

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: LUMARK

Report Number: P146674

Luminaire Tested: **LDRC-T3-F04-E-7030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P146674
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33695)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: LDRC-T3-F04-E-7030
Description: RC LED ROADWAY SMALL CUTOFF COBRAHEAD LUMINAIRE
(4) LIGHTBARS WITH AccuLED OPTICS - TYPE 3
Light Source: (28) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9005.1 lumens
Efficiency: N/A
Efficacy: 88.1 lumens/watt
Luminous Opening: Rectangular (W 0.67' x L: 1' x H: 0')
IES Classification: Type III - Short - Semi-Cutoff
BUG Rating: B3 - U0 - G3

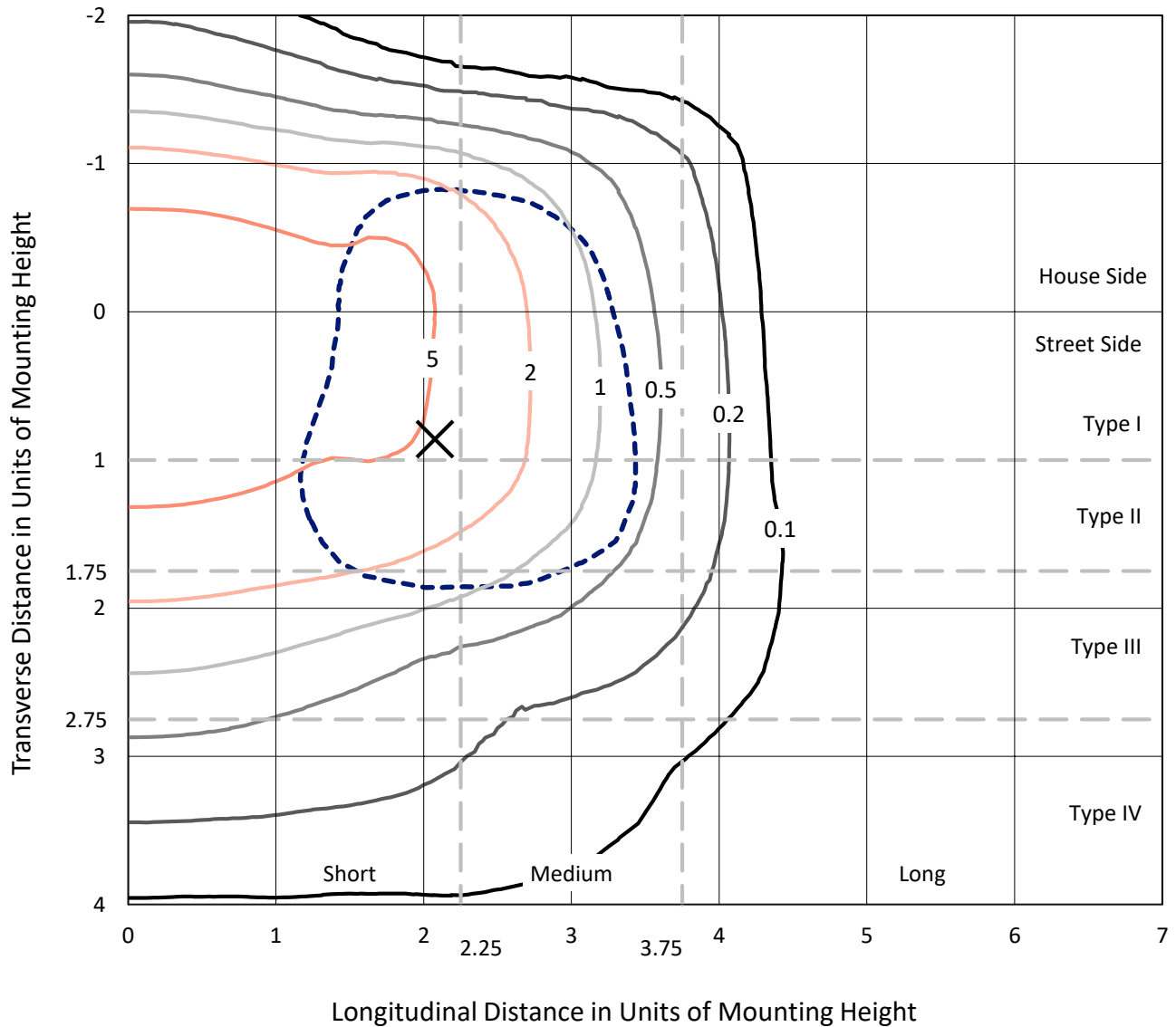
Input Watts (W): 102.2
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

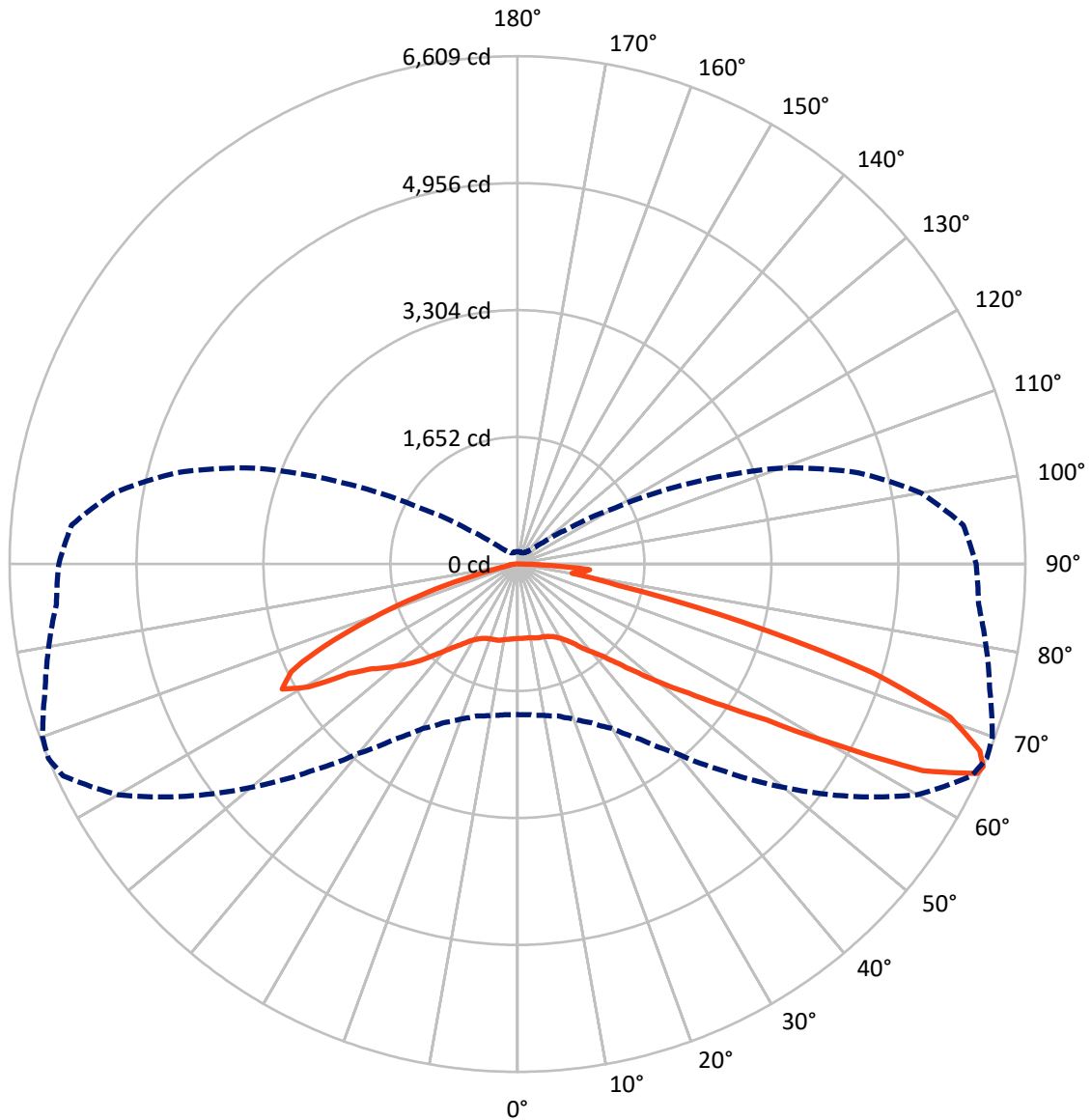
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 9.7 fc
 Type III - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 67.5-Deg Lateral - - - Horizontal Cone Through 66-Deg Vertical

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FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 3059.3 | 0.0 | 3059.3 |
| | % Fixture | 34.0 | 0.0 | 34.0 |
| Street Side | Lumens | 5945.8 | 0.0 | 5945.8 |
| | % Fixture | 66.0 | 0.0 | 66.0 |
| Total | Lumens | 9005.1 | 0.0 | 9005.1 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 93.1 | 1.0 |
| 10°-20° | 275.9 | 3.1 |
| 20°-30° | 474.3 | 5.3 |
| 30°-40° | 762.9 | 8.5 |
| 40°-50° | 1257.4 | 14.0 |
| 50°-60° | 1971.0 | 21.9 |
| 60°-70° | 2727.7 | 30.3 |
| 70°-80° | 1234.4 | 13.7 |
| 80°-90° | 208.3 | 2.3 |
| 90°-100° | 0.0 | 0.0 |
