

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: P146116

Luminaire Tested: **LDRC-SLR-F04-E-7050**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P146116
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33704)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: LDRC-SLR-F04-E-7050
Description: RC LED ROADWAY SMALL CUTOFF COBRAHEAD LUMINAIRE
(4) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT
Light Source: (28) 5000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9126.2 lumens
Efficiency: N/A
Efficacy: 89.3 lumens/watt
Luminous Opening: Rectangular (W 0.67' x L: 1' x H: 0')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B1 - U0 - G3

Input Watts (W): 102.2
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: 25 FT

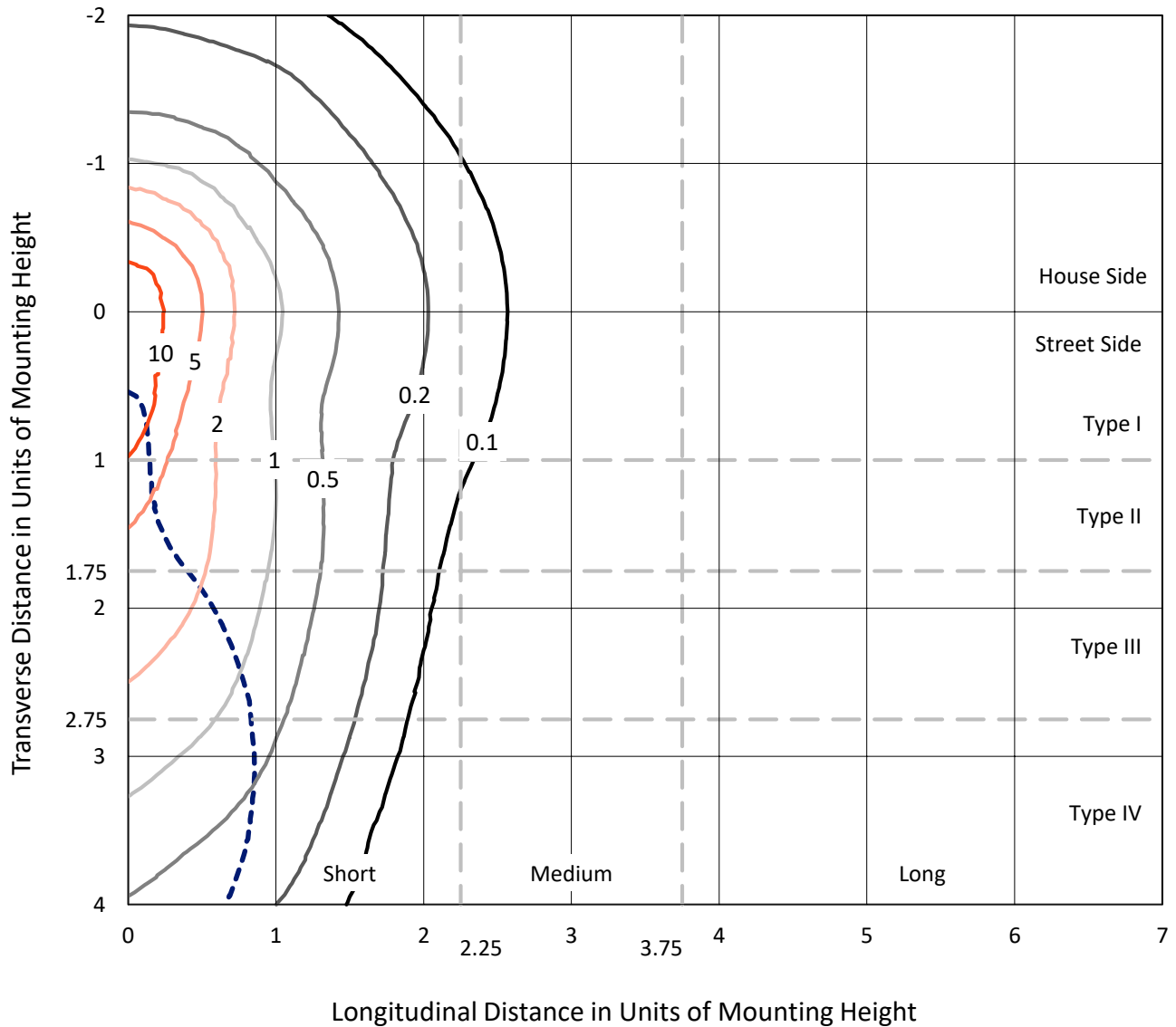


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Iso-Footcandle Lines of Horizontal Illumination

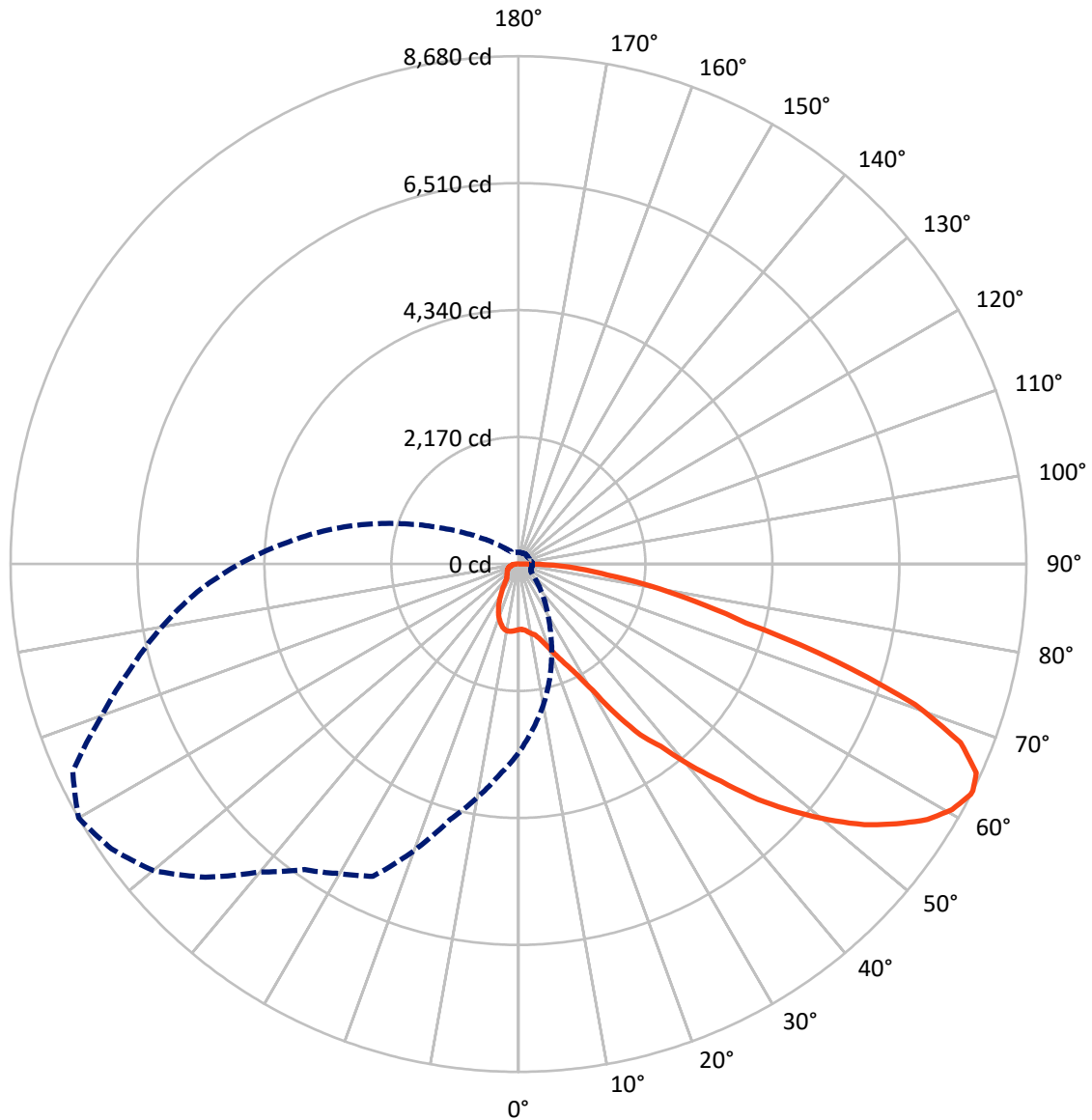
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 14.4 fc
 Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 300-Deg Lateral - - - Horizontal Cone Through 63-Deg Vertical

