

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: P146101

Luminaire Tested: **LDRC-SLR-E03-E-7050**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P146101
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-E03-E-7050
Description: RC LED ROADWAY SMALL CUTOFF COBRAHEAD LUMINAIRE
(3) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT
Light Source: (63) 5000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8291.2 lumens
Efficiency: N/A
Efficacy: 110.3 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B1 - U0 - G3

Input Watts (W): 75.2
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

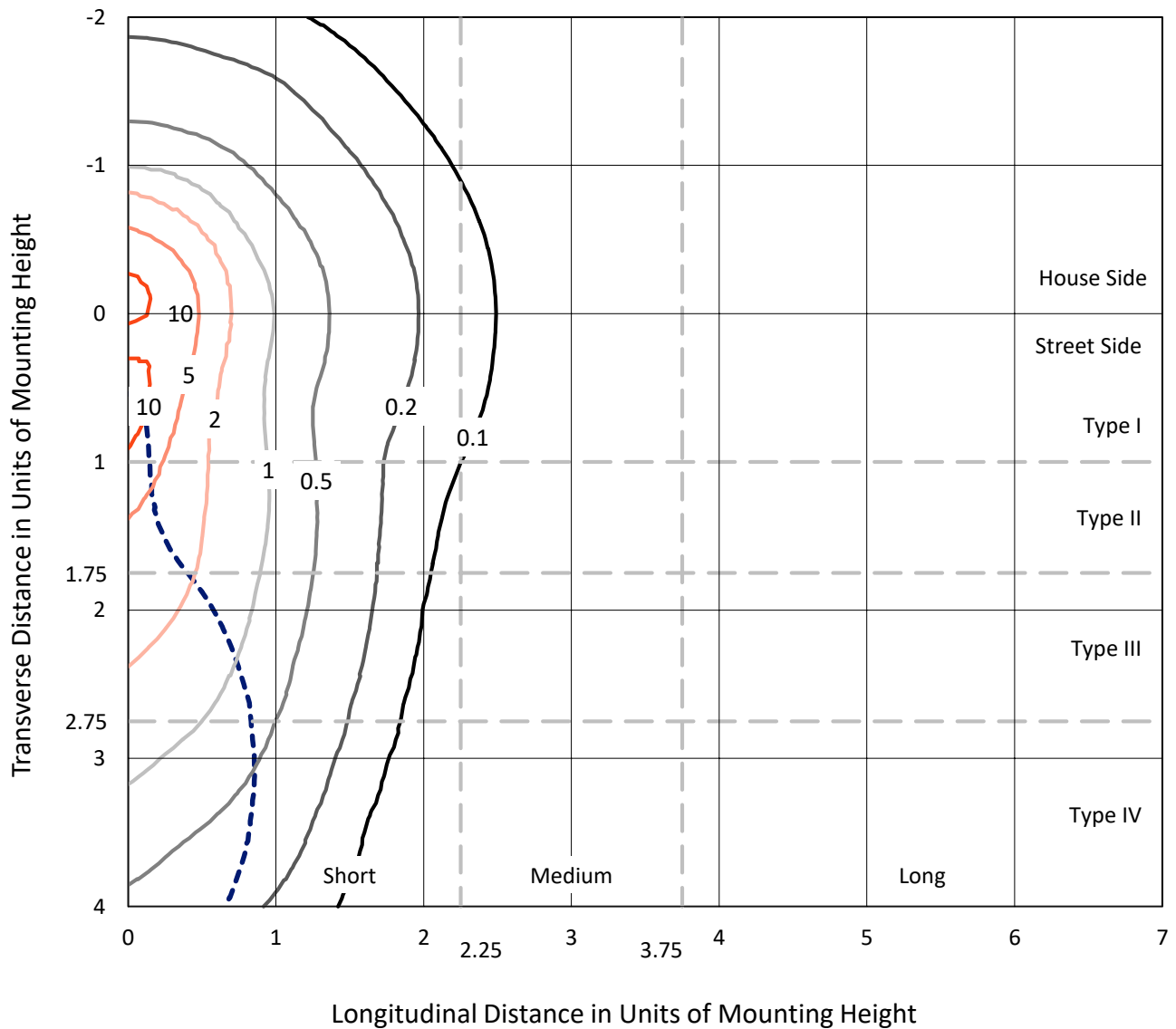


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Iso-Footcandle Lines of Horizontal Illumination

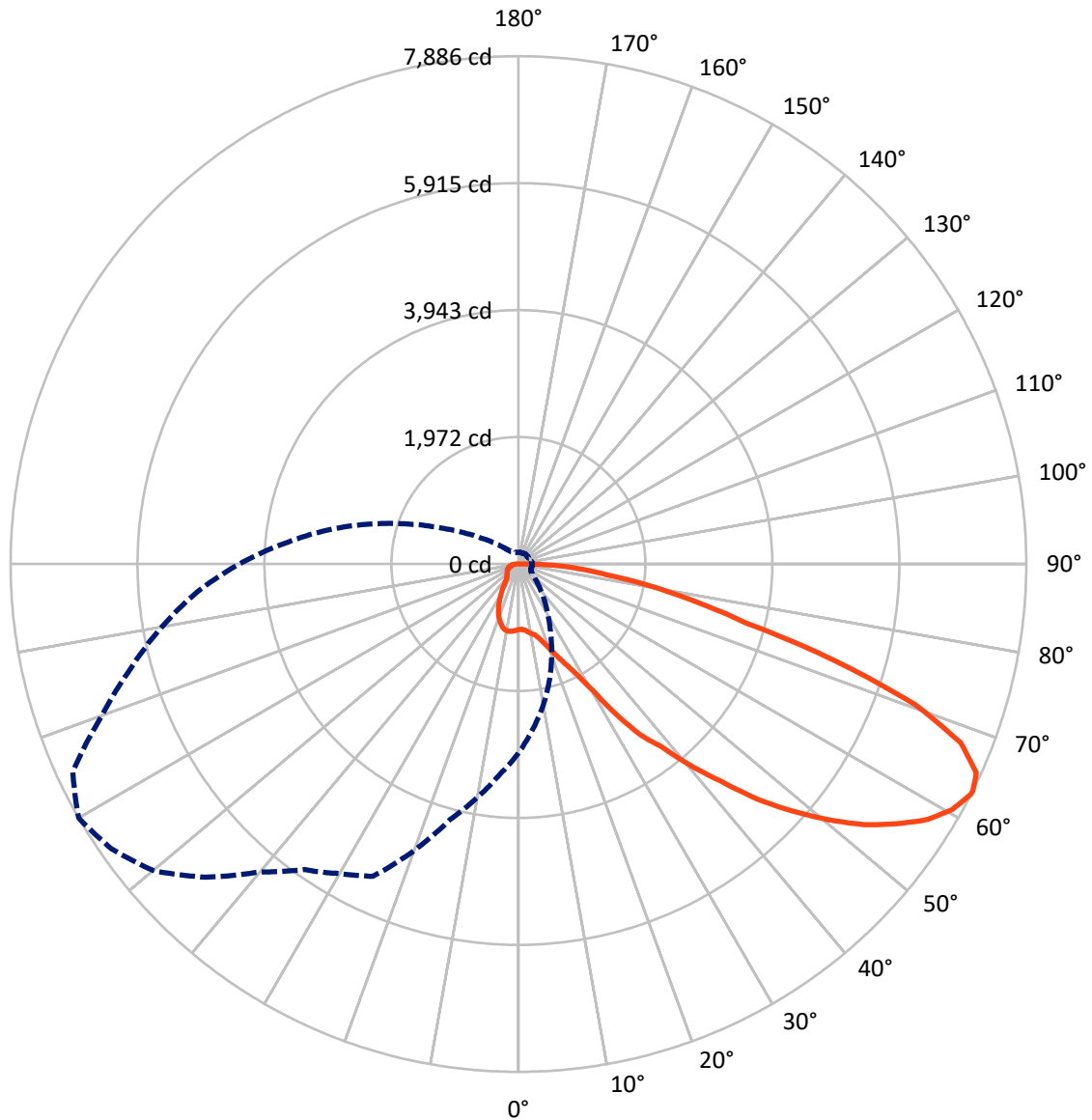
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 13.1 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 | 1735.6 | 0.0 | 1735.6 |
| | % Fixture | 20.9 | 0.0 | 20.9 |
| Street Side | Lumens | 6555.7 | 0.0 | 6555.7 |
| | % Fixture | 79.1 | 0.0 | 79.1 |
| Total | Lumens | 8291.2 | 0.0 | 8291.2 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 100.0 | 1.2 |
| 10°-20° | 312.1 | 3.8 |
| 20°-30° | 552.0 | 6.7 |
| 30°-40° | 871.4 | 10.5 |
| 40°-50° | 1281.4 | 15.5 |
| 50°-60° | 1688.0 | 20.4 |
| 60°-70° | 1881.4 | 22.7 |
| 70°-80° | 1236.2 | 14.9 |
| 80°-90° | 368.6 | 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° | 8291.2 | 100.0 |
| 0°-180° | 8291.2 | 100.0 |