| 100°-110° | 0.0 | 0.0 |
| 110°-120° | 0.0 | 0.0 |
| 120°-130° | 0.0 | 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° | 9005.1 | 100.0 |
| 0°-180° | 9005.1 | 100.0 |



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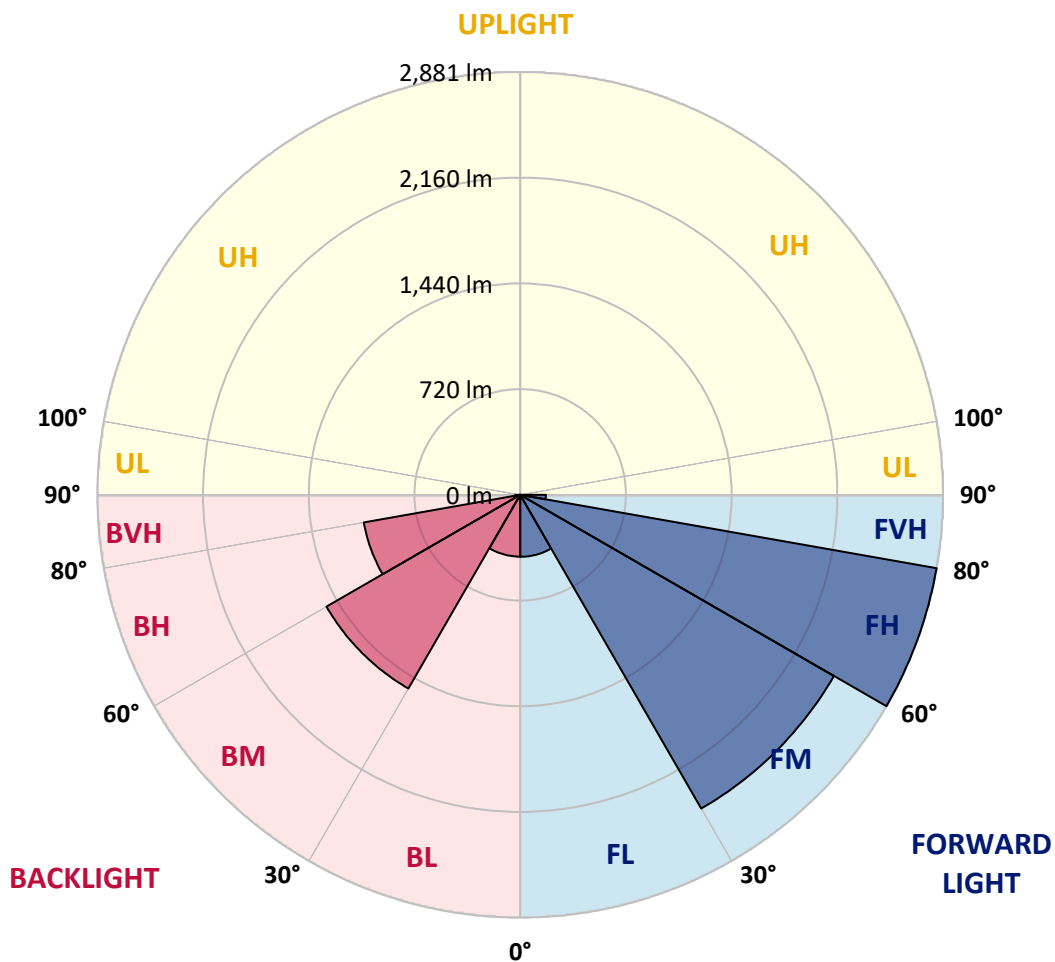
CATALOG NUMBER: LDRC-T3-F04-E-7030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 422.3 | 4.7 | | | |
| FM | (30°-60°) | 2467.8 | 27.4 | | | |
| FH | (60°-80°) | 2880.7 | 32.0 | | | G2/5000 |
| FVH | (80°-90°) | 175.0 | 1.9 | | | G2/225 |
| BL | (0°-30°) | 421.0 | 4.7 | B1/500 | | |
| BM | (30°-60°) | 1523.6 | 16.9 | B2/2500 | | |
| BH | (60°-80°) | 1081.5 | 12.0 | B3/2500 | | G3/2500 |
| BVH | (80°-90°) | 33.2 | 0.4 | | | G1/100 |
| UL | (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH | (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B3-U0-G3

Type III Short





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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 969.3 | 969.3 | 969.3 | 969.3 | 969.3 | 969.3 | 969.3 | 969.3 | 969.3 | 969.3 | 969.3 |
| 2.5° | 968.1 | 967.5 | 966.9 | 966.9 | 966.3 | 966.9 | 967.5 | 968.1 | 967.5 | 968.1 | 967.5 |
| 5° | 966.3 | 966.3 | 965.7 | 965.7 | 965.7 | 965.7 | 966.3 | 966.9 | 966.3 | 967.5 | 966.3 |
| 7.5° | 958.5 | 962.1 | 960.9 | 962.1 | 963.3 | 964.5 | 965.1 | 966.3 | 968.1 | 969.3 | 968.1 |
| 10° | 948.2 | 950.0 | 950.6 | 951.8 | 954.3 | 957.3 | 959.7 | 962.7 | 966.9 | 968.1 | 969.3 |
| 12.5° | 929.5 | 931.9 | 933.7 | 936.2 | 939.8 | 944.6 | 948.8 | 953.7 | 960.9 | 965.7 | 969.9 |
| 15° | 915.6 | 918.7 | 919.3 | 922.3 | 925.9 | 931.3 | 936.8 | 944.0 | 953.7 | 962.1 | 970.5 |