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FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 1910.4 | 0.0 | 1910.4 |
| | % Fixture | 20.9 | 0.0 | 20.9 |
| Street Side | Lumens | 7215.8 | 0.0 | 7215.8 |
| | % Fixture | 79.1 | 0.0 | 79.1 |
| Total | Lumens | 9126.2 | 0.0 | 9126.2 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 110.1 | 1.2 |
| 10°-20° | 343.6 | 3.8 |
| 20°-30° | 607.6 | 6.7 |
| 30°-40° | 959.2 | 10.5 |
| 40°-50° | 1410.5 | 15.5 |
| 50°-60° | 1858.0 | 20.4 |
| 60°-70° | 2070.9 | 22.7 |
| 70°-80° | 1360.6 | 14.9 |
| 80°-90° | 405.8 | 4.4 |
| 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° | 9126.2 | 100.0 |
| 0°-180° | 9126.2 | 100.0 |

Coefficient of Utilization



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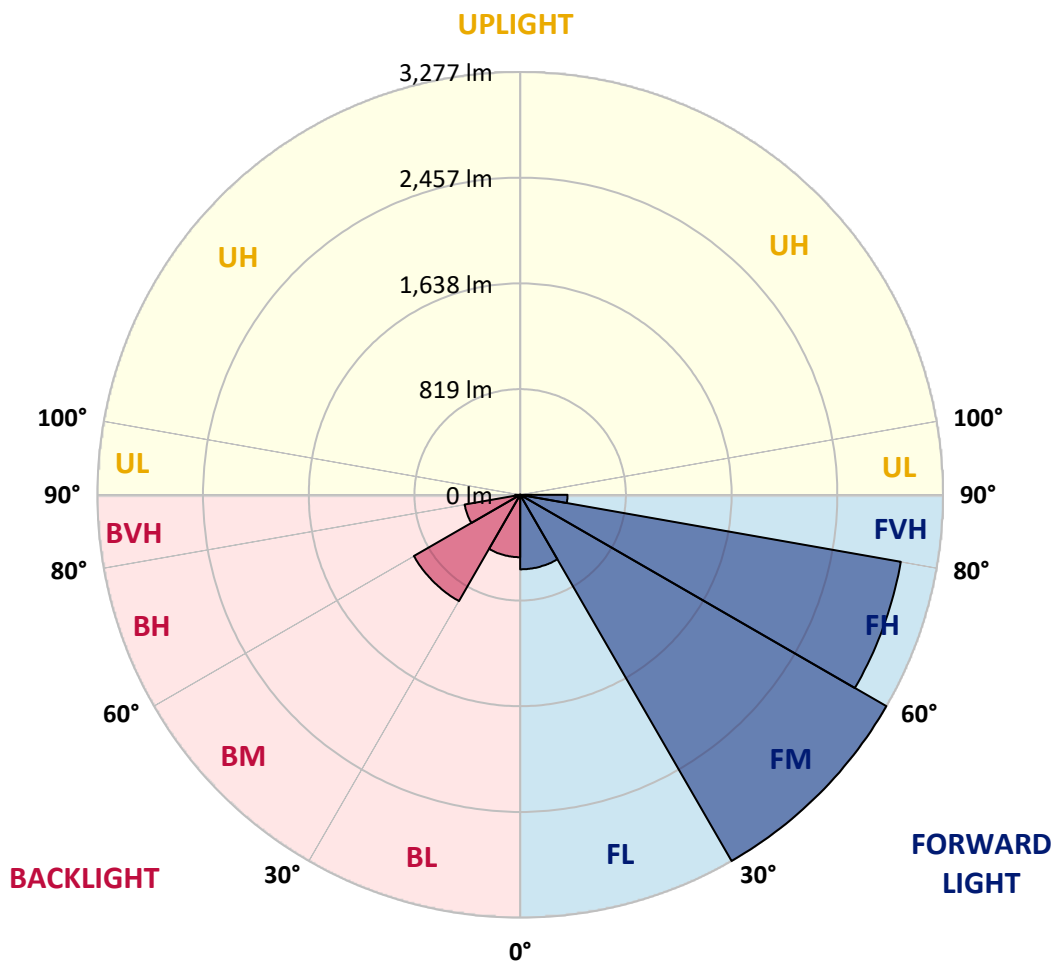
CATALOG NUMBER: LDRC-SLR-F04-E-7050

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 577.6 | 6.3 | | | |
| FM | (30°-60°) | 3276.5 | 35.9 | | | |
| FH | (60°-80°) | 2994.9 | 32.8 | | | G2/5000 |
| FVH | (80°-90°) | 366.7 | 4.0 | | | G3/500 |
| BL | (0°-30°) | 483.6 | 5.3 | B1/500 | | |
| BM | (30°-60°) | 951.1 | 10.4 | B1/1000 | | |
| BH | (60°-80°) | 436.6 | 4.8 | B1/500 | | G1/500 |
| BVH | (80°-90°) | 39.0 | 0.4 | | | G1/100 |
| UL | (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH | (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B1-U0-G3

