

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: P146136

Luminaire Tested: **LDRV-SLR-F02-E-7050**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P146136  
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: LDRV-SLR-F02-E-7050  
Description: RIDGEVIEW LED AREA/SITE LUMINAIRE  
(2) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT  
Light Source: (14) 5000K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4563.1 lumens  
Efficiency: N/A  
Efficacy: 83.0 lumens/watt  
Luminous Opening: Rectangular (W 0.33' x L: 1' x H: 0')  
IES Classification: Type IV - Short - Non-Cutoff  
BUG Rating: B1 - U0 - G2

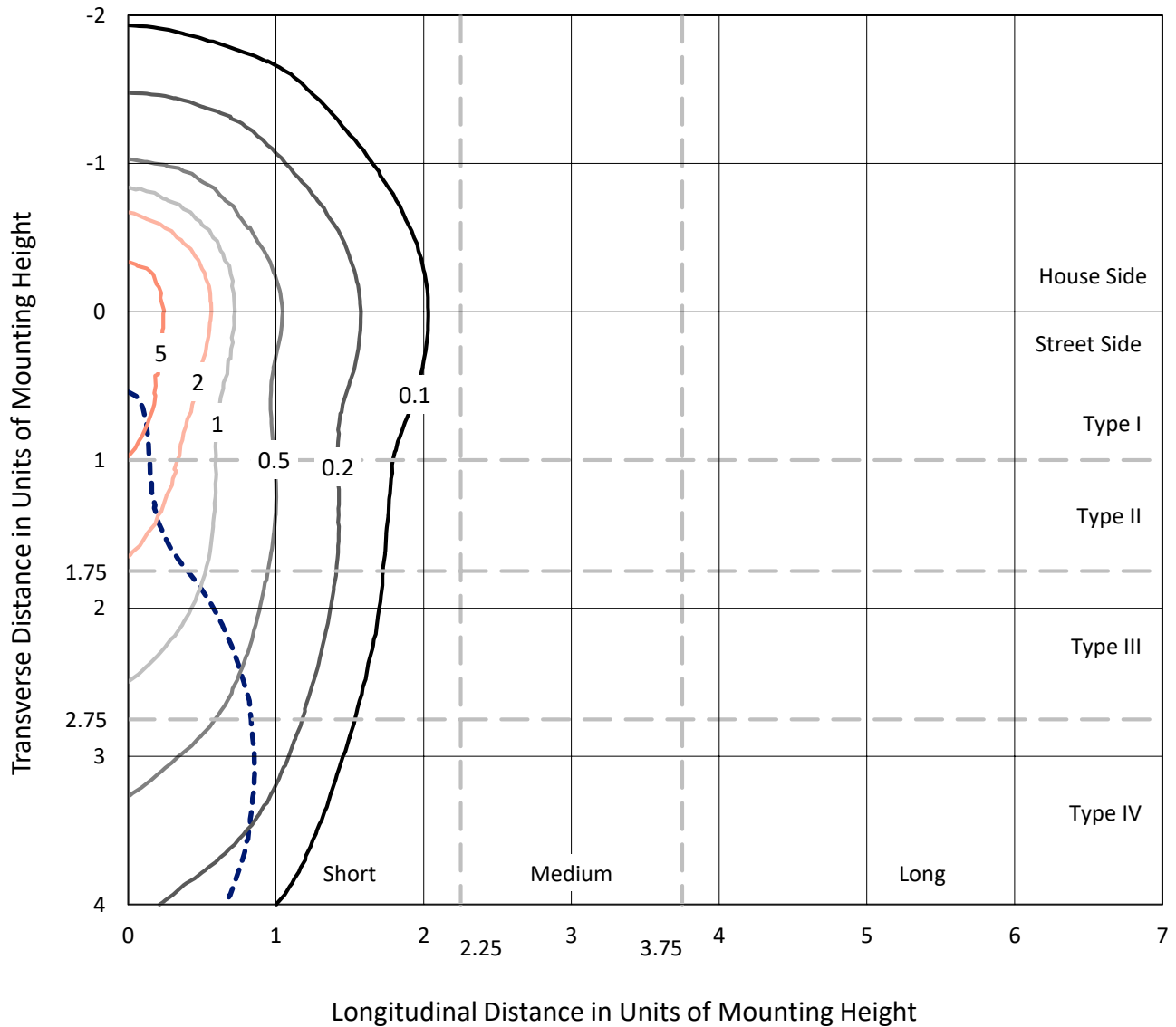
Input Watts (W): 55  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Iso-Footcandle Lines of Horizontal Illumination

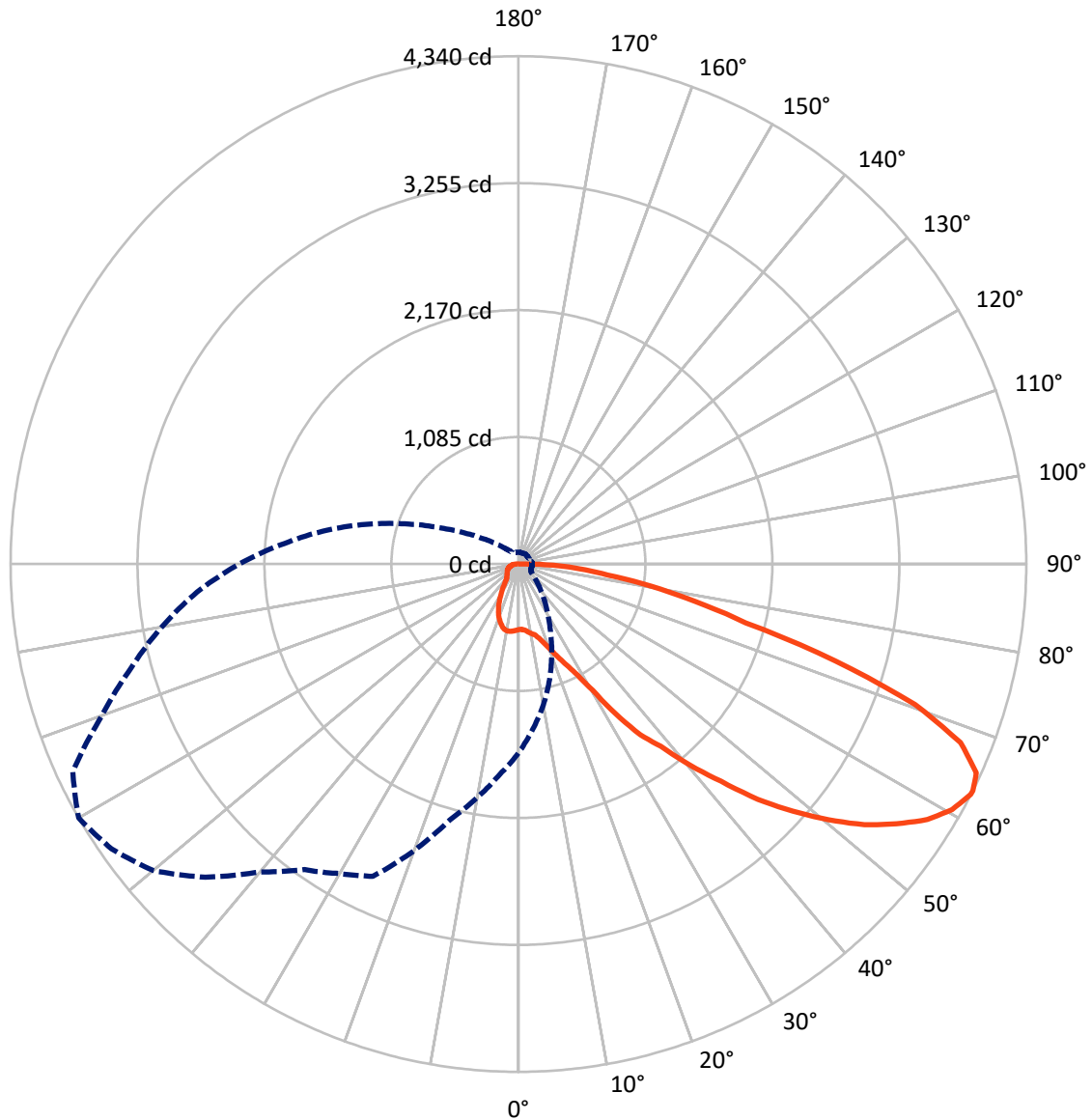
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 7.2 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  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 955.2    | 0.0    | 955.2  |
|                    | % Fixture | 20.9     | 0.0    | 20.9   |
| <b>Street Side</b> | Lumens    | 3607.9   | 0.0    | 3607.9 |
|                    | % Fixture | 79.1     | 0.0    | 79.1   |
| <b>Total</b>       | Lumens    | 4563.1   | 0.0    | 4563.1 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 55.0   | 1.2       |
| 10°-20°   | 171.8  | 3.8       |
| 20°-30°   | 303.8  | 6.7       |
| 30°-40°   | 479.6  | 10.5      |
| 40°-50°   | 705.2  | 15.5      |
| 50°-60°   | 929.0  | 20.4      |
| 60°-70°   | 1035.5 | 22.7      |