| 17.5° | 924.7 | 925.9 | 924.7 | 924.7 | 925.9 | 928.3 | 932.5 | 938.6 | 948.8 | 959.1 | 969.3 |
| 20° | 951.8 | 951.8 | 950.6 | 950.0 | 948.8 | 946.4 | 945.8 | 945.2 | 951.8 | 959.7 | 968.7 |
| 22.5° | 977.8 | 977.8 | 977.2 | 979.6 | 979.0 | 979.0 | 977.2 | 974.2 | 971.1 | 969.9 | 976.0 |
| 25° | 994.1 | 996.5 | 997.7 | 1001.3 | 1003.7 | 1007.3 | 1008.5 | 1007.9 | 1003.7 | 996.5 | 994.7 |
| 27.5° | 1020.6 | 1022.4 | 1023.6 | 1027.8 | 1032.7 | 1036.9 | 1041.1 | 1046.5 | 1046.5 | 1039.9 | 1030.9 |
| 30° | 1071.9 | 1069.5 | 1070.7 | 1071.9 | 1076.1 | 1082.1 | 1087.6 | 1094.8 | 1098.4 | 1096.0 | 1083.9 |
| 32.5° | 1119.5 | 1121.9 | 1123.1 | 1126.8 | 1131.0 | 1140.0 | 1146.7 | 1155.1 | 1163.0 | 1164.2 | 1158.1 |
| 35° | 1189.5 | 1188.3 | 1186.5 | 1199.2 | 1204.0 | 1214.2 | 1222.1 | 1234.1 | 1240.2 | 1245.6 | 1242.0 |
| 37.5° | 1299.9 | 1296.3 | 1293.9 | 1297.5 | 1304.1 | 1310.7 | 1322.2 | 1331.3 | 1341.5 | 1354.2 | 1349.9 |
| 40° | 1456.1 | 1463.4 | 1453.1 | 1457.9 | 1463.4 | 1448.3 | 1458.5 | 1467.0 | 1484.5 | 1485.1 | 1484.5 |
| 42.5° | 1659.4 | 1664.8 | 1662.4 | 1665.4 | 1655.8 | 1650.9 | 1646.7 | 1650.9 | 1672.7 | 1669.6 | 1655.2 |
| 45° | 1862.7 | 1870.5 | 1868.7 | 1869.9 | 1888.6 | 1880.8 | 1887.4 | 1888.6 | 1910.9 | 1904.9 | 1894.0 |
| 47.5° | 2036.4 | 2049.7 | 2052.7 | 2063.5 | 2088.9 | 2109.4 | 2137.7 | 2158.8 | 2169.7 | 2176.9 | 2185.4 |
| 50° | 2173.9 | 2183.6 | 2200.5 | 2227.6 | 2264.4 | 2300.0 | 2363.9 | 2405.5 | 2443.5 | 2470.1 | 2497.2 |
| 52.5° | 2265.0 | 2275.9 | 2301.8 | 2342.8 | 2395.9 | 2461.0 | 2535.8 | 2622.7 | 2702.9 | 2750.0 | 2790.4 |
| 55° | 2302.4 | 2313.3 | 2345.2 | 2398.9 | 2469.5 | 2552.7 | 2660.1 | 2782.5 | 2889.3 | 2997.3 | 3059.4 |