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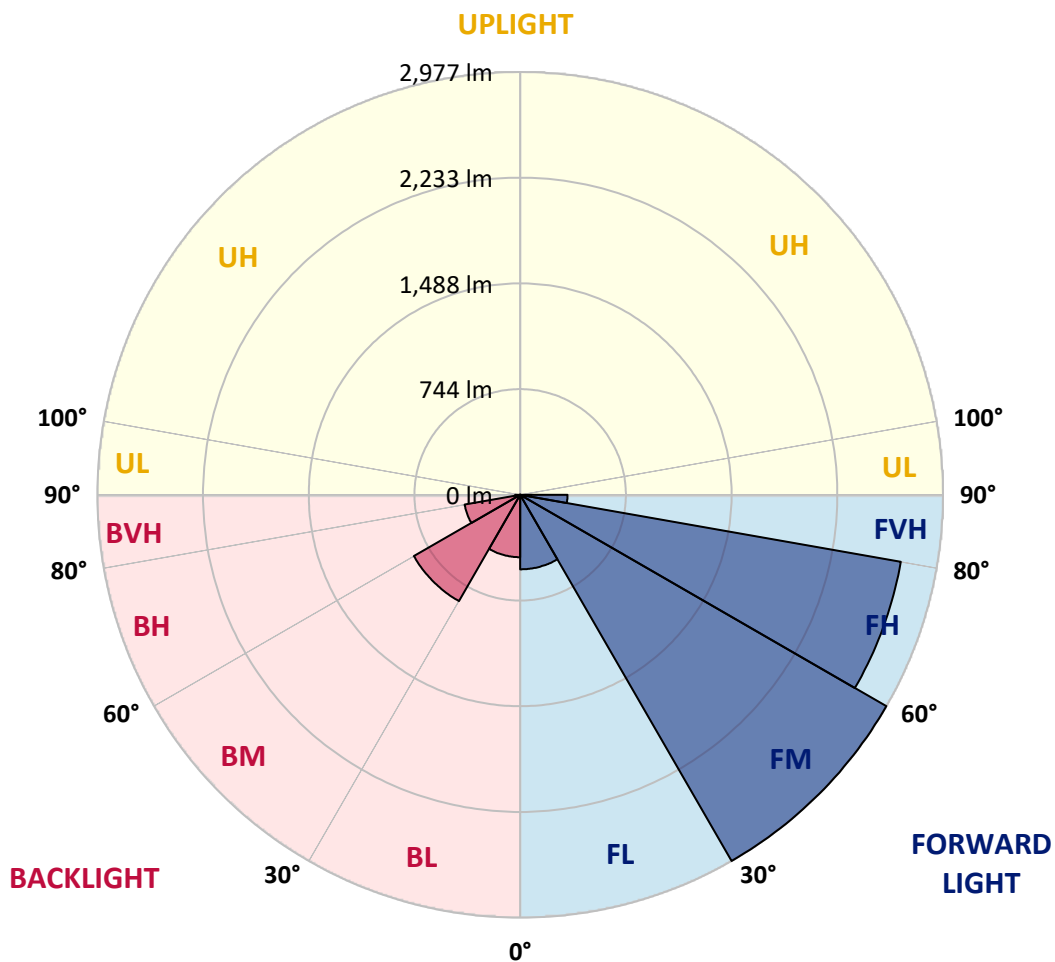
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 524.8 | 6.3 | | | |
| FM | (30°-60°) | 2976.8 | 35.9 | | | |
| FH | (60°-80°) | 2720.9 | 32.8 | | | G2/5000 |
| FVH | (80°-90°) | 333.2 | 4.0 | | | G3/500 |
| BL | (0°-30°) | 439.4 | 5.3 | B1/500 | | |
| BM | (30°-60°) | 864.1 | 10.4 | B1/1000 | | |
| BH | (60°-80°) | 396.7 | 4.8 | B1/500 | | G1/500 |
| BVH | (80°-90°) | 35.5 | 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° | 1018.3 | 1018.3 | 1018.3 | 1018.3 | 1018.3 | 1018.3 | 1018.3 | 1018.3 | 1018.3 | 1018.3 | 1018.3 |
| 2.5° | 1017.1 | 1018.9 | 1018.9 | 1017.1 | 1018.9 | 1018.3 | 1018.3 | 1020.2 | 1020.8 | 1023.8 | 1022.0 |
| 5° | 1012.2 | 1012.8 | 1013.4 | 1012.2 | 1012.8 | 1012.8 | 1014.0 | 1015.8 | 1016.5 | 1020.2 | 1018.3 |
| 7.5° | 1006.6 | 1007.8 | 1005.4 | 1006.0 | 1007.8 | 1010.3 | 1010.3 | 1012.8 | 1017.1 | 1018.9 | 1018.3 |
| 10° | 1009.7 | 1008.5 | 1006.6 | 1006.0 | 1007.2 | 1007.8 | 1009.1 | 1013.4 | 1017.1 | 1018.9 | 1022.0 |
| 12.5° | 1033.7 | 1030.0 | 1028.2 | 1027.5 | 1028.2 | 1026.9 | 1031.2 | 1032.5 | 1033.7 | 1036.2 | 1034.9 |
| 15° | 1079.3 | 1074.3 | 1071.3 | 1068.2 | 1074.9 | 1071.9 | 1071.9 | 1068.2 | 1062.0 | 1052.8 | 1041.1 |
| 17.5° | 1142.7 | 1137.1 | 1134.7 | 1133.4 | 1134.1 | 1128.5 | 1117.4 | 1099.6 | 1078.0 | 1053.4 | 1030.6 |
| 20° | 1233.8 | 1242.4 | 1238.7 | 1222.1 | 1215.9 | 1191.3 | 1156.2 | 1119.3 | 1081.7 | 1042.3 | 1004.8 |
| 22.5° | 1391.4 | 1386.5 | 1369.9 | 1328.6 | 1291.7 | 1236.3 | 1173.5 | 1113.7 | 1058.3 | 1001.1 | 951.8 |
| 25° | 1574.3 | 1533.0 | 1486.2 | 1404.9 | 1320.0 | 1228.9 | 1138.4 | 1067.6 | 993.7 | 930.9 | 871.8 |
| 27.5° | 1798.4 | 1709.1 | 1589.6 | 1457.3 | 1330.4 | 1209.2 | 1102.0 | 1008.5 | 924.1 | 857.0 | 791.1 |
| 30° | 2018.8 | 1869.8 | 1703.5 | 1528.1 | 1356.9 | 1193.2 | 1051.6 | 943.2 | 845.9 | 759.7 | 693.2 |
| 32.5° | 2171.4 | 1991.1 | 1784.2 | 1567.5 | 1359.4 | 1167.3 | 996.1 | 866.9 | 757.3 | 670.5 | 590.4 |
| 35° | 2297.0 | 2071.7 | 1812.5 | 1561.3 | 1320.0 | 1107.0 | 916.7 | 773.3 | 656.9 | 567.0 | 496.8 |
| 37.5° | 2383.2 | 2113.0 | 1810.7 | 1525.6 | 1249.8 | 1010.9 | 825.6 | 679.7 | 571.3 | 487.6 | 423.0 |
| 40° | 2443.6 | 2125.9 | 1786.7 | 1464.7 | 1169.1 | 918.0 | 728.3 | 595.3 | 500.5 | 435.3 | 388.5 |
| 42.5° | 2472.5 | 2117.3 | 1750.9 | 1406.8 | 1089.1 | 842.8 | 655.1 | 538.7 | 461.7 | 412.5 | 378.0 |
| 45° | 2484.8 | 2096.3 | 1710.9 | 1350.1 | 1023.8 | 778.2 | 617.5 | 521.5 | 461.1 | 418.7 | 381.1 |
| 47.5° | 2481.7 | 2073.6 | 1675.2 | 1303.4 | 985.1 | 761.0 | 624.9 | 544.9 | 483.9 | 431.0 | 382.9 |
| 50° | 2473.1 | 2052.6 | 1652.4 | 1286.1 | 984.4 | 786.8 | 666.1 | 584.3 | 510.4 | 442.0 | 381.1 |
| 52.5° | 2472.5 | 2050.8 | 1664.8 | 1306.4 | 1020.2 | 845.3 | 728.3 | 629.8 | 536.2 | 454.4 | 381.7 |
| 55° | 2487.3 | 2084.0 | 1717.1 | 1361.2 | 1106.3 | 927.2 | 798.5 | 678.5 | 565.2 | 463.0 | 379.9 |
| 57.5° | 2547.0 | 2167.1 | 1816.2 | 1483.7 | 1217.2 | 1026.9 | 866.2 | 714.8 | 576.3 | 460.5 | 371.2 |
| 60° | 2678.1 | 2313.0 | 1968.9 | 1656.7 | 1359.4 | 1118.0 | 906.3 | 727.1 | 571.3 | 445.7 | 352.8 |
| 62.5° | 2882.5 | 2524.2 | 2178.2 | 1826.7 | 1485.6 | 1172.8 | 915.5 | 717.2 | 551.6 | 421.1 | 330.0 |
| 63° | 2934.9 | 2572.9 | 2220.7 | 1861.8 | 1507.1 | 1178.4 | 914.9 | 713.6 | 546.1 | 415.0 | 324.5 |
| 65° | 3153.4 | 2781.6 | 2391.2 | 1977.5 | 1565.0 | 1189.5 | 900.7 | 690.2 | 521.5 | 386.0 | 299.2 |
| 67.5° | 3482.2 | 3011.8 | 2560.5 | 2085.3 | 1597.0 | 1169.8 | 856.4 | 632.3 | 458.1 | 335.5 | 261.7 |
| 70° | 3701.4 | 3164.5 | 2661.5 | 2120.3 | 1559.5 | 1079.9 | 754.8 | 530.1 | 374.3 | 276.4 | 223.5 |
| 72.5° | 3706.9 | 3027.8 | 2524.8 | 1938.1 | 1346.5 | 890.9 | 591.0 | 400.8 | 291.2 | 224.7 | 192.7 |
| 75° | 3311.0 | 2558.7 | 2063.7 | 1591.5 | 1036.2 | 629.8 | 415.6 | 292.4 | 223.5 | 185.3 | 166.8 |
| 77.5° | 2461.4 | 1866.7 | 1489.3 | 1070.6 | 672.9 | 408.2 | 289.4 | 216.7 | 177.3 | 153.3 | 139.8 |
| 80° | 1527.5 | 1166.7 | 903.8 | 640.3 | 403.3 | 271.5 | 211.8 | 172.4 | 149.0 | 128.1 | 117.0 |
| 82.5° | 921.0 | 653.2 | 510.4 | 386.6 | 258.0 | 195.8 | 163.2 | 145.3 | 126.2 | 107.7 | 99.1 |
| 85° | 674.8 | 467.3 | 342.3 | 238.9 | 159.5 | 129.3 | 114.5 | 110.8 | 97.9 | 83.1 | 78.2 |
| 87.5° | 212.4 | 222.9 | 231.5 | 141.0 | 77.0 | 58.5 | 49.9 | 58.5 | 56.0 | 39.4 | 43.1 |
| 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-E03-E-7050