| 70°-80°   | 680.3  | 14.9      |
| 80°-90°   | 202.9  | 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°    | 4563.1 | 100.0     |
| 0°-180°   | 4563.1 | 100.0     |



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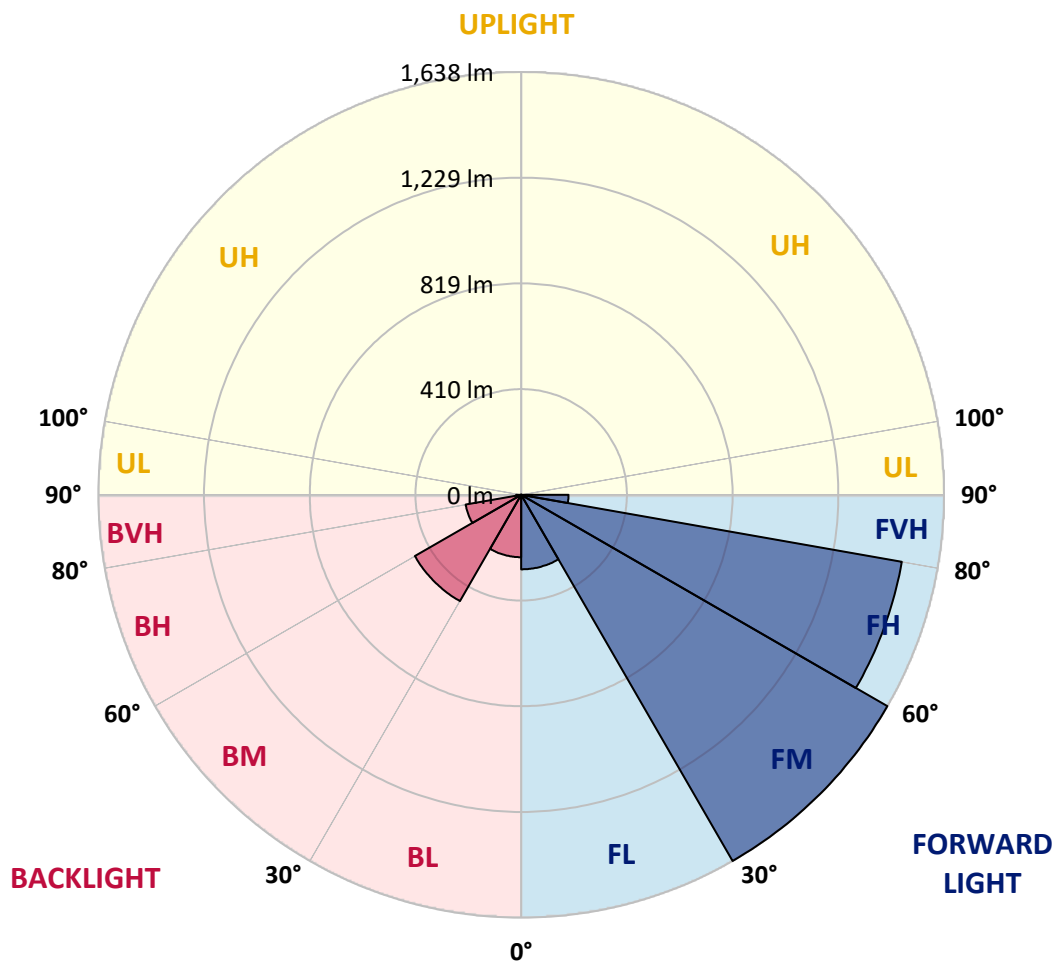
CATALOG NUMBER: LDRV-SLR-F02-E-7050

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 288.8  | 6.3       |                         |      |         |
| FM   | (30°-60°)   | 1638.3 | 35.9      |                         |      |         |
| FH   | (60°-80°)   | 1497.5 | 32.8      |                         |      | G1/1800 |
| FVH  | (80°-90°)   | 183.4  | 4.0       |                         |      | G2/225  |
| BL   | (0°-30°)    | 241.8  | 5.3       | B1/500                  |      |         |
| BM   | (30°-60°)   | 475.6  | 10.4      | B1/1000                 |      |         |
| BH   | (60°-80°)   | 218.3  | 4.8       | B1/500                  |      | G1/500  |
| BVH  | (80°-90°)   | 19.5   | 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-G2**

Type IV Short





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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 10°    | 15°    | 20°   | 25°   | 30°   | 35°   | 40°   | 45°   | 50°   |
|-------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 560.4  | 560.4  | 560.4  | 560.4  | 560.4 | 560.4 | 560.4 | 560.4 | 560.4 | 560.4 | 560.4 |
| 2.5°  | 559.7  | 560.8  | 560.8  | 559.7  | 560.8 | 560.4 | 560.4 | 561.4 | 561.8 | 563.5 | 562.5 |
| 5°    | 557.0  | 557.4  | 557.7  | 557.0  | 557.4 | 557.4 | 558.1 | 559.1 | 559.4 | 561.4 | 560.4 |