| 57.5° | 2280.7 | 2292.7 | 2329.5 | 2389.9 | 2474.9 | 2584.1 | 2717.4 | 2867.6 | 3023.8 | 3187.3 | 3312.1 |
| 60° | 2216.7 | 2227.6 | 2269.2 | 2332.0 | 2429.1 | 2552.1 | 2712.0 | 2900.2 | 3119.7 | 3362.2 | 3599.3 |
| 62.5° | 2128.7 | 2145.0 | 2181.8 | 2245.7 | 2342.2 | 2476.7 | 2658.9 | 2903.8 | 3218.6 | 3609.5 | 4071.0 |
| 65° | 2016.5 | 2028.5 | 2061.1 | 2111.8 | 2217.9 | 2358.5 | 2550.9 | 2850.7 | 3262.1 | 3816.4 | 4475.1 |
| 66° | 1958.6 | 1970.0 | 2000.2 | 2047.8 | 2145.0 | 2280.1 | 2472.5 | 2779.5 | 3213.8 | 3815.2 | 4517.9 |
| 67.5° | 1856.6 | 1862.1 | 1883.8 | 1930.8 | 1994.2 | 2115.4 | 2293.9 | 2581.7 | 3009.3 | 3654.2 | 4398.5 |
| 70° | 1557.4 | 1565.3 | 1586.4 | 1610.5 | 1634.1 | 1677.5 | 1802.3 | 1992.4 | 2334.4 | 2952.6 | 3662.6 |
| 72.5° | 1077.3 | 1089.4 | 1112.3 | 1156.9 | 1193.7 | 1248.6 | 1297.5 | 1360.8 | 1474.2 | 1903.7 | 2620.3 |
| 75° | 778.7 | 782.9 | 816.7 | 895.1 | 969.3 | 1079.1 | 1176.2 | 1207.0 | 1168.4 | 1161.8 | 1539.4 |
| 77.5° | 464.5 | 470.5 | 519.4 | 598.4 | 675.6 | 824.6 | 1023.6 | 1177.4 | 1262.5 | 1232.3 | 1165.4 |
| 80° | 195.4 | 203.9 | 232.8 | 253.3 | 317.3 | 442.1 | 638.8 | 880.1 | 1104.4 | 1242.6 | 1211.2 |
| 82.5° | 62.7 | 73.0 | 86.3 | 104.4 | 123.1 | 164.7 | 255.2 | 381.8 | 603.2 | 899.4 | 1105.7 |
| 85° | 22.9 | 23.5 | 32.6 | 45.2 | 50.1 | 57.9 | 74.2 | 114.6 | 203.9 | 337.2 | 627.3 |
| 87.5° | 9.0 | 10.9 | 12.7 | 17.5 | 18.1 | 18.7 | 21.1 | 27.1 | 26.5 | 22.9 | 118.8 |
| 90° | 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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CATALOG NUMBER: LDRC-T3-F04-E-7030