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1018.3 | 1018.3 | 1018.3 | 1018.3 | 1018.3 | 1018.3 | 1018.3 | 1018.3 | 1018.3 | 1018.3 | 1018.3 |
| 2.5° | 1025.1 | 1027.5 | 1025.7 | 1025.7 | 1024.5 | 1023.8 | 1028.2 | 1026.9 | 1028.2 | 1027.5 | 1028.8 |
| 5° | 1021.4 | 1023.2 | 1022.0 | 1023.2 | 1022.0 | 1022.0 | 1027.5 | 1027.5 | 1030.0 | 1031.2 | 1034.3 |
| 7.5° | 1022.6 | 1023.2 | 1022.6 | 1024.5 | 1023.2 | 1022.0 | 1025.1 | 1026.9 | 1031.2 | 1034.9 | 1038.0 |
| 10° | 1026.9 | 1028.8 | 1028.2 | 1028.2 | 1024.5 | 1022.0 | 1023.8 | 1025.1 | 1029.4 | 1031.2 | 1034.9 |
| 12.5° | 1037.4 | 1034.9 | 1030.0 | 1026.9 | 1018.3 | 1013.4 | 1010.9 | 1009.7 | 1012.8 | 1015.2 | 1017.1 |
| 15° | 1034.9 | 1021.4 | 1010.3 | 1001.1 | 988.1 | 980.1 | 974.0 | 973.4 | 974.0 | 974.6 | 976.4 |
| 17.5° | 1009.7 | 991.2 | 969.1 | 957.4 | 942.6 | 934.0 | 929.7 | 926.6 | 926.0 | 927.2 | 930.3 |
| 20° | 973.4 | 946.3 | 921.6 | 901.3 | 885.3 | 871.8 | 874.9 | 868.1 | 871.2 | 873.0 | 878.6 |
| 22.5° | 918.0 | 880.4 | 852.1 | 827.5 | 808.4 | 794.2 | 794.2 | 788.0 | 789.3 | 794.8 | 802.2 |
| 25° | 828.1 | 793.0 | 752.3 | 735.1 | 713.6 | 703.7 | 701.9 | 700.6 | 705.6 | 712.3 | 716.6 |
| 27.5° | 746.8 | 698.8 | 658.8 | 636.0 | 613.2 | 615.7 | 603.4 | 610.7 | 616.3 | 621.8 | 626.7 |
| 30° | 637.2 | 597.8 | 561.5 | 538.7 | 511.6 | 512.2 | 514.1 | 515.3 | 520.2 | 527.6 | 537.5 |
| 32.5° | 531.9 | 489.5 | 455.6 | 431.0 | 415.0 | 410.0 | 403.3 | 414.3 | 420.5 | 427.9 | 437.7 |
| 35° | 445.1 | 400.8 | 372.5 | 350.9 | 341.7 | 334.9 | 333.1 | 331.8 | 337.4 | 341.1 | 349.1 |
| 37.5° | 382.9 | 352.8 | 331.8 | 316.5 | 307.8 | 300.4 | 298.6 | 297.4 | 296.7 | 295.5 | 300.4 |
| 40° | 357.7 | 333.7 | 315.8 | 301.7 | 293.7 | 289.4 | 287.5 | 285.1 | 282.6 | 279.5 | 278.9 |
| 42.5° | 350.3 | 324.5 | 303.5 | 289.4 | 283.2 | 282.6 | 282.6 | 281.4 | 278.9 | 274.6 | 271.5 |
| 45° | 347.2 | 315.8 | 291.8 | 280.7 | 276.4 | 277.0 | 277.0 | 277.0 | 275.2 | 270.9 | 266.0 |
| 47.5° | 341.7 | 305.4 | 280.7 | 271.5 | 269.7 | 270.9 | 272.1 | 272.1 | 270.9 | 267.2 | 261.7 |
| 50° | 331.2 | 289.4 | 263.5 | 254.9 | 254.3 | 254.9 | 254.9 | 256.1 | 254.9 | 251.8 | 246.9 |
| 52.5° | 323.2 | 277.0 | 250.6 | 243.8 | 243.8 | 243.2 | 242.6 | 242.6 | 242.0 | 239.5 | 235.8 |
| 55° | 315.8 | 269.0 | 245.0 | 239.5 | 240.7 | 240.7 | 239.5 | 238.9 | 236.4 | 233.3 | 229.6 |
| 57.5° | 305.4 | 260.4 | 239.5 | 235.8 | 237.0 | 236.4 | 235.8 | 235.2 | 232.7 | 229.0 | 224.1 |
| 60° | 286.9 | 245.0 | 228.4 | 225.9 | 227.8 | 228.4 | 230.9 | 231.5 | 230.3 | 225.9 | 219.2 |
| 62.5° | 266.6 | 225.9 | 213.6 | 211.8 | 213.6 | 215.5 | 217.3 | 216.1 | 216.1 | 211.8 | 205.6 |
| 63° | 259.8 | 222.9 | 209.3 | 209.3 | 211.2 | 213.0 | 214.3 | 213.0 | 213.6 | 208.7 | 202.6 |
| 65° | 244.4 | 211.8 | 201.3 | 201.9 | 203.8 | 205.0 | 205.6 | 205.6 | 205.0 | 201.3 | 195.8 |
| 67.5° | 218.6 | 195.8 | 189.6 | 192.7 | 195.2 | 195.8 | 195.8 | 197.0 | 195.8 | 193.3 | 188.4 |
| 70° | 195.2 | 180.4 | 176.1 | 179.8 | 181.0 | 181.6 | 181.6 | 181.6 | 180.4 | 177.9 | 173.6 |
| 72.5° | 177.3 | 169.9 | 169.3 | 168.7 | 169.3 | 167.5 | 167.5 | 166.2 | 163.2 | 161.3 | 157.6 |
| 75° | 157.6 | 153.9 | 154.5 | 153.9 | 152.7 | 152.1 | 149.0 | 147.8 | 144.1 | 141.6 | 136.7 |
| 77.5° | 135.4 | 136.1 | 135.4 | 136.1 | 137.3 | 137.9 | 133.6 | 130.5 | 127.4 | 125.0 | 122.5 |
| 80° | 112.7 | 113.9 | 112.7 | 113.9 | 114.5 | 114.5 | 110.2 | 105.3 | 102.8 | 104.7 | 105.3 |
| 82.5° | 100.4 | 100.4 | 95.4 | 96.7 | 95.4 | 93.6 | 90.5 | 88.7 | 86.8 | 85.6 | 88.7 |
| 85° | 79.4 | 80.0 | 81.3 | 80.0 | 77.6 | 75.7 | 72.6 | 70.2 | 68.3 | 70.2 | 74.5 |
| 87.5° | 47.4 | 51.1 | 49.3 | 49.3 | 48.6 | 48.6 | 46.2 | 44.9 | 43.1 | 50.5 | 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 |