Type IV Short





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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1120.9 | 1120.9 | 1120.9 | 1120.9 | 1120.9 | 1120.9 | 1120.9 | 1120.9 | 1120.9 | 1120.9 | 1120.9 |
| 2.5° | 1119.5 | 1121.5 | 1121.5 | 1119.5 | 1121.5 | 1120.9 | 1120.9 | 1122.9 | 1123.6 | 1126.9 | 1124.9 |
| 5° | 1114.1 | 1114.8 | 1115.4 | 1114.1 | 1114.8 | 1114.8 | 1116.1 | 1118.1 | 1118.8 | 1122.9 | 1120.9 |
| 7.5° | 1108.0 | 1109.3 | 1106.6 | 1107.3 | 1109.3 | 1112.0 | 1112.0 | 1114.8 | 1119.5 | 1121.5 | 1120.9 |
| 10° | 1111.4 | 1110.0 | 1108.0 | 1107.3 | 1108.7 | 1109.3 | 1110.7 | 1115.4 | 1119.5 | 1121.5 | 1124.9 |
| 12.5° | 1137.8 | 1133.7 | 1131.7 | 1131.0 | 1131.7 | 1130.3 | 1135.1 | 1136.4 | 1137.8 | 1140.5 | 1139.1 |
| 15° | 1187.9 | 1182.5 | 1179.1 | 1175.7 | 1183.2 | 1179.8 | 1179.8 | 1175.7 | 1169.0 | 1158.8 | 1145.9 |
| 17.5° | 1257.7 | 1251.6 | 1248.9 | 1247.6 | 1248.3 | 1242.2 | 1230.0 | 1210.3 | 1186.6 | 1159.5 | 1134.4 |
| 20° | 1358.0 | 1367.5 | 1363.5 | 1345.2 | 1338.4 | 1311.3 | 1272.6 | 1232.0 | 1190.6 | 1147.3 | 1105.9 |
| 22.5° | 1531.5 | 1526.1 | 1507.8 | 1462.4 | 1421.7 | 1360.7 | 1291.6 | 1225.9 | 1164.9 | 1101.9 | 1047.7 |
| 25° | 1732.8 | 1687.4 | 1635.9 | 1546.4 | 1452.9 | 1352.6 | 1253.0 | 1175.1 | 1093.7 | 1024.6 | 959.6 |
| 27.5° | 1979.4 | 1881.2 | 1749.7 | 1604.0 | 1464.4 | 1330.9 | 1213.0 | 1110.0 | 1017.2 | 943.3 | 870.8 |
| 30° | 2222.0 | 2058.1 | 1875.1 | 1682.0 | 1493.6 | 1313.3 | 1157.4 | 1038.2 | 931.1 | 836.2 | 763.0 |
| 32.5° | 2390.1 | 2191.6 | 1963.9 | 1725.3 | 1496.3 | 1284.8 | 1096.5 | 954.1 | 833.5 | 738.0 | 649.9 |
| 35° | 2528.4 | 2280.3 | 1995.0 | 1718.5 | 1452.9 | 1218.4 | 1009.0 | 851.1 | 723.1 | 624.1 | 546.9 |
| 37.5° | 2623.2 | 2325.7 | 1993.0 | 1679.2 | 1375.7 | 1112.7 | 908.7 | 748.1 | 628.9 | 536.7 | 465.6 |
| 40° | 2689.6 | 2340.0 | 1966.6 | 1612.2 | 1286.9 | 1010.4 | 801.7 | 655.3 | 550.9 | 479.1 | 427.6 |
| 42.5° | 2721.5 | 2330.5 | 1927.3 | 1548.5 | 1198.8 | 927.7 | 721.0 | 593.0 | 508.2 | 454.0 | 416.1 |
| 45° | 2735.0 | 2307.4 | 1883.2 | 1486.1 | 1126.9 | 856.6 | 679.7 | 574.0 | 507.6 | 460.8 | 419.5 |
| 47.5° | 2731.6 | 2282.4 | 1843.9 | 1434.6 | 1084.3 | 837.6 | 687.8 | 599.7 | 532.6 | 474.4 | 421.5 |
| 50° | 2722.2 | 2259.3 | 1818.8 | 1415.6 | 1083.6 | 866.1 | 733.2 | 643.1 | 561.8 | 486.6 | 419.5 |
| 52.5° | 2721.5 | 2257.3 | 1832.4 | 1438.0 | 1122.9 | 930.4 | 801.7 | 693.2 | 590.2 | 500.1 | 420.1 |
| 55° | 2737.7 | 2293.9 | 1890.0 | 1498.3 | 1217.8 | 1020.6 | 878.9 | 746.8 | 622.1 | 509.6 | 418.1 |
| 57.5° | 2803.5 | 2385.4 | 1999.1 | 1633.2 | 1339.7 | 1130.3 | 953.5 | 786.8 | 634.3 | 506.9 | 408.6 |
| 60° | 2947.8 | 2546.0 | 2167.2 | 1823.6 | 1496.3 | 1230.6 | 997.5 | 800.3 | 628.9 | 490.6 | 388.3 |
| 62.5° | 3172.8 | 2778.4 | 2397.6 | 2010.6 | 1635.2 | 1290.9 | 1007.7 | 789.5 | 607.2 | 463.5 | 363.2 |
| 63° | 3230.4 | 2831.9 | 2444.3 | 2049.2 | 1658.9 | 1297.0 | 1007.0 | 785.4 | 601.1 | 456.7 | 357.1 |
| 65° | 3471.0 | 3061.7 | 2632.0 | 2176.6 | 1722.6 | 1309.2 | 991.4 | 759.7 | 574.0 | 424.9 | 329.3 |
| 67.5° | 3832.8 | 3315.1 | 2818.4 | 2295.2 | 1757.9 | 1287.6 | 942.6 | 696.0 | 504.2 | 369.3 | 288.0 |
| 70° | 4074.1 | 3483.2 | 2929.5 | 2333.9 | 1716.5 | 1188.6 | 830.8 | 583.5 | 412.0 | 304.3 | 246.0 |
| 72.5° | 4080.2 | 3332.7 | 2779.1 | 2133.3 | 1482.0 | 980.6 | 650.6 | 441.2 | 320.5 | 247.3 | 212.1 |
| 75° | 3644.5 | 2816.4 | 2271.5 | 1751.8 | 1140.5 | 693.2 | 457.4 | 321.9 | 246.0 | 204.0 | 183.6 |
| 77.5° | 2709.3 | 2054.7 | 1639.3 | 1178.5 | 740.7 | 449.3 | 318.5 | 238.5 | 195.2 | 168.7 | 153.8 |
| 80° | 1681.3 | 1284.2 | 994.8 | 704.8 | 443.9 | 298.8 | 233.1 | 189.7 | 164.0 | 141.0 | 128.8 |
| 82.5° | 1013.8 | 719.0 | 561.8 | 425.6 | 283.9 | 215.5 | 179.6 | 159.9 | 138.9 | 118.6 | 109.1 |
| 85° | 742.7 | 514.3 | 376.8 | 262.9 | 175.5 | 142.3 | 126.0 | 122.0 | 107.7 | 91.5 | 86.1 |
| 87.5° | 233.8 | 245.3 | 254.8 | 155.2 | 84.7 | 64.4 | 54.9 | 64.4 | 61.7 | 43.4 | 47.4 |
| 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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CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1120.9 | 1120.9 | 1120.9 | 1120.9 | 1120.9 | 1120.9 | 1120.9 | 1120.9 | 1120.9 | 1120.9 | 1120.9 |
| 2.5° | 1128.3 | 1131.0 | 1129.0 | 1129.0 | 1127.6 | 1126.9 | 1131.7 | 1130.3 | 1131.7 | 1131.0 | 1132.4 |
| 5° | 1124.2 | 1126.3 | 1124.9 | 1126.3 | 1124.9 | 1124.9 | 1131.0 | 1131.0 | 1133.7 | 1135.1 | 1138.5 |
| 7.5° | 1125.6 | 1126.3 | 1125.6 | 1127.6 | 1126.3 | 1124.9 | 1128.3 | 1130.3 | 1135.1 | 1139.1 | 1142.5 |
| 10° | 1130.3 | 1132.4 | 1131.7 | 1131.7 | 1127.6 | 1124.9 | 1126.9 | 1128.3 | 1133.0 | 1135.1 | 1139.1 |
| 12.5° | 1141.9 | 1139.1 | 1133.7 | 1130.3 | 1120.9 | 1115.4 | 1112.7 | 1111.4 | 1114.8 | 1117.5 | 1119.5 |
| 15° | 1139.1 | 1124.2 | 1112.0 | 1101.9 | 1087.6 | 1078.8 | 1072.1 | 1071.4 | 1072.1 | 1072.7 | 1074.8 |
| 17.5° | 1111.4 | 1091.0 | 1066.6 | 1053.8 | 1037.5 | 1028.0 | 1023.3 | 1019.9 | 1019.2 | 1020.6 | 1023.9 |
| 20° | 1071.4 | 1041.6 | 1014.5 | 992.1 | 974.5 | 959.6 | 963.0 | 955.5 | 958.9 | 960.9 | 967.0 |
| 22.5° | 1010.4 | 969.1 | 937.9 | 910.8 | 889.8 | 874.2 | 874.2 | 867.4 | 868.8 | 874.9 | 883.0 |
| 25° | 911.5 | 872.8 | 828.1 | 809.1 | 785.4 | 774.6 | 772.5 | 771.2 | 776.6 | 784.1 | 788.8 |
| 27.5° | 822.0 | 769.1 | 725.1 | 700.0 | 674.9 | 677.7 | 664.1 | 672.2 | 678.3 | 684.4 | 689.9 |
| 30° | 701.4 | 658.0 | 618.0 | 593.0 | 563.1 | 563.8 | 565.8 | 567.2 | 572.6 | 580.8 | 591.6 |
| 32.5° | 585.5 | 538.7 | 501.5 | 474.4 | 456.7 | 451.3 | 443.9 | 456.1 | 462.8 | 471.0 | 481.8 |
| 35° | 489.9 | 441.2 | 410.0 | 386.3 | 376.1 | 368.6 | 366.6 | 365.3 | 371.4 | 375.4 | 384.2 |
| 37.5° | 421.5 | 388.3 | 365.3 | 348.3 | 338.8 | 330.7 | 328.7 | 327.3 | 326.6 | 325.3 | 330.7 |
| 40° | 393.7 | 367.3 | 347.6 | 332.1 | 323.2 | 318.5 | 316.5 | 313.8 | 311.0 | 307.7 | 307.0 |
| 42.5° | 385.6 | 357.1 | 334.1 | 318.5 | 311.7 | 311.0 | 311.0 | 309.7 | 307.0 | 302.2 | 298.8 |
| 45° | 382.2 | 347.6 | 321.2 | 309.0 | 304.3 | 304.9 | 304.9 | 304.9 | 302.9 | 298.2 | 292.7 |
| 47.5° | 376.1 | 336.1 | 309.0 | 298.8 | 296.8 | 298.2 | 299.5 | 299.5 | 298.2 | 294.1 | 288.0 |
| 50° | 364.6 | 318.5 | 290.0 | 280.6 | 279.9 | 280.6 | 280.6 | 281.9 | 280.6 | 277.2 | 271.7 |
| 52.5° | 355.8 | 304.9 | 275.8 | 268.4 | 268.4 | 267.7 | 267.0 | 267.0 | 266.3 | 263.6 | 259.5 |
| 55° | 347.6 | 296.1 | 269.7 | 263.6 | 265.0 | 265.0 | 263.6 | 262.9 | 260.2 | 256.8 | 252.8 |
| 57.5° | 336.1 | 286.7 | 263.6 | 259.5 | 260.9 | 260.2 | 259.5 | 258.9 | 256.2 | 252.1 | 246.7 |
| 60° | 315.8 | 269.7 | 251.4 | 248.7 | 250.7 | 251.4 | 254.1 | 254.8 | 253.4 | 248.7 | 241.2 |
| 62.5° | 293.4 | 248.7 | 235.1 | 233.1 | 235.1 | 237.2 | 239.2 | 237.9 | 237.9 | 233.1 | 226.3 |
| 63° | 286.0 | 245.3 | 230.4 | 230.4 | 232.4 | 234.5 | 235.8 | 234.5 | 235.1 | 229.7 | 223.0 |
| 65° | 269.0 | 233.1 | 221.6 | 222.3 | 224.3 | 225.7 | 226.3 | 226.3 | 225.7 | 221.6 | 215.5 |
| 67.5° | 240.6 | 215.5 | 208.7 | 212.1 | 214.8 | 215.5 | 215.5 | 216.9 | 215.5 | 212.8 | 207.4 |
| 70° | 214.8 | 198.6 | 193.8 | 197.9 | 199.2 | 199.9 | 199.9 | 199.9 | 198.6 | 195.8 | 191.1 |
| 72.5° | 195.2 | 187.0 | 186.4 | 185.7 | 186.4 | 184.3 | 184.3 | 183.0 | 179.6 | 177.5 | 173.5 |
| 75° | 173.5 | 169.4 | 170.1 | 169.4 | 168.1 | 167.4 | 164.0 | 162.6 | 158.6 | 155.9 | 150.4 |
| 77.5° | 149.1 | 149.8 | 149.1 | 149.8 | 151.1 | 151.8 | 147.1 | 143.7 | 140.3 | 137.6 | 134.9 |
| 80° | 124.0 | 125.4 | 124.0 | 125.4 | 126.0 | 126.0 | 121.3 | 115.9 | 113.2 | 115.2 | 115.9 |
| 82.5° | 110.5 | 110.5 | 105.0 | 106.4 | 105.0 | 103.0 | 99.6 | 97.6 | 95.6 | 94.2 | 97.6 |
| 85° | 87.4 | 88.1 | 89.5 | 88.1 | 85.4 | 83.4 | 80.0 | 77.3 | 75.2 | 77.3 | 82.0 |
| 87.5° | 52.2 | 56.2 | 54.2 | 54.2 | 53.5 | 53.5 | 50.8 | 49.5 | 47.4 | 55.6 | 59.6 |
| 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-SLR-F04-E-7050