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 67.5° | 70° | 75° | 80° | 85° | 90° | 95° | 100° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 969.3 | 969.3 | 969.3 | 969.3 | 969.3 | 969.3 | 969.3 | 969.3 | 969.3 | 969.3 | 969.3 |
| 2.5° | 968.1 | 969.3 | 968.7 | 969.3 | 969.3 | 968.1 | 968.1 | 970.5 | 968.7 | 969.9 | 969.9 |
| 5° | 967.5 | 968.7 | 968.1 | 969.3 | 969.3 | 968.7 | 968.7 | 972.3 | 971.7 | 973.6 | 974.8 |
| 7.5° | 969.9 | 970.5 | 969.9 | 969.9 | 971.7 | 971.1 | 971.7 | 973.0 | 976.0 | 979.0 | 981.4 |
| 10° | 973.0 | 974.2 | 976.0 | 976.6 | 979.0 | 978.4 | 980.2 | 982.0 | 985.0 | 988.0 | 991.0 |
| 12.5° | 977.2 | 980.8 | 986.2 | 987.4 | 989.8 | 991.7 | 994.7 | 996.5 | 998.9 | 1003.7 | 1007.3 |
| 15° | 980.8 | 987.4 | 994.1 | 996.5 | 998.9 | 1001.3 | 1004.3 | 1006.1 | 1010.4 | 1014.6 | 1018.8 |
| 17.5° | 982.0 | 989.8 | 998.3 | 1001.3 | 1003.7 | 1007.9 | 1011.6 | 1015.2 | 1020.0 | 1025.4 | 1030.3 |
| 20° | 982.6 | 993.5 | 1004.3 | 1007.9 | 1013.4 | 1019.4 | 1025.4 | 1028.4 | 1035.1 | 1041.7 | 1045.9 |
| 22.5° | 988.0 | 1001.3 | 1016.4 | 1023.0 | 1028.4 | 1039.3 | 1047.1 | 1052.0 | 1059.8 | 1065.2 | 1067.1 |
| 25° | 1003.1 | 1017.0 | 1035.1 | 1045.3 | 1054.4 | 1070.1 | 1079.7 | 1088.8 | 1093.0 | 1100.2 | 1098.4 |
| 27.5° | 1030.3 | 1041.1 | 1064.6 | 1078.5 | 1090.0 | 1110.5 | 1129.2 | 1137.6 | 1144.3 | 1147.9 | 1143.7 |
| 30° | 1076.7 | 1080.9 | 1106.9 | 1123.8 | 1143.1 | 1175.0 | 1195.5 | 1206.4 | 1214.8 | 1215.4 | 1204.6 |
| 32.5° | 1146.1 | 1139.4 | 1162.4 | 1186.5 | 1211.8 | 1250.4 | 1278.2 | 1289.6 | 1296.3 | 1296.9 | 1272.7 |
| 35° | 1240.2 | 1228.7 | 1248.0 | 1271.5 | 1302.9 | 1353.6 | 1388.6 | 1401.8 | 1412.1 | 1407.3 | 1371.7 |