| 7.5°  | 554.0  | 554.7  | 553.3  | 553.6  | 554.7 | 556.0 | 556.0 | 557.4 | 559.7 | 560.8 | 560.4 |
| 10°   | 555.7  | 555.0  | 554.0  | 553.6  | 554.3 | 554.7 | 555.3 | 557.7 | 559.7 | 560.8 | 562.5 |
| 12.5° | 568.9  | 566.9  | 565.8  | 565.5  | 565.8 | 565.2 | 567.5 | 568.2 | 568.9 | 570.3 | 569.6 |
| 15°   | 594.0  | 591.3  | 589.6  | 587.9  | 591.6 | 589.9 | 589.9 | 587.9 | 584.5 | 579.4 | 573.0 |
| 17.5° | 628.9  | 625.8  | 624.5  | 623.8  | 624.1 | 621.1 | 615.0 | 605.2 | 593.3 | 579.7 | 567.2 |
| 20°   | 679.0  | 683.8  | 681.7  | 672.6  | 669.2 | 655.6 | 636.3 | 616.0 | 595.3 | 573.6 | 553.0 |
| 22.5° | 765.8  | 763.0  | 753.9  | 731.2  | 710.9 | 680.4 | 645.8 | 612.9 | 582.4 | 550.9 | 523.8 |
| 25°   | 866.4  | 843.7  | 817.9  | 773.2  | 726.5 | 676.3 | 626.5 | 587.5 | 546.9 | 512.3 | 479.8 |
| 27.5° | 989.7  | 940.6  | 874.9  | 802.0  | 732.2 | 665.5 | 606.5 | 555.0 | 508.6 | 471.7 | 435.4 |
| 30°   | 1111.0 | 1029.0 | 937.5  | 841.0  | 746.8 | 656.7 | 578.7 | 519.1 | 465.6 | 418.1 | 381.5 |
| 32.5° | 1195.1 | 1095.8 | 981.9  | 862.7  | 748.1 | 642.4 | 548.2 | 477.1 | 416.8 | 369.0 | 324.9 |
| 35°   | 1264.2 | 1140.2 | 997.5  | 859.3  | 726.5 | 609.2 | 504.5 | 425.6 | 361.5 | 312.1 | 273.4 |
| 37.5° | 1311.6 | 1162.9 | 996.5  | 839.6  | 687.8 | 556.4 | 454.4 | 374.1 | 314.4 | 268.4 | 232.8 |
| 40°   | 1344.8 | 1170.0 | 983.3  | 806.1  | 643.4 | 505.2 | 400.8 | 327.6 | 275.5 | 239.6 | 213.8 |
| 42.5° | 1360.7 | 1165.2 | 963.6  | 774.2  | 599.4 | 463.9 | 360.5 | 296.5 | 254.1 | 227.0 | 208.0 |