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1120.9 | 1120.9 | 1120.9 | 1120.9 | 1120.9 | 1120.9 | 1120.9 | 1120.9 | 1120.9 | 1120.9 | 1120.9 |
| 2.5° | 1131.7 | 1133.7 | 1134.4 | 1133.7 | 1134.4 | 1135.8 | 1130.3 | 1135.8 | 1136.4 | 1132.4 | 1133.7 |
| 5° | 1141.2 | 1144.6 | 1149.3 | 1149.3 | 1152.7 | 1154.7 | 1152.0 | 1159.5 | 1160.8 | 1160.2 | 1163.5 |
| 7.5° | 1148.0 | 1152.7 | 1158.8 | 1162.2 | 1168.3 | 1171.0 | 1173.0 | 1179.8 | 1181.2 | 1183.9 | 1186.6 |
| 10° | 1147.3 | 1154.1 | 1159.5 | 1169.0 | 1176.4 | 1181.8 | 1185.9 | 1193.4 | 1196.1 | 1200.1 | 1202.2 |
| 12.5° | 1127.6 | 1135.1 | 1145.2 | 1158.8 | 1172.4 | 1181.2 | 1192.0 | 1202.8 | 1206.9 | 1212.3 | 1215.7 |
| 15° | 1083.6 | 1089.7 | 1103.9 | 1121.5 | 1139.8 | 1162.2 | 1177.8 | 1194.7 | 1202.2 | 1207.6 | 1212.3 |
| 17.5° | 1026.0 | 1031.4 | 1044.3 | 1059.9 | 1084.3 | 1105.9 | 1129.7 | 1155.4 | 1168.3 | 1174.4 | 1176.4 |
| 20° | 972.4 | 980.6 | 984.0 | 1002.3 | 1010.4 | 1032.1 | 1052.4 | 1080.9 | 1097.1 | 1108.0 | 1114.8 |
| 22.5° | 888.4 | 892.5 | 910.1 | 917.6 | 923.7 | 937.2 | 962.3 | 987.4 | 1009.0 | 1026.7 | 1032.1 |
| 25° | 795.6 | 806.4 | 815.9 | 822.0 | 836.2 | 836.9 | 857.2 | 874.9 | 902.0 | 918.9 | 932.5 |
| 27.5° | 693.2 | 709.5 | 714.9 | 719.0 | 729.8 | 742.7 | 750.2 | 767.8 | 783.4 | 803.0 | 827.4 |
| 30° | 590.2 | 605.8 | 616.7 | 622.8 | 632.9 | 645.1 | 650.6 | 662.1 | 682.4 | 704.1 | 723.1 |
| 32.5° | 494.0 | 510.3 | 515.7 | 535.4 | 538.1 | 549.6 | 553.6 | 571.9 | 583.5 | 601.8 | 624.1 |
| 35° | 399.8 | 416.8 | 433.0 | 443.9 | 456.1 | 455.4 | 466.2 | 483.2 | 493.3 | 512.3 | 527.2 |
| 37.5° | 335.4 | 345.6 | 357.1 | 369.3 | 382.9 | 393.0 | 403.2 | 410.7 | 418.8 | 431.7 | 445.2 |
| 40° | 307.0 | 309.7 | 314.4 | 321.9 | 331.4 | 338.8 | 346.3 | 352.4 | 358.5 | 368.6 | 377.5 |
| 42.5° | 295.5 | 293.4 | 293.4 | 292.1 | 295.5 | 299.5 | 305.6 | 307.7 | 317.1 | 323.2 | 326.6 |
| 45° | 287.3 | 282.6 | 279.2 | 275.1 | 273.8 | 275.1 | 278.5 | 283.3 | 289.4 | 291.4 | 291.4 |
| 47.5° | 282.6 | 275.1 | 269.7 | 263.6 | 260.2 | 260.2 | 262.3 | 265.6 | 269.0 | 269.7 | 269.0 |
| 50° | 266.3 | 258.9 | 252.1 | 246.7 | 244.0 | 244.0 | 244.6 | 249.4 | 250.1 | 248.7 | 249.4 |
| 52.5° | 254.1 | 246.7 | 239.9 | 235.1 | 231.8 | 232.4 | 234.5 | 236.5 | 238.5 | 237.2 | 235.8 |
| 55° | 246.7 | 237.9 | 231.8 | 226.3 | 222.3 | 223.6 | 225.7 | 228.4 | 231.8 | 229.7 | 227.7 |
| 57.5° | 239.9 | 232.4 | 225.0 | 219.6 | 214.8 | 216.2 | 218.2 | 222.3 | 226.3 | 222.3 | 219.6 |
| 60° | 233.8 | 226.3 | 218.9 | 213.5 | 208.0 | 209.4 | 212.1 | 216.2 | 219.6 | 214.1 | 210.8 |
| 62.5° | 218.9 | 212.1 | 206.7 | 204.0 | 200.6 | 202.6 | 204.7 | 209.4 | 208.0 | 202.6 | 198.6 |
| 63° | 216.2 | 209.4 | 204.7 | 201.9 | 199.2 | 201.9 | 202.6 | 207.4 | 205.3 | 199.9 | 196.5 |
| 65° | 208.0 | 202.6 | 197.9 | 195.2 | 192.5 | 193.8 | 193.8 | 195.8 | 193.1 | 189.1 | 186.4 |
| 67.5° | 200.6 | 194.5 | 189.7 | 184.3 | 181.6 | 180.3 | 179.6 | 178.9 | 176.9 | 174.8 | 174.2 |
| 70° | 184.3 | 180.3 | 176.2 | 171.4 | 167.4 | 164.7 | 163.3 | 162.0 | 160.6 | 159.9 | 159.3 |
| 72.5° | 166.7 | 163.3 | 159.3 | 156.5 | 153.2 | 151.1 | 147.7 | 147.1 | 145.7 | 144.3 | 143.7 |
| 75° | 147.7 | 143.7 | 142.3 | 139.6 | 137.6 | 136.2 | 133.5 | 132.8 | 131.5 | 129.4 | 128.8 |
| 77.5° | 130.8 | 129.4 | 127.4 | 126.7 | 123.3 | 121.3 | 119.9 | 119.3 | 117.9 | 116.6 | 115.2 |
| 80° | 116.6 | 115.9 | 114.5 | 113.8 | 111.8 | 109.1 | 107.7 | 108.4 | 106.4 | 105.7 | 103.7 |
| 82.5° | 105.0 | 105.7 | 105.7 | 103.7 | 101.6 | 98.3 | 96.9 | 98.9 | 97.6 | 94.9 | 92.2 |
| 85° | 89.5 | 88.8 | 89.5 | 88.8 | 84.7 | 81.3 | 80.0 | 81.3 | 80.6 | 76.6 | 75.9 |
| 87.5° | 63.7 | 63.0 | 61.7 | 65.7 | 60.3 | 48.8 | 50.1 | 56.9 | 54.9 | 52.9 | 51.5 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P146116