| 37.5° | 1359.0 | 1358.4 | 1367.4 | 1397.6 | 1433.2 | 1498.3 | 1535.1 | 1542.4 | 1541.8 | 1527.3 | 1473.6 |
| 40° | 1491.1 | 1480.2 | 1481.4 | 1503.2 | 1544.2 | 1629.8 | 1681.1 | 1693.2 | 1688.9 | 1667.8 | 1597.9 |
| 42.5° | 1657.6 | 1652.8 | 1636.5 | 1647.9 | 1685.9 | 1790.3 | 1852.4 | 1864.5 | 1868.1 | 1833.1 | 1750.5 |
| 45° | 1891.0 | 1886.8 | 1850.6 | 1853.0 | 1880.8 | 1990.5 | 2055.1 | 2075.0 | 2075.6 | 2042.4 | 1935.0 |
| 47.5° | 2173.9 | 2170.3 | 2128.1 | 2116.0 | 2129.9 | 2227.6 | 2307.8 | 2312.0 | 2313.3 | 2267.4 | 2155.8 |
| 50° | 2494.8 | 2484.6 | 2452.6 | 2439.9 | 2423.6 | 2531.6 | 2596.2 | 2595.5 | 2588.9 | 2538.2 | 2412.8 |
| 52.5° | 2804.9 | 2827.8 | 2815.7 | 2791.0 | 2791.6 | 2869.4 | 2930.3 | 2896.5 | 2900.8 | 2852.5 | 2708.3 |
| 55° | 3136.0 | 3194.5 | 3238.6 | 3247.6 | 3243.4 | 3283.2 | 3317.0 | 3256.6 | 3234.3 | 3226.5 | 3073.3 |
| 57.5° | 3487.7 | 3637.3 | 3773.0 | 3829.7 | 3808.0 | 3881.0 | 3911.1 | 3848.4 | 3849.6 | 3911.1 | 3779.0 |
| 60° | 3957.6 | 4335.2 | 4677.2 | 4783.3 | 4832.8 | 4953.4 | 4899.8 | 4896.1 | 4990.8 | 5070.5 | 4825.6 |
| 62.5° | 4670.5 | 5296.1 | 5841.9 | 5921.0 | 5960.8 | 5987.9 | 5963.8 | 5898.0 | 5995.8 | 6005.4 | 5627.8 |
| 65° | 5211.0 | 5945.1 | 6472.9 | 6571.8 | 6564.6 | 6426.4 | 6292.5 | 6161.0 | 6159.8 | 6063.3 | 5577.1 |
| 66° | 5269.5 | 6006.6 | 6521.1 | 6608.6 | 6576.6 | 6363.7 | 6193.6 | 6022.9 | 5968.0 | 5823.2 | 5329.8 |
| 67.5° | 5141.6 | 5899.2 | 6410.2 | 6488.6 | 6420.4 | 6096.5 | 5864.9 | 5633.8 | 5551.2 | 5349.7 | 4846.7 |
| 70° | 4395.5 | 5176.0 | 5859.4 | 5972.8 | 5892.0 | 5461.9 | 5118.7 | 4864.8 | 4639.8 | 4441.3 | 4026.3 |
