 | 185.1 | 171.0 | 159.8 | 153.8 | 153.8 | 152.8 |
| 52.5° | 282.2 | 263.0 | 236.7 | 209.4 | 188.2 | 170.0 | 155.8 | 144.7 | 139.6 | 139.6 | 138.6 |
| 55° | 309.6 | 275.2 | 236.7 | 203.3 | 178.0 | 157.8 | 143.7 | 131.5 | 126.5 | 126.5 | 126.5 |
| 57.5° | 320.7 | 282.2 | 234.7 | 197.3 | 168.9 | 147.7 | 130.5 | 119.4 | 114.3 | 114.3 | 113.3 |
| 60° | 300.5 | 268.1 | 224.6 | 189.2 | 161.9 | 140.6 | 124.4 | 113.3 | 107.2 | 107.2 | 106.2 |
| 62.5° | 255.9 | 232.7 | 199.3 | 173.0 | 151.7 | 132.5 | 118.4 | 107.2 | 102.2 | 102.2 | 102.2 |
| 65° | 229.6 | 209.4 | 183.1 | 159.8 | 140.6 | 124.4 | 111.3 | 102.2 | 97.1 | 97.1 | 97.1 |
| 67.5° | 214.5 | 197.3 | 171.0 | 148.7 | 129.5 | 114.3 | 102.2 | 94.1 | 90.0 | 89.0 | 90.0 |
| 70° | 198.3 | 180.1 | 155.8 | 134.5 | 117.3 | 103.2 | 92.1 | 84.0 | 79.9 | 79.9 | 79.9 |
| 72.5° | 181.1 | 163.9 | 140.6 | 121.4 | 104.2 | 93.1 | 81.9 | 74.9 | 70.8 | 70.8 | 69.8 |
| 75° | 164.9 | 147.7 | 125.4 | 107.2 | 93.1 | 81.9 | 72.8 | 66.8 | 62.7 | 62.7 | 62.7 |
| 77.5° | 149.7 | 133.5 | 112.3 | 96.1 | 83.0 | 73.8 | 64.7 | 59.7 | 56.7 | 56.7 | 55.6 |
| 80° | 135.6 | 120.4 | 100.2 | 86.0 | 73.8 | 65.8 | 57.7 | 53.6 | 50.6 | 50.6 | 50.6 |
| 82.5° | 121.4 | 107.2 | 89.0 | 75.9 | 65.8 | 57.7 | 51.6 | 47.5 | 45.5 | 44.5 | 45.5 |
| 85° | 108.2 | 95.1 | 78.9 | 66.8 | 57.7 | 50.6 | 45.5 | 41.5 | 39.5 | 39.5 | 39.5 |
| 87.5° | 96.1 | 84.0 | 69.8 | 58.7 | 50.6 | 44.5 | 39.5 | 36.4 | 35.4 | 34.4 | 34.4 |
| 90° | 83.0 | 71.8 | 59.7 | 50.6 | 43.5 | 38.4 | 33.4 | 31.4 | 29.3 | 29.3 | 29.3 |
| 92.5° | 73.8 | 64.7 | 53.6 | 45.5 | 39.5 | 35.4 | 31.4 | 29.3 | 27.3 | 27.3 | 27.3 |
| 95° | 64.7 | 56.7 | 47.5 | 41.5 | 36.4 | 32.4 | 29.3 | 27.3 | 26.3 | 26.3 | 26.3 |
| 97.5° | 55.6 | 49.6 | 42.5 | 37.4 | 33.4 | 30.3 | 27.3 | 25.3 | 24.3 | 24.3 | 24.3 |
| 100° | 46.5 | 42.5 | 37.4 | 33.4 | 30.3 | 27.3 | 24.3 | 23.3 | 22.3 | 22.3 | 22.3 |
| 102.5° | 38.4 | 35.4 | 31.4 | 28.3 | 25.3 | 23.3 | 21.2 | 20.2 | 19.2 | 19.2 | 19.2 |
| 105° | 33.4 | 31.4 | 28.3 | 25.3 | 23.3 | 21.2 | 19.2 | 17.2 | 17.2 | 17.2 | 17.2 |
| 107.5° | 31.4 | 28.3 | 26.3 | 24.3 | 22.3 | 19.2 | 18.2 | 16.2 | 15.2 | 15.2 | 15.2 |
| 110° | 30.3 | 28.3 | 26.3 | 23.3 | 21.2 | 19.2 | 17.2 | 15.2 | 14.2 | 14.2 | 14.2 |