CATALOG NUMBER: LDRC-SLR-F04-E-7050

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1120.9 | 1120.9 | 1120.9 | 1120.9 | 1120.9 | 1120.9 | 1120.9 | 1120.9 | 1120.9 | 1120.9 | 1120.9 |
| 2.5° | 1136.4 | 1134.4 | 1135.8 | 1136.4 | 1134.4 | 1139.1 | 1134.4 | 1135.1 | 1136.4 | 1132.4 | 1131.7 |
| 5° | 1166.3 | 1166.3 | 1171.7 | 1172.4 | 1171.7 | 1177.8 | 1177.1 | 1177.8 | 1176.4 | 1175.7 | 1173.0 |
| 7.5° | 1190.6 | 1193.4 | 1197.4 | 1203.5 | 1205.6 | 1210.3 | 1211.7 | 1212.3 | 1215.0 | 1217.8 | 1216.4 |
| 10° | 1208.3 | 1215.7 | 1219.1 | 1225.2 | 1231.3 | 1234.7 | 1238.1 | 1243.5 | 1245.5 | 1247.6 | 1244.9 |
| 12.5° | 1220.5 | 1229.3 | 1234.7 | 1242.2 | 1249.6 | 1255.0 | 1261.1 | 1267.9 | 1274.7 | 1276.7 | 1273.3 |
| 15° | 1214.4 | 1224.5 | 1232.7 | 1240.8 | 1252.3 | 1262.5 | 1274.0 | 1286.2 | 1295.0 | 1298.4 | 1294.3 |
| 17.5° | 1176.4 | 1186.6 | 1198.8 | 1211.0 | 1223.2 | 1242.2 | 1258.4 | 1278.7 | 1293.0 | 1303.1 | 1304.5 |
| 20° | 1124.2 | 1130.3 | 1148.0 | 1160.2 | 1179.8 | 1202.2 | 1226.6 | 1250.3 | 1266.5 | 1284.8 | 1295.7 |
| 22.5° | 1047.0 | 1059.2 | 1078.8 | 1099.8 | 1119.5 | 1148.6 | 1174.4 | 1205.6 | 1233.3 | 1258.4 | 1282.1 |
| 25° | 952.8 | 969.7 | 992.8 | 1021.9 | 1047.7 | 1078.8 | 1116.1 | 1150.7 | 1197.4 | 1236.7 | 1287.6 |
| 27.5° | 851.1 | 882.3 | 914.2 | 944.7 | 973.1 | 1008.4 | 1047.0 | 1085.6 | 1139.1 | 1202.2 | 1268.6 |
| 30° | 754.9 | 780.7 | 820.6 | 855.9 | 889.1 | 932.5 | 972.4 | 1015.1 | 1066.0 | 1140.5 | 1215.7 |
| 32.5° | 654.6 | 675.6 | 706.8 | 750.2 | 788.8 | 839.6 | 874.9 | 925.7 | 984.6 | 1063.2 | 1148.6 |
| 35° | 550.9 | 580.1 | 605.2 | 635.0 | 664.1 | 714.9 | 767.8 | 824.0 | 891.8 | 975.8 | 1069.3 |
| 37.5° | 459.5 | 477.8 | 489.9 | 520.4 | 546.2 | 589.6 | 651.2 | 719.0 | 793.5 | 878.9 | 979.2 |
| 40° | 383.6 | 395.1 | 408.6 | 429.0 | 450.6 | 489.9 | 546.9 | 622.8 | 700.7 | 786.1 | 886.4 |
| 42.5° | 331.4 | 338.8 | 340.2 | 355.8 | 376.1 | 414.7 | 460.1 | 529.9 | 616.0 | 705.4 | 805.7 |
| 45° | 295.5 | 295.5 | 294.8 | 301.6 | 317.8 | 351.0 | 392.4 | 454.7 | 536.7 | 630.2 | 734.6 |
| 47.5° | 270.4 | 272.4 | 271.7 | 274.5 | 285.3 | 309.7 | 347.0 | 399.8 | 474.4 | 565.8 | 670.9 |
| 50° | 251.4 | 254.1 | 254.8 | 255.5 | 259.5 | 279.9 | 311.7 | 354.4 | 420.8 | 508.2 | 614.0 |
| 52.5° | 236.5 | 237.2 | 237.2 | 236.5 | 237.9 | 249.4 | 275.8 | 315.1 | 376.8 | 455.4 | 557.0 |
| 55° | 228.4 | 229.0 | 229.0 | 229.0 | 229.0 | 236.5 | 255.5 | 287.3 | 336.8 | 410.7 | 502.8 |
| 57.5° | 218.9 | 218.9 | 220.2 | 220.2 | 220.2 | 223.0 | 236.5 | 262.9 | 300.9 | 359.8 | 441.8 |
| 60° | 210.8 | 212.8 | 215.5 | 216.2 | 215.5 | 215.5 | 222.3 | 239.9 | 265.0 | 307.7 | 376.8 |
| 62.5° | 198.6 | 201.3 | 204.7 | 206.0 | 206.7 | 205.3 | 208.7 | 216.2 | 231.1 | 253.4 | 300.2 |
| 63° | 196.5 | 199.2 | 201.9 | 203.3 | 204.0 | 202.6 | 205.3 | 211.4 | 223.6 | 241.9 | 283.9 |
| 65° | 187.7 | 191.1 | 191.8 | 192.5 | 191.8 | 191.1 | 190.4 | 190.4 | 193.8 | 200.6 | 223.0 |
| 67.5° | 175.5 | 177.5 | 177.5 | 178.9 | 175.5 | 174.2 | 172.8 | 171.4 | 169.4 | 170.1 | 178.2 |
| 70° | 161.3 | 162.6 | 162.0 | 161.3 | 159.9 | 157.9 | 156.5 | 154.5 | 150.4 | 149.1 | 153.2 |
| 72.5° | 145.0 | 146.4 | 146.4 | 146.4 | 143.7 | 142.3 | 141.0 | 139.6 | 138.2 | 139.6 | 141.0 |
| 75° | 130.1 | 130.1 | 131.5 | 130.8 | 128.8 | 127.4 | 126.7 | 126.0 | 126.0 | 126.0 | 125.4 |
| 77.5° | 115.9 | 115.2 | 115.2 | 113.2 | 111.8 | 111.1 | 112.5 | 113.2 | 112.5 | 111.1 | 110.5 |
| 80° | 103.7 | 100.3 | 96.9 | 94.2 | 93.5 | 94.9 | 96.2 | 100.3 | 98.3 | 98.3 | 96.9 |
| 82.5° | 88.1 | 80.6 | 75.9 | 76.6 | 74.5 | 75.2 | 76.6 | 81.3 | 80.0 | 80.6 | 83.4 |
| 85° | 70.5 | 63.7 | 56.2 | 57.6 | 57.6 | 56.2 | 59.6 | 61.0 | 62.3 | 65.7 | 63.0 |
| 87.5° | 49.5 | 43.4 | 35.9 | 31.2 | 32.5 | 33.9 | 35.2 | 33.9 | 29.8 | 31.2 | 30.5 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P146116
 CATALOG NUMBER: LDRC-SLR-F04-E-7050