| 72.5° | 3408.1 | 3991.9 | 4715.2 | 4833.4 | 4840.0 | 4503.5 | 4116.8 | 3873.1 | 3611.3 | 3412.3 | 3101.0 |
| 75° | 2235.4 | 2677.0 | 3074.5 | 3034.7 | 3046.1 | 2781.3 | 2550.9 | 2348.2 | 2111.2 | 1954.4 | 1806.0 |
| 77.5° | 1306.5 | 1464.6 | 1428.4 | 1329.4 | 1246.2 | 979.6 | 700.9 | 481.3 | 419.8 | 437.9 | 494.0 |
| 80° | 1135.8 | 1047.1 | 819.7 | 720.8 | 655.7 | 445.2 | 239.5 | 168.9 | 148.4 | 150.2 | 159.2 |
| 82.5° | 1222.7 | 1268.5 | 1041.1 | 857.1 | 747.4 | 524.2 | 281.7 | 140.5 | 101.3 | 118.2 | 130.3 |
| 85° | 948.8 | 1207.6 | 1113.5 | 941.0 | 791.4 | 557.4 | 287.7 | 89.3 | 60.3 | 80.8 | 101.9 |
| 87.5° | 270.2 | 427.7 | 342.0 | 302.2 | 243.7 | 166.5 | 68.8 | 35.6 | 32.6 | 42.2 | 58.5 |
| 90° | 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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CATALOG NUMBER: LDRC-T3-F04-E-7030

CANDELA DISTRIBUTION (continued):

| | 105° | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 0° | 969.3 | 969.3 | 969.3 | 969.3 | 969.3 | 969.3 | 969.3 | 969.3 | 969.3 | 969.3 | 969.3 |
| 2.5° | 970.5 | 970.5 | 972.3 | 973.0 | 973.6 | 973.6 | 974.8 | 974.8 | 975.4 | 977.8 | 977.2 |
| 5° | 976.6 | 978.4 | 980.8 | 982.0 | 983.8 | 984.4 | 986.2 | 986.2 | 988.0 | 989.8 | 989.2 |
| 7.5° | 983.8 | 985.6 | 987.4 | 989.2 | 991.0 | 993.5 | 992.9 | 992.3 | 991.7 | 990.4 | 989.2 |
| 10° | 994.1 | 995.9 | 997.7 | 997.1 | 995.9 | 994.7 | 989.8 | 984.4 | 982.0 | 977.2 | 973.6 |
| 12.5° | 1011.0 | 1012.8 | 1011.0 | 1006.1 | 999.5 | 991.7 | 981.4 | 972.3 | 966.9 | 959.7 | 955.5 |
| 15° | 1023.6 | 1025.4 | 1021.8 | 1013.4 | 1002.5 | 992.3 | 978.4 | 966.9 | 957.3 | 949.4 | 943.4 |