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CATALOG NUMBER: LDRC-SLR-E03-E-7050

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1018.3 | 1018.3 | 1018.3 | 1018.3 | 1018.3 | 1018.3 | 1018.3 | 1018.3 | 1018.3 | 1018.3 | 1018.3 |
| 2.5° | 1028.2 | 1030.0 | 1030.6 | 1030.0 | 1030.6 | 1031.9 | 1026.9 | 1031.9 | 1032.5 | 1028.8 | 1030.0 |
| 5° | 1036.8 | 1039.9 | 1044.2 | 1044.2 | 1047.2 | 1049.1 | 1046.6 | 1053.4 | 1054.6 | 1054.0 | 1057.1 |
| 7.5° | 1042.9 | 1047.2 | 1052.8 | 1055.9 | 1061.4 | 1063.9 | 1065.7 | 1071.9 | 1073.1 | 1075.6 | 1078.0 |
| 10° | 1042.3 | 1048.5 | 1053.4 | 1062.0 | 1068.8 | 1073.7 | 1077.4 | 1084.2 | 1086.6 | 1090.3 | 1092.2 |
| 12.5° | 1024.5 | 1031.2 | 1040.5 | 1052.8 | 1065.1 | 1073.1 | 1083.0 | 1092.8 | 1096.5 | 1101.4 | 1104.5 |
| 15° | 984.4 | 990.0 | 1002.9 | 1018.9 | 1035.5 | 1055.9 | 1070.0 | 1085.4 | 1092.2 | 1097.1 | 1101.4 |
| 17.5° | 932.1 | 937.0 | 948.7 | 962.9 | 985.1 | 1004.8 | 1026.3 | 1049.7 | 1061.4 | 1066.9 | 1068.8 |
| 20° | 883.5 | 890.9 | 893.9 | 910.6 | 918.0 | 937.7 | 956.1 | 982.0 | 996.8 | 1006.6 | 1012.8 |
| 22.5° | 807.1 | 810.8 | 826.8 | 833.6 | 839.1 | 851.5 | 874.2 | 897.0 | 916.7 | 932.7 | 937.7 |
| 25° | 722.8 | 732.6 | 741.3 | 746.8 | 759.7 | 760.3 | 778.8 | 794.8 | 819.4 | 834.8 | 847.2 |
| 27.5° | 629.8 | 644.6 | 649.5 | 653.2 | 663.1 | 674.8 | 681.5 | 697.5 | 711.7 | 729.6 | 751.7 |
| 30° | 536.2 | 550.4 | 560.3 | 565.8 | 575.0 | 586.1 | 591.0 | 601.5 | 620.0 | 639.7 | 656.9 |
| 32.5° | 448.8 | 463.6 | 468.5 | 486.4 | 488.8 | 499.3 | 503.0 | 519.6 | 530.1 | 546.7 | 567.0 |
| 35° | 363.2 | 378.6 | 393.4 | 403.3 | 414.3 | 413.7 | 423.6 | 439.0 | 448.2 | 465.4 | 479.0 |
| 37.5° | 304.8 | 314.0 | 324.5 | 335.5 | 347.8 | 357.1 | 366.3 | 373.1 | 380.5 | 392.2 | 404.5 |
| 40° | 278.9 | 281.4 | 285.7 | 292.4 | 301.1 | 307.8 | 314.6 | 320.1 | 325.7 | 334.9 | 342.9 |
| 42.5° | 268.4 | 266.6 | 266.6 | 265.4 | 268.4 | 272.1 | 277.7 | 279.5 | 288.1 | 293.7 | 296.7 |
| 45° | 261.0 | 256.7 | 253.7 | 250.0 | 248.7 | 250.0 | 253.0 | 257.3 | 262.9 | 264.7 | 264.7 |
| 47.5° | 256.7 | 250.0 | 245.0 | 239.5 | 236.4 | 236.4 | 238.3 | 241.3 | 244.4 | 245.0 | 244.4 |
| 50° | 242.0 | 235.2 | 229.0 | 224.1 | 221.6 | 221.6 | 222.3 | 226.6 | 227.2 | 225.9 | 226.6 |
| 52.5° | 230.9 | 224.1 | 217.9 | 213.6 | 210.6 | 211.2 | 213.0 | 214.9 | 216.7 | 215.5 | 214.3 |
| 55° | 224.1 | 216.1 | 210.6 | 205.6 | 201.9 | 203.2 | 205.0 | 207.5 | 210.6 | 208.7 | 206.9 |
| 57.5° | 217.9 | 211.2 | 204.4 | 199.5 | 195.2 | 196.4 | 198.2 | 201.9 | 205.6 | 201.9 | 199.5 |
| 60° | 212.4 | 205.6 | 198.9 | 193.9 | 189.0 | 190.2 | 192.7 | 196.4 | 199.5 | 194.5 | 191.5 |
| 62.5° | 198.9 | 192.7 | 187.8 | 185.3 | 182.2 | 184.1 | 185.9 | 190.2 | 189.0 | 184.1 | 180.4 |
| 63° | 196.4 | 190.2 | 185.9 | 183.5 | 181.0 | 183.5 | 184.1 | 188.4 | 186.5 | 181.6 | 178.5 |
| 65° | 189.0 | 184.1 | 179.8 | 177.3 | 174.8 | 176.1 | 176.1 | 177.9 | 175.5 | 171.8 | 169.3 |
| 67.5° | 182.2 | 176.7 | 172.4 | 167.5 | 165.0 | 163.8 | 163.2 | 162.5 | 160.7 | 158.8 | 158.2 |
| 70° | 167.5 | 163.8 | 160.1 | 155.8 | 152.1 | 149.6 | 148.4 | 147.1 | 145.9 | 145.3 | 144.7 |
| 72.5° | 151.5 | 148.4 | 144.7 | 142.2 | 139.1 | 137.3 | 134.2 | 133.6 | 132.4 | 131.1 | 130.5 |
| 75° | 134.2 | 130.5 | 129.3 | 126.8 | 125.0 | 123.7 | 121.3 | 120.7 | 119.4 | 117.6 | 117.0 |
| 77.5° | 118.8 | 117.6 | 115.7 | 115.1 | 112.1 | 110.2 | 109.0 | 108.4 | 107.1 | 105.9 | 104.7 |
| 80° | 105.9 | 105.3 | 104.0 | 103.4 | 101.6 | 99.1 | 97.9 | 98.5 | 96.7 | 96.0 | 94.2 |
| 82.5° | 95.4 | 96.0 | 96.0 | 94.2 | 92.3 | 89.3 | 88.0 | 89.9 | 88.7 | 86.2 | 83.7 |
| 85° | 81.3 | 80.7 | 81.3 | 80.7 | 77.0 | 73.9 | 72.6 | 73.9 | 73.3 | 69.6 | 69.0 |
| 87.5° | 57.9 | 57.3 | 56.0 | 59.7 | 54.8 | 44.3 | 45.6 | 51.7 | 49.9 | 48.0 | 46.8 |
| 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-SLR-E03-E-7050