| 45°   | 1367.5 | 1153.7 | 941.6  | 743.1  | 563.5 | 428.3 | 339.8 | 287.0 | 253.8 | 230.4 | 209.7 |
| 47.5° | 1365.8 | 1141.2 | 922.0  | 717.3  | 542.1 | 418.8 | 343.9 | 299.9 | 266.3 | 237.2 | 210.8 |
| 50°   | 1361.1 | 1129.7 | 909.4  | 707.8  | 541.8 | 433.0 | 366.6 | 321.5 | 280.9 | 243.3 | 209.7 |
| 52.5° | 1360.7 | 1128.6 | 916.2  | 719.0  | 561.4 | 465.2 | 400.8 | 346.6 | 295.1 | 250.1 | 210.1 |
| 55°   | 1368.9 | 1146.9 | 945.0  | 749.2  | 608.9 | 510.3 | 439.5 | 373.4 | 311.0 | 254.8 | 209.1 |
| 57.5° | 1401.7 | 1192.7 | 999.5  | 816.6  | 669.9 | 565.2 | 476.7 | 393.4 | 317.1 | 253.4 | 204.3 |
| 60°   | 1473.9 | 1273.0 | 1083.6 | 911.8  | 748.1 | 615.3 | 498.8 | 400.2 | 314.4 | 245.3 | 194.1 |
| 62.5° | 1586.4 | 1389.2 | 1198.8 | 1005.3 | 817.6 | 645.5 | 503.8 | 394.7 | 303.6 | 231.8 | 181.6 |
| 63°   | 1615.2 | 1416.0 | 1222.2 | 1024.6 | 829.5 | 648.5 | 503.5 | 392.7 | 300.5 | 228.4 | 178.6 |
| 65°   | 1735.5 | 1530.8 | 1316.0 | 1088.3 | 861.3 | 654.6 | 495.7 | 379.8 | 287.0 | 212.4 | 164.7 |
| 67.5° | 1916.4 | 1657.6 | 1409.2 | 1147.6 | 878.9 | 643.8 | 471.3 | 348.0 | 252.1 | 184.7 | 144.0 |
| 70°   | 2037.0 | 1741.6 | 1464.8 | 1166.9 | 858.3 | 594.3 | 415.4 | 291.7 | 206.0 | 152.1 | 123.0 |
| 72.5° | 2040.1 | 1666.4 | 1389.5 | 1066.6 | 741.0 | 490.3 | 325.3 | 220.6 | 160.3 | 123.7 | 106.1 |
| 75°   | 1822.2 | 1408.2 | 1135.8 | 875.9  | 570.3 | 346.6 | 228.7 | 160.9 | 123.0 | 102.0 | 91.8  |
| 77.5° | 1354.6 | 1027.3 | 819.6  | 589.2  | 370.3 | 224.6 | 159.3 | 119.3 | 97.6  | 84.4  | 76.9  |