| 17.5° | 1033.3 | 1032.1 | 1024.2 | 1014.6 | 1003.1 | 994.7 | 982.0 | 969.3 | 957.9 | 947.0 | 938.6 |
| 20° | 1047.1 | 1040.5 | 1029.1 | 1017.0 | 1005.5 | 998.3 | 988.0 | 976.6 | 964.5 | 948.8 | 938.0 |
| 22.5° | 1065.2 | 1053.2 | 1038.1 | 1026.0 | 1015.2 | 1007.9 | 997.7 | 986.8 | 975.4 | 957.3 | 942.2 |
| 25° | 1091.2 | 1071.9 | 1054.4 | 1041.7 | 1032.1 | 1024.8 | 1012.2 | 1000.7 | 988.0 | 969.9 | 950.6 |
| 27.5° | 1127.4 | 1099.6 | 1081.5 | 1068.9 | 1059.2 | 1050.8 | 1034.5 | 1020.6 | 1004.3 | 986.2 | 963.3 |
| 30° | 1174.4 | 1140.6 | 1120.7 | 1109.9 | 1099.6 | 1087.6 | 1070.1 | 1049.6 | 1028.4 | 1004.3 | 979.6 |
| 32.5° | 1232.9 | 1194.9 | 1176.2 | 1165.4 | 1152.1 | 1135.8 | 1112.9 | 1085.8 | 1054.4 | 1022.4 | 991.7 |
| 35° | 1316.2 | 1272.7 | 1252.2 | 1233.5 | 1214.2 | 1190.1 | 1155.7 | 1116.5 | 1074.9 | 1033.3 | 995.3 |
| 37.5° | 1398.8 | 1358.4 | 1333.1 | 1313.8 | 1283.6 | 1244.4 | 1196.7 | 1142.5 | 1087.0 | 1033.9 | 988.0 |
| 40° | 1515.8 | 1468.8 | 1439.2 | 1404.8 | 1356.0 | 1295.1 | 1225.7 | 1152.7 | 1083.9 | 1020.0 | 965.7 |
| 42.5° | 1659.4 | 1605.7 | 1561.7 | 1499.5 | 1423.5 | 1335.5 | 1239.6 | 1146.7 | 1062.8 | 989.2 | 929.5 |
| 45° | 1841.0 | 1771.0 | 1697.4 | 1599.7 | 1483.3 | 1360.2 | 1239.0 | 1125.6 | 1026.6 | 943.4 | 884.3 |
| 47.5° | 2052.7 | 1954.4 | 1830.7 | 1681.7 | 1522.5 | 1366.2 | 1219.7 | 1087.6 | 972.3 | 880.7 | 812.5 |
| 50° | 2270.4 | 2128.1 | 1952.5 | 1745.0 | 1542.4 | 1351.2 | 1176.8 | 1025.4 | 901.2 | 796.8 | 723.2 |
| 52.5° | 2538.8 | 2318.1 | 2062.9 | 1787.9 | 1533.9 | 1306.5 | 1105.7 | 938.0 | 805.3 | 703.3 | 618.9 |
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