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1018.3 | 1018.3 | 1018.3 | 1018.3 | 1018.3 | 1018.3 | 1018.3 | 1018.3 | 1018.3 | 1018.3 | 1018.3 |
| 2.5° | 1032.5 | 1030.6 | 1031.9 | 1032.5 | 1030.6 | 1034.9 | 1030.6 | 1031.2 | 1032.5 | 1028.8 | 1028.2 |
| 5° | 1059.6 | 1059.6 | 1064.5 | 1065.1 | 1064.5 | 1070.0 | 1069.4 | 1070.0 | 1068.8 | 1068.2 | 1065.7 |
| 7.5° | 1081.7 | 1084.2 | 1087.9 | 1093.4 | 1095.3 | 1099.6 | 1100.8 | 1101.4 | 1103.9 | 1106.3 | 1105.1 |
| 10° | 1097.7 | 1104.5 | 1107.6 | 1113.1 | 1118.7 | 1121.7 | 1124.8 | 1129.7 | 1131.6 | 1133.4 | 1131.0 |
| 12.5° | 1108.8 | 1116.8 | 1121.7 | 1128.5 | 1135.3 | 1140.2 | 1145.7 | 1151.9 | 1158.1 | 1159.9 | 1156.8 |
| 15° | 1103.3 | 1112.5 | 1119.9 | 1127.3 | 1137.7 | 1147.0 | 1157.4 | 1168.5 | 1176.5 | 1179.6 | 1175.9 |
| 17.5° | 1068.8 | 1078.0 | 1089.1 | 1100.2 | 1111.3 | 1128.5 | 1143.3 | 1161.8 | 1174.7 | 1183.9 | 1185.2 |
| 20° | 1021.4 | 1026.9 | 1042.9 | 1054.0 | 1071.9 | 1092.2 | 1114.4 | 1135.9 | 1150.7 | 1167.3 | 1177.1 |
| 22.5° | 951.2 | 962.3 | 980.1 | 999.2 | 1017.1 | 1043.5 | 1066.9 | 1095.3 | 1120.5 | 1143.3 | 1164.8 |
| 25° | 865.6 | 881.0 | 901.9 | 928.4 | 951.8 | 980.1 | 1014.0 | 1045.4 | 1087.9 | 1123.6 | 1169.8 |
| 27.5° | 773.3 | 801.6 | 830.5 | 858.2 | 884.1 | 916.1 | 951.2 | 986.3 | 1034.9 | 1092.2 | 1152.5 |
| 30° | 685.8 | 709.2 | 745.6 | 777.6 | 807.8 | 847.2 | 883.5 | 922.3 | 968.4 | 1036.2 | 1104.5 |
| 32.5° | 594.7 | 613.8 | 642.1 | 681.5 | 716.6 | 762.8 | 794.8 | 841.0 | 894.6 | 966.0 | 1043.5 |
| 35° | 500.5 | 527.0 | 549.8 | 576.9 | 603.4 | 649.5 | 697.5 | 748.6 | 810.2 | 886.6 | 971.5 |
| 37.5° | 417.4 | 434.0 | 445.1 | 472.8 | 496.2 | 535.6 | 591.7 | 653.2 | 720.9 | 798.5 | 889.6 |
| 40° | 348.5 | 358.9 | 371.2 | 389.7 | 409.4 | 445.1 | 496.8 | 565.8 | 636.6 | 714.2 | 805.3 |
| 42.5° | 301.1 | 307.8 | 309.1 | 323.2 | 341.7 | 376.8 | 418.0 | 481.4 | 559.6 | 640.9 | 732.0 |
| 45° | 268.4 | 268.4 | 267.8 | 274.0 | 288.7 | 318.9 | 356.5 | 413.1 | 487.6 | 572.6 | 667.4 |
| 47.5° | 245.6 | 247.5 | 246.9 | 249.3 | 259.2 | 281.4 | 315.2 | 363.2 | 431.0 | 514.1 | 609.5 |
| 50° | 228.4 | 230.9 | 231.5 | 232.1 | 235.8 | 254.3 | 283.2 | 322.0 | 382.3 | 461.7 | 557.8 |
| 52.5° | 214.9 | 215.5 | 215.5 | 214.9 | 216.1 | 226.6 | 250.6 | 286.3 | 342.3 | 413.7 | 506.1 |
| 55° | 207.5 | 208.1 | 208.1 | 208.1 | 208.1 | 214.9 | 232.1 | 261.0 | 306.0 | 373.1 | 456.8 |
| 57.5° | 198.9 | 198.9 | 200.1 | 200.1 | 200.1 | 202.6 | 214.9 | 238.9 | 273.4 | 326.9 | 401.4 |
| 60° | 191.5 | 193.3 | 195.8 | 196.4 | 195.8 | 195.8 | 201.9 | 217.9 | 240.7 | 279.5 | 342.3 |
| 62.5° | 180.4 | 182.9 | 185.9 | 187.2 | 187.8 | 186.5 | 189.6 | 196.4 | 209.9 | 230.3 | 272.7 |
| 63° | 178.5 | 181.0 | 183.5 | 184.7 | 185.3 | 184.1 | 186.5 | 192.1 | 203.2 | 219.8 | 258.0 |
| 65° | 170.5 | 173.6 | 174.2 | 174.8 | 174.2 | 173.6 | 173.0 | 173.0 | 176.1 | 182.2 | 202.6 |
| 67.5° | 159.5 | 161.3 | 161.3 | 162.5 | 159.5 | 158.2 | 157.0 | 155.8 | 153.9 | 154.5 | 161.9 |
| 70° | 146.5 | 147.8 | 147.1 | 146.5 | 145.3 | 143.4 | 142.2 | 140.4 | 136.7 | 135.4 | 139.1 |
| 72.5° | 131.8 | 133.0 | 133.0 | 133.0 | 130.5 | 129.3 | 128.1 | 126.8 | 125.6 | 126.8 | 128.1 |
| 75° | 118.2 | 118.2 | 119.4 | 118.8 | 117.0 | 115.7 | 115.1 | 114.5 | 114.5 | 114.5 | 113.9 |
| 77.5° | 105.3 | 104.7 | 104.7 | 102.8 | 101.6 | 101.0 | 102.2 | 102.8 | 102.2 | 101.0 | 100.4 |
| 80° | 94.2 | 91.1 | 88.0 | 85.6 | 85.0 | 86.2 | 87.4 | 91.1 | 89.3 | 89.3 | 88.0 |
| 82.5° | 80.0 | 73.3 | 69.0 | 69.6 | 67.7 | 68.3 | 69.6 | 73.9 | 72.6 | 73.3 | 75.7 |
| 85° | 64.0 | 57.9 | 51.1 | 52.3 | 52.3 | 51.1 | 54.2 | 55.4 | 56.6 | 59.7 | 57.3 |
| 87.5° | 44.9 | 39.4 | 32.6 | 28.3 | 29.6 | 30.8 | 32.0 | 30.8 | 27.1 | 28.3 | 27.7 |
| 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-E03-E-7050