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1120.9 | 1120.9 | 1120.9 | 1120.9 | 1120.9 | 1120.9 | 1120.9 | 1120.9 | 1120.9 | 1120.9 | 1120.9 |
| 2.5° | 1130.3 | 1131.0 | 1131.0 | 1126.3 | 1124.9 | 1126.3 | 1125.6 | 1125.6 | 1121.5 | 1122.2 | 1120.9 |
| 5° | 1171.7 | 1173.0 | 1169.0 | 1165.6 | 1160.8 | 1160.2 | 1159.5 | 1156.8 | 1154.1 | 1148.6 | 1145.9 |
| 7.5° | 1215.7 | 1209.6 | 1208.3 | 1202.2 | 1200.1 | 1194.7 | 1190.6 | 1186.6 | 1183.2 | 1180.5 | 1178.5 |
| 10° | 1243.5 | 1238.8 | 1237.4 | 1226.6 | 1223.2 | 1216.4 | 1212.3 | 1207.6 | 1203.5 | 1199.5 | 1198.8 |
| 12.5° | 1268.6 | 1260.4 | 1255.7 | 1240.8 | 1234.0 | 1226.6 | 1223.2 | 1219.1 | 1217.8 | 1217.1 | 1219.8 |
| 15° | 1288.2 | 1276.7 | 1267.9 | 1254.3 | 1248.9 | 1244.9 | 1245.5 | 1243.5 | 1251.6 | 1256.4 | 1265.2 |
| 17.5° | 1301.1 | 1296.4 | 1294.3 | 1284.2 | 1287.6 | 1287.6 | 1297.0 | 1301.8 | 1316.7 | 1328.9 | 1341.1 |
| 20° | 1307.9 | 1316.7 | 1333.6 | 1337.0 | 1345.2 | 1354.0 | 1368.2 | 1376.3 | 1391.9 | 1409.5 | 1426.5 |
| 22.5° | 1314.0 | 1351.3 | 1385.8 | 1411.6 | 1429.9 | 1450.2 | 1460.4 | 1477.3 | 1488.1 | 1501.0 | 1526.8 |
| 25° | 1347.9 | 1410.2 | 1471.2 | 1504.4 | 1547.8 | 1576.9 | 1600.0 | 1616.9 | 1635.9 | 1646.7 | 1675.9 |
| 27.5° | 1338.4 | 1417.7 | 1499.0 | 1560.0 | 1627.7 | 1682.6 | 1731.4 | 1764.0 | 1788.3 | 1827.7 | 1852.0 |
| 30° | 1295.0 | 1387.2 | 1485.4 | 1572.2 | 1667.0 | 1756.5 | 1841.2 | 1917.1 | 1982.2 | 2035.0 | 2070.9 |
| 32.5° | 1233.3 | 1339.1 | 1454.3 | 1561.3 | 1682.6 | 1801.9 | 1923.9 | 2039.8 | 2150.2 | 2237.6 | 2292.5 |
| 35° | 1164.2 | 1278.1 | 1405.5 | 1532.2 | 1677.9 | 1833.7 | 1998.4 | 2154.3 | 2314.2 | 2453.8 | 2563.6 |
| 37.5° | 1080.2 | 1203.5 | 1343.1 | 1490.2 | 1657.6 | 1844.6 | 2052.0 | 2264.1 | 2468.0 | 2679.5 | 2834.0 |
| 40° | 992.1 | 1112.7 | 1257.7 | 1425.8 | 1618.9 | 1839.2 | 2093.3 | 2368.4 | 2663.9 | 2936.3 | 3171.5 |
| 42.5° | 916.9 | 1034.8 | 1186.6 | 1352.6 | 1560.7 | 1818.8 | 2121.1 | 2461.9 | 2825.8 | 3178.9 | 3491.3 |
| 45° | 843.0 | 969.1 | 1122.2 | 1297.7 | 1524.7 | 1810.7 | 2157.0 | 2543.3 | 2958.7 | 3377.5 | 3775.9 |
| 47.5° | 784.7 | 909.4 | 1063.9 | 1252.3 | 1495.6 | 1806.0 | 2190.9 | 2619.2 | 3067.1 | 3525.2 | 3997.5 |
| 50° | 729.2 | 848.4 | 998.9 | 1197.4 | 1465.1 | 1798.5 | 2211.2 | 2679.5 | 3151.8 | 3641.1 | 4154.7 |
| 52.5° | 672.2 | 796.3 | 942.6 | 1135.1 | 1425.1 | 1783.6 | 2217.3 | 2726.9 | 3239.2 | 3752.2 | 4301.8 |
| 55° | 614.6 | 738.6 | 885.0 | 1084.3 | 1370.9 | 1754.5 | 2212.6 | 2761.5 | 3330.7 | 3869.4 | 4436.0 |
| 57.5° | 544.2 | 666.1 | 819.3 | 1019.9 | 1301.1 | 1696.2 | 2189.5 | 2776.4 | 3387.6 | 3979.2 | 4570.8 |
| 60° | 464.9 | 580.1 | 725.1 | 929.8 | 1215.7 | 1612.2 | 2138.0 | 2755.4 | 3413.4 | 4051.7 | 4713.8 |
| 62.5° | 365.3 | 465.6 | 599.1 | 802.4 | 1091.7 | 1490.9 | 2025.5 | 2662.5 | 3351.0 | 4033.4 | 4775.5 |
| 63° | 342.9 | 439.8 | 577.4 | 768.5 | 1055.1 | 1448.8 | 1992.3 | 2630.7 | 3323.2 | 4016.5 | 4768.0 |
| 65° | 261.6 | 333.4 | 447.3 | 618.0 | 891.8 | 1255.0 | 1817.5 | 2450.4 | 3148.4 | 3847.8 | 4650.8 |
| 67.5° | 193.1 | 230.4 | 300.2 | 414.7 | 627.5 | 976.5 | 1489.5 | 2116.3 | 2777.1 | 3434.4 | 4251.6 |
| 70° | 159.9 | 174.2 | 206.7 | 265.6 | 388.3 | 647.8 | 1052.4 | 1610.8 | 2232.2 | 2798.1 | 3536.0 |
| 72.5° | 143.0 | 153.2 | 168.1 | 194.5 | 245.3 | 380.2 | 684.4 | 1045.6 | 1554.6 | 2043.8 | 2667.3 |
| 75° | 128.1 | 134.9 | 147.1 | 162.6 | 185.7 | 237.9 | 361.9 | 620.1 | 950.1 | 1377.0 | 1829.7 |
| 77.5° | 112.5 | 119.3 | 131.5 | 143.7 | 158.6 | 180.9 | 224.3 | 353.1 | 568.6 | 803.7 | 1122.9 |
| 80° | 97.6 | 101.0 | 111.1 | 128.8 | 139.6 | 157.9 | 172.1 | 220.9 | 309.7 | 420.8 | 598.4 |
| 82.5° | 80.6 | 81.3 | 88.1 | 101.6 | 115.2 | 122.0 | 126.0 | 138.9 | 178.2 | 222.3 | 293.4 |
| 85° | 57.6 | 54.9 | 59.0 | 64.4 | 75.2 | 69.1 | 73.9 | 77.9 | 94.9 | 114.5 | 210.1 |
| 87.5° | 25.8 | 20.3 | 23.7 | 26.4 | 23.7 | 16.3 | 23.7 | 19.7 | 24.4 | 48.1 | 54.2 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P146116
 CATALOG NUMBER: LDRC-SLR-F04-E-7050