| 80°   | 840.6  | 642.1  | 497.4  | 352.4  | 221.9 | 149.4 | 116.6 | 94.9  | 82.0  | 70.5  | 64.4  |
| 82.5° | 506.9  | 359.5  | 280.9  | 212.8  | 142.0 | 107.7 | 89.8  | 80.0  | 69.5  | 59.3  | 54.6  |
| 85°   | 371.4  | 257.2  | 188.4  | 131.5  | 87.8  | 71.2  | 63.0  | 61.0  | 53.9  | 45.7  | 43.0  |
| 87.5° | 116.9  | 122.7  | 127.4  | 77.6   | 42.4  | 32.2  | 27.4  | 32.2  | 30.8  | 21.7  | 23.7  |
| 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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**CANDELA DISTRIBUTION (continued):**

|       | 55°   | 60°   | 65°   | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   | 100°  | 105°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 560.4 | 560.4 | 560.4 | 560.4 | 560.4 | 560.4 | 560.4 | 560.4 | 560.4 | 560.4 | 560.4 |
| 2.5°  | 564.2 | 565.5 | 564.5 | 564.5 | 563.8 | 563.5 | 565.8 | 565.2 | 565.8 | 565.5 | 566.2 |
| 5°    | 562.1 | 563.1 | 562.5 | 563.1 | 562.5 | 562.5 | 565.5 | 565.5 | 566.9 | 567.5 | 569.2 |
| 7.5°  | 562.8 | 563.1 | 562.8 | 563.8 | 563.1 | 562.5 | 564.2 | 565.2 | 567.5 | 569.6 | 571.3 |
| 10°   | 565.2 | 566.2 | 565.8 | 565.8 | 563.8 | 562.5 | 563.5 | 564.2 | 566.5 | 567.5 | 569.6 |
| 12.5° | 570.9 | 569.6 | 566.9 | 565.2 | 560.4 | 557.7 | 556.4 | 555.7 | 557.4 | 558.7 | 559.7 |
| 15°   | 569.6 | 562.1 | 556.0 | 550.9 | 543.8 | 539.4 | 536.0 | 535.7 | 536.0 | 536.4 | 537.4 |
| 17.5° | 555.7 | 545.5 | 533.3 | 526.9 | 518.7 | 514.0 | 511.6 | 509.9 | 509.6 | 510.3 | 512.0 |
| 20°   | 535.7 | 520.8 | 507.2 | 496.0 | 487.2 | 479.8 | 481.5 | 477.8 | 479.4 | 480.5 | 483.5 |