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1018.3 | 1018.3 | 1018.3 | 1018.3 | 1018.3 | 1018.3 | 1018.3 | 1018.3 | 1018.3 | 1018.3 | 1018.3 |
| 2.5° | 1026.9 | 1027.5 | 1027.5 | 1023.2 | 1022.0 | 1023.2 | 1022.6 | 1022.6 | 1018.9 | 1019.5 | 1018.3 |
| 5° | 1064.5 | 1065.7 | 1062.0 | 1058.9 | 1054.6 | 1054.0 | 1053.4 | 1050.9 | 1048.5 | 1043.5 | 1041.1 |
| 7.5° | 1104.5 | 1099.0 | 1097.7 | 1092.2 | 1090.3 | 1085.4 | 1081.7 | 1078.0 | 1074.9 | 1072.5 | 1070.6 |
| 10° | 1129.7 | 1125.4 | 1124.2 | 1114.4 | 1111.3 | 1105.1 | 1101.4 | 1097.1 | 1093.4 | 1089.7 | 1089.1 |
| 12.5° | 1152.5 | 1145.1 | 1140.8 | 1127.3 | 1121.1 | 1114.4 | 1111.3 | 1107.6 | 1106.3 | 1105.7 | 1108.2 |
| 15° | 1170.4 | 1159.9 | 1151.9 | 1139.6 | 1134.7 | 1131.0 | 1131.6 | 1129.7 | 1137.1 | 1141.4 | 1149.4 |
| 17.5° | 1182.1 | 1177.8 | 1175.9 | 1166.7 | 1169.8 | 1169.8 | 1178.4 | 1182.7 | 1196.2 | 1207.3 | 1218.4 |
| 20° | 1188.2 | 1196.2 | 1211.6 | 1214.7 | 1222.1 | 1230.1 | 1243.0 | 1250.4 | 1264.6 | 1280.6 | 1296.0 |
| 22.5° | 1193.8 | 1227.6 | 1259.0 | 1282.4 | 1299.0 | 1317.5 | 1326.8 | 1342.1 | 1352.0 | 1363.7 | 1387.1 |
| 25° | 1224.6 | 1281.2 | 1336.6 | 1366.8 | 1406.2 | 1432.6 | 1453.6 | 1469.0 | 1486.2 | 1496.1 | 1522.5 |
| 27.5° | 1215.9 | 1288.0 | 1361.8 | 1417.3 | 1478.8 | 1528.7 | 1573.0 | 1602.6 | 1624.7 | 1660.4 | 1682.6 |
| 30° | 1176.5 | 1260.3 | 1349.5 | 1428.3 | 1514.5 | 1595.8 | 1672.8 | 1741.7 | 1800.8 | 1848.8 | 1881.5 |
| 32.5° | 1120.5 | 1216.6 | 1321.2 | 1418.5 | 1528.7 | 1637.0 | 1747.9 | 1853.1 | 1953.5 | 2032.9 | 2082.8 |
| 35° | 1057.7 | 1161.1 | 1276.9 | 1392.0 | 1524.4 | 1666.0 | 1815.6 | 1957.2 | 2102.5 | 2229.3 | 2329.1 |
| 37.5° | 981.4 | 1093.4 | 1220.2 | 1353.8 | 1505.9 | 1675.8 | 1864.2 | 2056.9 | 2242.2 | 2434.3 | 2574.7 |
| 40° | 901.3 | 1010.9 | 1142.7 | 1295.4 | 1470.8 | 1670.9 | 1901.8 | 2151.7 | 2420.2 | 2667.7 | 2881.3 |
| 42.5° | 833.0 | 940.1 | 1078.0 | 1228.9 | 1417.9 | 1652.4 | 1927.0 | 2236.7 | 2567.3 | 2888.1 | 3171.9 |
| 45° | 765.9 | 880.4 | 1019.5 | 1179.0 | 1385.2 | 1645.1 | 1959.7 | 2310.6 | 2688.0 | 3068.5 | 3430.5 |
| 47.5° | 712.9 | 826.2 | 966.6 | 1137.7 | 1358.8 | 1640.7 | 1990.4 | 2379.5 | 2786.5 | 3202.7 | 3631.8 |
| 50° | 662.5 | 770.8 | 907.5 | 1087.9 | 1331.1 | 1634.0 | 2008.9 | 2434.3 | 2863.4 | 3308.0 | 3774.6 |
| 52.5° | 610.7 | 723.4 | 856.4 | 1031.2 | 1294.7 | 1620.4 | 2014.5 | 2477.4 | 2942.9 | 3408.9 | 3908.2 |
| 55° | 558.4 | 671.1 | 804.1 | 985.1 | 1245.5 | 1594.0 | 2010.1 | 2508.8 | 3026.0 | 3515.4 | 4030.1 |
| 57.5° | 494.4 | 605.2 | 744.3 | 926.6 | 1182.1 | 1541.0 | 1989.2 | 2522.4 | 3077.7 | 3615.2 | 4152.6 |
| 60° | 422.3 | 527.0 | 658.8 | 844.7 | 1104.5 | 1464.7 | 1942.4 | 2503.3 | 3101.1 | 3681.1 | 4282.6 |
| 62.5° | 331.8 | 423.0 | 544.2 | 728.9 | 991.8 | 1354.5 | 1840.2 | 2418.9 | 3044.5 | 3664.4 | 4338.6 |
| 63° | 311.5 | 399.6 | 524.5 | 698.2 | 958.6 | 1316.3 | 1810.0 | 2390.0 | 3019.2 | 3649.0 | 4331.8 |
| 65° | 237.6 | 302.9 | 406.3 | 561.5 | 810.2 | 1140.2 | 1651.2 | 2226.2 | 2860.4 | 3495.7 | 4225.3 |
| 67.5° | 175.5 | 209.3 | 272.7 | 376.8 | 570.1 | 887.2 | 1353.2 | 1922.7 | 2523.0 | 3120.2 | 3862.7 |
| 70° | 145.3 | 158.2 | 187.8 | 241.3 | 352.8 | 588.6 | 956.1 | 1463.4 | 2028.0 | 2542.1 | 3212.5 |
| 72.5° | 129.9 | 139.1 | 152.7 | 176.7 | 222.9 | 345.4 | 621.8 | 950.0 | 1412.3 | 1856.8 | 2423.3 |
| 75° | 116.4 | 122.5 | 133.6 | 147.8 | 168.7 | 216.1 | 328.8 | 563.3 | 863.2 | 1251.0 | 1662.3 |
| 77.5° | 102.2 | 108.4 | 119.4 | 130.5 | 144.1 | 164.4 | 203.8 | 320.8 | 516.5 | 730.2 | 1020.2 |
| 80° | 88.7 | 91.7 | 101.0 | 117.0 | 126.8 | 143.4 | 156.4 | 200.7 | 281.4 | 382.3 | 543.6 |
| 82.5° | 73.3 | 73.9 | 80.0 | 92.3 | 104.7 | 110.8 | 114.5 | 126.2 | 161.9 | 201.9 | 266.6 |
| 85° | 52.3 | 49.9 | 53.6 | 58.5 | 68.3 | 62.8 | 67.1 | 70.8 | 86.2 | 104.0 | 190.9 |
| 87.5° | 23.4 | 18.5 | 21.5 | 24.0 | 21.5 | 14.8 | 21.5 | 17.9 | 22.2 | 43.7 | 49.3 |
| 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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REPORT N
 CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° | |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 0° | 1018.3 | 1018.3 | 1018.3 | 1018.3 | 1018.3 | 1018.3 | 1018.3 | 1018.3 | 1018.3 | 1018.3 | 1018.3 | 0° |