REPORT N
 CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° | |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 0° | 1120.9 | 1120.9 | 1120.9 | 1120.9 | 1120.9 | 1120.9 | 1120.9 | 1120.9 | 1120.9 | 1120.9 | 1120.9 | 0° |
| 2.5° | 1122.2 | 1118.1 | 1118.1 | 1117.5 | 1118.1 | 1116.8 | 1114.1 | 1114.1 | 1116.1 | 1115.4 | 1115.4 | 2.5° |
| 5° | 1145.9 | 1140.5 | 1139.1 | 1138.5 | 1138.5 | 1135.1 | 1131.0 | 1129.0 | 1128.3 | 1125.6 | 1123.6 | 5° |
| 7.5° | 1177.1 | 1173.7 | 1175.7 | 1171.7 | 1170.3 | 1169.6 | 1164.2 | 1160.2 | 1154.1 | 1151.3 | 1141.2 | 7.5° |
| 10° | 1202.8 | 1200.8 | 1206.2 | 1205.6 | 1206.2 | 1206.2 | 1198.8 | 1194.7 | 1185.9 | 1181.2 | 1168.3 | 10° |
| 12.5° | 1225.2 | 1226.6 | 1236.7 | 1236.7 | 1238.8 | 1241.5 | 1237.4 | 1228.6 | 1225.2 | 1220.5 | 1206.9 | 12.5° |
| 15° | 1282.1 | 1287.6 | 1295.0 | 1307.2 | 1310.6 | 1311.3 | 1314.7 | 1307.2 | 1298.4 | 1286.2 | 1269.9 | 15° |
| 17.5° | 1359.4 | 1370.2 | 1395.3 | 1412.9 | 1416.3 | 1419.7 | 1417.7 | 1416.3 | 1400.0 | 1389.9 | 1372.9 | 17.5° |
| 20° | 1456.3 | 1482.7 | 1518.0 | 1542.4 | 1553.2 | 1554.6 | 1568.1 | 1558.6 | 1543.7 | 1523.4 | 1499.0 | 20° |
| 22.5° | 1564.7 | 1608.8 | 1653.5 | 1689.4 | 1710.4 | 1719.9 | 1734.1 | 1720.6 | 1700.9 | 1688.7 | 1656.2 | 22.5° |
| 25° | 1713.1 | 1761.2 | 1812.7 | 1841.2 | 1894.7 | 1910.3 | 1918.5 | 1914.4 | 1894.1 | 1902.9 | 1873.1 | 25° |
| 27.5° | 1916.4 | 1957.8 | 2030.3 | 2066.2 | 2116.3 | 2145.5 | 2139.4 | 2173.3 | 2179.4 | 2200.4 | 2203.8 | 27.5° |
| 30° | 2138.0 | 2206.5 | 2304.0 | 2376.6 | 2453.1 | 2502.6 | 2541.9 | 2571.7 | 2606.3 | 2664.6 | 2699.8 | 30° |
| 32.5° | 2377.2 | 2476.2 | 2600.9 | 2754.7 | 2917.3 | 3050.1 | 3199.9 | 3225.7 | 3302.9 | 3280.6 | 3265.6 | 32.5° |
| 35° | 2643.6 | 2768.2 | 2928.2 | 3130.1 | 3366.6 | 3586.2 | 3730.5 | 3803.0 | 3833.5 | 3850.5 | 3747.5 | 35° |
| 37.5° | 3000.0 | 3168.7 | 3347.0 | 3567.2 | 3748.1 | 3953.5 | 4119.5 | 4299.8 | 4382.4 | 4343.1 | 4145.9 | 37.5° |
| 40° | 3395.1 | 3553.0 | 3794.2 | 3974.5 | 4187.9 | 4526.1 | 4751.1 | 4967.9 | 5035.7 | 4904.9 | 4595.9 | 40° |
| 42.5° | 3791.5 | 4008.4 | 4269.9 | 4526.1 | 4771.4 | 5077.7 | 5375.9 | 5590.0 | 5664.6 | 5440.9 | 5074.3 | 42.5° |
| 45° | 4144.6 | 4422.4 | 4730.1 | 4993.0 | 5335.9 | 5736.4 | 6101.7 | 6273.8 | 6260.2 | 5901.1 | 5488.4 | 45° |
| 47.5° | 4452.2 | 4812.7 | 5159.7 | 5514.1 | 5859.7 | 6311.7 | 6673.6 | 6871.5 | 6731.2 | 6353.7 | 5886.2 | 47.5° |
| 50° | 4706.4 | 5142.1 | 5560.9 | 5968.2 | 6392.4 | 6872.8 | 7221.8 | 7404.8 | 7191.3 | 6713.6 | 6191.1 | 50° |
| 52.5° | 4899.5 | 5439.6 | 5922.1 | 6377.5 | 6884.4 | 7403.4 | 7713.8 | 7824.3 | 7491.5 | 6992.1 | 6419.5 | 52.5° |
| 55° | 5081.8 | 5692.3 | 6226.3 | 6743.4 | 7374.3 | 7839.9 | 8130.6 | 8110.2 | 7680.6 | 7113.4 | 6562.5 | 55° |
| 57.5° | 5219.3 | 5907.8 | 6476.4 | 7065.3 | 7745.0 | 8242.4 | 8410.4 | 8276.3 | 7759.2 | 7149.3 | 6603.8 | 57.5° |
| 60° | 5392.8 | 6075.9 | 6698.7 | 7356.0 | 8097.4 | 8518.2 | 8540.6 | 8300.0 | 7736.8 | 7081.6 | 6545.5 | 60° |
| 62.5° | 5504.0 | 6180.9 | 6840.3 | 7555.2 | 8365.7 | 8673.4 | 8513.4 | 8197.7 | 7608.1 | 6914.2 | 6412.0 | 62.5° |
| 63° | 5514.8 | 6191.1 | 6851.8 | 7574.9 | 8403.7 | 8680.2 | 8488.4 | 8151.6 | 7570.1 | 6868.1 | 6376.8 | 63° |
| 65° | 5466.0 | 6162.0 | 6799.0 | 7539.7 | 8413.2 | 8600.2 | 8304.7 | 7962.5 | 7360.7 | 6632.9 | 6169.4 | 65° |
| 67.5° | 5125.1 | 5848.9 | 6456.7 | 7151.4 | 8047.2 | 8150.9 | 7854.8 | 7482.7 | 6917.6 | 6126.1 | 5716.1 | 67.5° |
| 70° | 4514.6 | 5202.4 | 5633.4 | 6278.5 | 7066.6 | 7190.7 | 6925.7 | 6637.7 | 6135.5 | 5474.1 | 5134.0 | 70° |
| 72.5° | 3637.0 | 4312.6 | 4571.5 | 5065.5 | 5691.7 | 5664.6 | 5478.2 | 5442.3 | 5178.0 | 4623.0 | 4418.3 | 72.5° |
| 75° | 2718.8 | 3361.9 | 3471.0 | 3672.2 | 4021.9 | 4013.1 | 4056.5 | 4211.0 | 4343.1 | 4015.1 | 3752.9 | 75° |
| 77.5° | 1793.1 | 2432.8 | 2500.6 | 2735.0 | 2831.9 | 3097.6 | 3409.3 | 3797.6 | 3990.1 | 3855.9 | 3534.0 | 77.5° |
| 80° | 992.1 | 1664.3 | 1650.8 | 1742.3 | 1913.7 | 2300.0 | 2772.3 | 3349.0 | 3733.9 | 3637.7 | 3285.3 | 80° |
| 82.5° | 515.7 | 1051.7 | 1036.1 | 1052.4 | 1211.7 | 1536.3 | 1895.4 | 2367.1 | 2764.9 | 2773.7 | 2655.1 | 82.5° |
| 85° | 383.6 | 754.9 | 799.6 | 836.2 | 941.9 | 1055.1 | 1120.9 | 1272.0 | 1490.2 | 1693.5 | 1766.0 | 85° |
| 87.5° | 141.0 | 453.4 | 564.5 | 606.5 | 609.2 | 595.0 | 484.5 | 533.3 | 485.2 | 574.0 | 801.7 | 87.5° |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 90° |