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 CATALOG NUMBER: CRTK2-C013-D-U-T3-7050-RMARROA5-HSS-CRTK2

CANDELA DISTRIBUTION (continued):

| | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 178° | 180° |
|--------|-------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 30.3 | 28.3 | 26.3 | 24.3 | 22.3 | 19.2 | 18.2 | 14.2 | 13.2 | 13.2 | 13.2 |
| 115° | 32.4 | 30.3 | 27.3 | 25.3 | 22.3 | 20.2 | 18.2 | 14.2 | 13.2 | 13.2 | 13.2 |
| 117.5° | 34.4 | 32.4 | 29.3 | 27.3 | 24.3 | 21.2 | 18.2 | 14.2 | 13.2 | 13.2 | 13.2 |
| 120° | 39.5 | 36.4 | 32.4 | 29.3 | 26.3 | 22.3 | 19.2 | 14.2 | 12.1 | 13.2 | 13.2 |
| 122.5° | 44.5 | 41.5 | 36.4 | 32.4 | 28.3 | 24.3 | 19.2 | 14.2 | 12.1 | 13.2 | 13.2 |
| 125° | 52.6 | 47.5 | 41.5 | 36.4 | 30.3 | 25.3 | 20.2 | 14.2 | 11.1 | 12.1 | 13.2 |
| 127.5° | 61.7 | 55.6 | 47.5 | 40.5 | 33.4 | 26.3 | 20.2 | 14.2 | 11.1 | 12.1 | 12.1 |
| 130° | 71.8 | 63.7 | 53.6 | 43.5 | 35.4 | 27.3 | 20.2 | 14.2 | 11.1 | 12.1 | 12.1 |
| 132.5° | 81.9 | 70.8 | 58.7 | 47.5 | 37.4 | 28.3 | 20.2 | 13.2 | 11.1 | 11.1 | 11.1 |
| 135° | 90.0 | 76.9 | 62.7 | 49.6 | 38.4 | 28.3 | 19.2 | 13.2 | 10.1 | 10.1 | 10.1 |
| 137.5° | 97.1 | 81.9 | 65.8 | 50.6 | 38.4 | 27.3 | 18.2 | 12.1 | 9.1 | 9.1 | 9.1 |
| 140° | 101.2 | 84.0 | 66.8 | 49.6 | 36.4 | 26.3 | 17.2 | 11.1 | 8.1 | 8.1 | 8.1 |
| 142.5° | 101.2 | 83.0 | 64.7 | 48.6 | 34.4 | 24.3 | 15.2 | 9.1 | 7.1 | 7.1 | 7.1 |
| 145° | 97.1 | 78.9 | 61.7 | 45.5 | 31.4 | 21.2 | 13.2 | 8.1 | 6.1 | 6.1 | 6.1 |
| 147.5° | 91.0 | 72.8 | 56.7 | 41.5 | 28.3 | 18.2 | 11.1 | 7.1 | 5.1 | 5.1 | 5.1 |
| 150° | 80.9 | 64.7 | 49.6 | 35.4 | 24.3 | 15.2 | 9.1 | 6.1 | 4.0 | 4.0 | 4.0 |
| 152.5° | 67.8 | 53.6 | 41.5 | 29.3 | 20.2 | 12.1 | 8.1 | 4.0 | 3.0 | 3.0 | 3.0 |
| 155° | 53.6 | 42.5 | 32.4 | 23.3 | 15.2 | 9.1 | 6.1 | 4.0 | 2.0 | 2.0 | 2.0 |
| 157.5° | 40.5 | 31.4 | 24.3 | 17.2 | 11.1 | 7.1 | 4.0 | 3.0 | 2.0 | 2.0 | 2.0 |
| 160° | 28.3 | 22.3 | 16.2 | 11.1 | 7.1 | 5.1 | 3.0 | 2.0 | 1.0 | 1.0 | 1.0 |
| 162.5° | 18.2 | 14.2 | 10.1 | 7.1 | 4.0 | 3.0 | 2.0 | 1.0 | 1.0 | 1.0 | 0.0 |
| 165° | 9.1 | 7.1 | 5.1 | 3.0 | 2.0 | 1.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 |
| 167.5° | 2.0 | 2.0 | 2.0 | 1.0 | 1.0 | 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)