| 2.5° | 1019.5 | 1015.8 | 1015.8 | 1015.2 | 1015.8 | 1014.6 | 1012.2 | 1012.2 | 1014.0 | 1013.4 | 1013.4 | 2.5° |
| 5° | 1041.1 | 1036.2 | 1034.9 | 1034.3 | 1034.3 | 1031.2 | 1027.5 | 1025.7 | 1025.1 | 1022.6 | 1020.8 | 5° |
| 7.5° | 1069.4 | 1066.3 | 1068.2 | 1064.5 | 1063.3 | 1062.6 | 1057.7 | 1054.0 | 1048.5 | 1046.0 | 1036.8 | 7.5° |
| 10° | 1092.8 | 1091.0 | 1095.9 | 1095.3 | 1095.9 | 1095.9 | 1089.1 | 1085.4 | 1077.4 | 1073.1 | 1061.4 | 10° |
| 12.5° | 1113.1 | 1114.4 | 1123.6 | 1123.6 | 1125.4 | 1127.9 | 1124.2 | 1116.2 | 1113.1 | 1108.8 | 1096.5 | 12.5° |
| 15° | 1164.8 | 1169.8 | 1176.5 | 1187.6 | 1190.7 | 1191.3 | 1194.4 | 1187.6 | 1179.6 | 1168.5 | 1153.8 | 15° |
| 17.5° | 1235.0 | 1244.9 | 1267.7 | 1283.7 | 1286.7 | 1289.8 | 1288.0 | 1286.7 | 1272.0 | 1262.7 | 1247.3 | 17.5° |
| 20° | 1323.1 | 1347.1 | 1379.1 | 1401.2 | 1411.1 | 1412.3 | 1424.6 | 1416.0 | 1402.5 | 1384.0 | 1361.8 | 20° |
| 22.5° | 1421.6 | 1461.6 | 1502.2 | 1534.8 | 1553.9 | 1562.6 | 1575.5 | 1563.2 | 1545.3 | 1534.2 | 1504.7 | 22.5° |
| 25° | 1556.4 | 1600.1 | 1646.9 | 1672.8 | 1721.4 | 1735.6 | 1742.9 | 1739.2 | 1720.8 | 1728.8 | 1701.7 | 25° |
| 27.5° | 1741.1 | 1778.7 | 1844.5 | 1877.2 | 1922.7 | 1949.2 | 1943.6 | 1974.4 | 1980.0 | 1999.1 | 2002.1 | 27.5° |
| 30° | 1942.4 | 2004.6 | 2093.3 | 2159.1 | 2228.7 | 2273.6 | 2309.4 | 2336.4 | 2367.8 | 2420.8 | 2452.8 | 30° |
| 32.5° | 2159.7 | 2249.6 | 2362.9 | 2502.7 | 2650.4 | 2771.1 | 2907.2 | 2930.6 | 3000.7 | 2980.4 | 2966.9 | 32.5° |
| 35° | 2401.7 | 2515.0 | 2660.3 | 2843.7 | 3058.6 | 3258.1 | 3389.2 | 3455.1 | 3482.8 | 3498.2 | 3404.6 | 35° |
| 37.5° | 2725.5 | 2878.8 | 3040.8 | 3240.9 | 3405.2 | 3591.8 | 3742.6 | 3906.4 | 3981.5 | 3945.8 | 3766.6 | 37.5° |
| 40° | 3084.5 | 3227.9 | 3447.1 | 3610.9 | 3804.8 | 4112.0 | 4316.4 | 4513.4 | 4575.0 | 4456.2 | 4175.4 | 40° |
| 42.5° | 3444.6 | 3641.6 | 3879.3 | 4112.0 | 4334.9 | 4613.2 | 4884.1 | 5078.6 | 5146.3 | 4943.2 | 4610.1 | 42.5° |
| 45° | 3765.4 | 4017.8 | 4297.3 | 4536.2 | 4847.7 | 5211.6 | 5543.4 | 5699.8 | 5687.5 | 5361.2 | 4986.3 | 45° |
| 47.5° | 4044.9 | 4372.4 | 4687.7 | 5009.7 | 5323.6 | 5734.3 | 6063.1 | 6242.8 | 6115.4 | 5772.5 | 5347.7 | 47.5° |
| 50° | 4275.8 | 4671.7 | 5052.1 | 5422.1 | 5807.6 | 6244.1 | 6561.1 | 6727.4 | 6533.4 | 6099.4 | 5624.7 | 50° |
| 52.5° | 4451.2 | 4941.9 | 5380.3 | 5794.0 | 6254.5 | 6726.1 | 7008.1 | 7108.4 | 6806.2 | 6352.4 | 5832.2 | 52.5° |
| 55° | 4616.9 | 5171.6 | 5656.7 | 6126.5 | 6699.6 | 7122.6 | 7386.7 | 7368.3 | 6977.9 | 6462.6 | 5962.1 | 55° |
| 57.5° | 4741.8 | 5367.4 | 5883.9 | 6418.9 | 7036.4 | 7488.3 | 7641.0 | 7519.1 | 7049.3 | 6495.2 | 5999.6 | 57.5° |
| 60° | 4899.4 | 5520.0 | 6085.8 | 6683.0 | 7356.6 | 7738.9 | 7759.2 | 7540.6 | 7029.0 | 6433.7 | 5946.7 | 60° |
| 62.5° | 5000.4 | 5615.5 | 6214.5 | 6864.0 | 7600.4 | 7879.9 | 7734.6 | 7447.7 | 6912.1 | 6281.6 | 5825.4 | 62.5° |
| 63° | 5010.3 | 5624.7 | 6225.0 | 6881.9 | 7634.8 | 7886.0 | 7711.8 | 7405.8 | 6877.6 | 6239.7 | 5793.4 | 63° |
| 65° | 4965.9 | 5598.2 | 6176.9 | 6849.9 | 7643.5 | 7813.4 | 7545.0 | 7234.0 | 6687.3 | 6026.1 | 5605.0 | 65° |
| 67.5° | 4656.3 | 5313.8 | 5866.0 | 6497.1 | 7311.0 | 7405.2 | 7136.2 | 6798.2 | 6284.7 | 5565.6 | 5193.1 | 67.5° |
| 70° | 4101.5 | 4726.4 | 5118.0 | 5704.1 | 6420.1 | 6532.8 | 6292.1 | 6030.4 | 5574.2 | 4973.3 | 4664.3 | 70° |
| 72.5° | 3304.3 | 3918.1 | 4153.3 | 4602.1 | 5171.0 | 5146.3 | 4977.0 | 4944.4 | 4704.3 | 4200.1 | 4014.1 | 72.5° |
| 75° | 2470.0 | 3054.3 | 3153.4 | 3336.3 | 3654.0 | 3646.0 | 3685.4 | 3825.7 | 3945.8 | 3647.8 | 3409.5 | 75° |
| 77.5° | 1629.0 | 2210.2 | 2271.8 | 2484.8 | 2572.9 | 2814.2 | 3097.4 | 3450.2 | 3625.0 | 3503.1 | 3210.7 | 77.5° |
| 80° | 901.3 | 1512.1 | 1499.8 | 1582.9 | 1738.6 | 2089.6 | 2518.7 | 3042.6 | 3392.3 | 3304.9 | 2984.7 | 80° |
| 82.5° | 468.5 | 955.5 | 941.3 | 956.1 | 1100.8 | 1395.7 | 1722.0 | 2150.5 | 2511.9 | 2519.9 | 2412.2 | 82.5° |
| 85° | 348.5 | 685.8 | 726.5 | 759.7 | 855.8 | 958.6 | 1018.3 | 1155.6 | 1353.8 | 1538.5 | 1604.4 | 85° |
| 87.5° | 128.1 | 411.9 | 512.8 | 551.0 | 553.5 | 540.6 | 440.2 | 484.5 | 440.8 | 521.5 | 728.3 | 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: P146101