NUMBER: P146116

NUMBER: LDRC-SLR-F04-E-7050

DISTRIBUTION (continued):

| 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|
| 1120.9 | 1120.9 | 1120.9 | 1120.9 | 1120.9 | 1120.9 | 1120.9 |
| 1116.8 | 1116.8 | 1116.1 | 1117.5 | 1118.1 | 1120.2 | 1119.5 |
| 1121.5 | 1119.5 | 1117.5 | 1116.1 | 1114.8 | 1115.4 | 1114.1 |
| 1133.7 | 1126.9 | 1121.5 | 1116.8 | 1112.7 | 1112.0 | 1108.0 |
| 1160.8 | 1148.6 | 1138.5 | 1131.0 | 1122.9 | 1118.8 | 1111.4 |
| 1195.4 | 1181.8 | 1169.0 | 1158.1 | 1148.6 | 1143.2 | 1137.8 |
| 1255.7 | 1236.1 | 1220.5 | 1208.9 | 1199.5 | 1193.4 | 1187.9 |
| 1345.2 | 1320.8 | 1297.0 | 1274.7 | 1272.0 | 1257.7 | 1257.7 |
| 1468.5 | 1435.3 | 1404.8 | 1385.8 | 1377.0 | 1358.0 | 1358.0 |
| 1639.3 | 1606.7 | 1561.3 | 1538.3 | 1540.3 | 1524.1 | 1531.5 |
| 1860.2 | 1833.1 | 1786.3 | 1776.8 | 1776.8 | 1759.2 | 1732.8 |
| 2191.6 | 2182.1 | 2130.6 | 2143.4 | 2116.3 | 2050.6 | 1979.4 |
| 2683.5 | 2683.5 | 2583.9 | 2512.1 | 2449.7 | 2347.4 | 2222.0 |
| 3176.2 | 3111.8 | 2959.3 | 2837.4 | 2707.9 | 2551.4 | 2390.1 |
| 3592.3 | 3420.8 | 3266.3 | 3117.2 | 2922.7 | 2754.7 | 2528.4 |
| 3943.3 | 3780.7 | 3603.8 | 3376.8 | 3148.4 | 2913.9 | 2623.2 |
| 4378.4 | 4180.5 | 3914.8 | 3629.5 | 3349.0 | 3026.4 | 2689.6 |
| 4776.2 | 4528.1 | 4192.7 | 3831.5 | 3474.4 | 3114.5 | 2721.5 |
| 5150.2 | 4830.4 | 4416.3 | 3982.6 | 3576.0 | 3168.7 | 2735.0 |
| 5502.6 | 5073.6 | 4591.8 | 4090.4 | 3645.8 | 3197.9 | 2731.6 |
| 5735.0 | 5251.9 | 4702.3 | 4155.4 | 3687.8 | 3208.0 | 2722.2 |
| 5880.7 | 5361.0 | 4767.3 | 4191.3 | 3708.8 | 3210.1 | 2721.5 |
| 5962.7 | 5422.6 | 4802.6 | 4216.4 | 3731.9 | 3222.3 | 2737.7 |
| 6026.4 | 5471.4 | 4841.9 | 4259.1 | 3786.8 | 3279.2 | 2803.5 |
| 6086.7 | 5599.5 | 4944.2 | 4337.7 | 3882.3 | 3385.6 | 2947.8 |
| 6111.8 | 5842.8 | 5152.3 | 4482.7 | 4015.8 | 3556.4 | 3172.8 |
| 6109.8 | 5888.9 | 5212.6 | 4522.7 | 4051.1 | 3601.8 | 3230.4 |
| 6035.9 | 6035.2 | 5487.0 | 4713.8 | 4215.0 | 3811.8 | 3471.0 |
| 5817.0 | 6108.4 | 5790.6 | 4965.9 | 4469.8 | 4158.1 | 3832.8 |
| 5470.8 | 6019.7 | 5831.9 | 5032.3 | 4650.8 | 4475.9 | 4074.1 |
| 4874.4 | 5595.4 | 5445.0 | 4749.0 | 4589.1 | 4538.3 | 4080.2 |
| 3942.6 | 4498.3 | 4433.9 | 4057.2 | 4116.1 | 4220.5 | 3644.5 |
| 3176.2 | 3158.6 | 3149.1 | 3012.2 | 3262.9 | 3475.0 | 2709.3 |
| 2653.0 | 2185.5 | 2029.6 | 1976.7 | 2390.1 | 2552.7 | 1681.3 |
| 2480.2 | 1963.2 | 1574.9 | 1508.5 | 1791.1 | 1877.8 | 1013.8 |
| 1895.4 | 1906.3 | 1650.1 | 1414.3 | 1393.3 | 1275.4 | 742.7 |
| 927.7 | 943.3 | 996.8 | 910.1 | 780.7 | 658.0 | 233.8 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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