NUMBER: LDRC-SLR-E03-E-7050

DISTRIBUTION (continued):

| 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|
| 1018.3 | 1018.3 | 1018.3 | 1018.3 | 1018.3 | 1018.3 | 1018.3 |
| 1014.6 | 1014.6 | 1014.0 | 1015.2 | 1015.8 | 1017.7 | 1017.1 |
| 1018.9 | 1017.1 | 1015.2 | 1014.0 | 1012.8 | 1013.4 | 1012.2 |
| 1030.0 | 1023.8 | 1018.9 | 1014.6 | 1010.9 | 1010.3 | 1006.6 |
| 1054.6 | 1043.5 | 1034.3 | 1027.5 | 1020.2 | 1016.5 | 1009.7 |
| 1086.0 | 1073.7 | 1062.0 | 1052.2 | 1043.5 | 1038.6 | 1033.7 |
| 1140.8 | 1123.0 | 1108.8 | 1098.3 | 1089.7 | 1084.2 | 1079.3 |
| 1222.1 | 1199.9 | 1178.4 | 1158.1 | 1155.6 | 1142.7 | 1142.7 |
| 1334.1 | 1304.0 | 1276.3 | 1259.0 | 1251.0 | 1233.8 | 1233.8 |
| 1489.3 | 1459.7 | 1418.5 | 1397.6 | 1399.4 | 1384.6 | 1391.4 |
| 1690.0 | 1665.4 | 1622.9 | 1614.3 | 1614.3 | 1598.3 | 1574.3 |
| 1991.1 | 1982.4 | 1935.6 | 1947.3 | 1922.7 | 1863.0 | 1798.4 |
| 2438.0 | 2438.0 | 2347.5 | 2282.3 | 2225.6 | 2132.7 | 2018.8 |
| 2885.6 | 2827.1 | 2688.6 | 2577.8 | 2460.2 | 2318.0 | 2171.4 |
| 3263.6 | 3107.9 | 2967.5 | 2832.1 | 2655.4 | 2502.7 | 2297.0 |
| 3582.5 | 3434.8 | 3274.1 | 3067.9 | 2860.4 | 2647.4 | 2383.2 |
| 3977.8 | 3798.0 | 3556.7 | 3297.5 | 3042.6 | 2749.6 | 2443.6 |
| 4339.2 | 4113.9 | 3809.1 | 3481.0 | 3156.5 | 2829.6 | 2472.5 |
| 4679.0 | 4388.4 | 4012.3 | 3618.3 | 3248.9 | 2878.8 | 2484.8 |
| 4999.2 | 4609.5 | 4171.7 | 3716.1 | 3312.3 | 2905.3 | 2481.7 |
| 5210.4 | 4771.4 | 4272.1 | 3775.2 | 3350.4 | 2914.5 | 2473.1 |
| 5342.7 | 4870.5 | 4331.2 | 3807.9 | 3369.5 | 2916.4 | 2472.5 |
| 5417.2 | 4926.5 | 4363.2 | 3830.7 | 3390.5 | 2927.5 | 2487.3 |
| 5475.1 | 4970.9 | 4398.9 | 3869.4 | 3440.3 | 2979.2 | 2547.0 |
| 5529.9 | 5087.2 | 4491.9 | 3940.9 | 3527.1 | 3075.9 | 2678.1 |
| 5552.7 | 5308.2 | 4680.9 | 4072.6 | 3648.4 | 3231.0 | 2882.5 |
| 5550.8 | 5350.1 | 4735.7 | 4108.9 | 3680.4 | 3272.3 | 2934.9 |
| 5483.7 | 5483.1 | 4985.0 | 4282.6 | 3829.4 | 3463.1 | 3153.4 |
| 5284.9 | 5549.6 | 5260.8 | 4511.6 | 4060.9 | 3777.7 | 3482.2 |
| 4970.2 | 5468.9 | 5298.4 | 4571.9 | 4225.3 | 4066.5 | 3701.4 |
| 4428.5 | 5083.5 | 4946.9 | 4314.6 | 4169.3 | 4123.1 | 3706.9 |
| 3581.9 | 4086.8 | 4028.3 | 3686.0 | 3739.5 | 3834.4 | 3311.0 |
| 2885.6 | 2869.6 | 2861.0 | 2736.6 | 2964.4 | 3157.1 | 2461.4 |
| 2410.3 | 1985.5 | 1843.9 | 1795.9 | 2171.4 | 2319.2 | 1527.5 |
| 2253.3 | 1783.6 | 1430.8 | 1370.5 | 1627.2 | 1706.0 | 921.0 |
| 1722.0 | 1731.9 | 1499.1 | 1284.9 | 1265.8 | 1158.7 | 674.8 |
| 842.8 | 857.0 | 905.6 | 826.8 | 709.2 | 597.8 | 212.4 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)