| 22.5° | 505.2 | 484.5 | 468.9 | 455.4 | 444.9 | 437.1 | 437.1 | 433.7 | 434.4 | 437.4 | 441.5 |
| 25°   | 455.7 | 436.4 | 414.1 | 404.6 | 392.7 | 387.3 | 386.3 | 385.6 | 388.3 | 392.0 | 394.4 |
| 27.5° | 411.0 | 384.6 | 362.5 | 350.0 | 337.5 | 338.8 | 332.1 | 336.1 | 339.2 | 342.2 | 344.9 |
| 30°   | 350.7 | 329.0 | 309.0 | 296.5 | 281.6 | 281.9 | 282.9 | 283.6 | 286.3 | 290.4 | 295.8 |
| 32.5° | 292.7 | 269.4 | 250.7 | 237.2 | 228.4 | 225.7 | 221.9 | 228.0 | 231.4 | 235.5 | 240.9 |
| 35°   | 245.0 | 220.6 | 205.0 | 193.1 | 188.1 | 184.3 | 183.3 | 182.6 | 185.7 | 187.7 | 192.1 |
| 37.5° | 210.8 | 194.1 | 182.6 | 174.2 | 169.4 | 165.3 | 164.3 | 163.7 | 163.3 | 162.6 | 165.3 |
| 40°   | 196.9 | 183.6 | 173.8 | 166.0 | 161.6 | 159.3 | 158.2 | 156.9 | 155.5 | 153.8 | 153.5 |
| 42.5° | 192.8 | 178.6 | 167.0 | 159.3 | 155.9 | 155.5 | 155.5 | 154.8 | 153.5 | 151.1 | 149.4 |
| 45°   | 191.1 | 173.8 | 160.6 | 154.5 | 152.1 | 152.5 | 152.5 | 152.5 | 151.5 | 149.1 | 146.4 |
| 47.5° | 188.1 | 168.1 | 154.5 | 149.4 | 148.4 | 149.1 | 149.8 | 149.8 | 149.1 | 147.1 | 144.0 |
| 50°   | 182.3 | 159.3 | 145.0 | 140.3 | 139.9 | 140.3 | 140.3 | 141.0 | 140.3 | 138.6 | 135.9 |
| 52.5° | 177.9 | 152.5 | 137.9 | 134.2 | 134.2 | 133.8 | 133.5 | 133.5 | 133.2 | 131.8 | 129.8 |
| 55°   | 173.8 | 148.1 | 134.9 | 131.8 | 132.5 | 132.5 | 131.8 | 131.5 | 130.1 | 128.4 | 126.4 |
| 57.5° | 168.1 | 143.3 | 131.8 | 129.8 | 130.4 | 130.1 | 129.8 | 129.4 | 128.1 | 126.0 | 123.3 |
| 60°   | 157.9 | 134.9 | 125.7 | 124.4 | 125.4 | 125.7 | 127.1 | 127.4 | 126.7 | 124.4 | 120.6 |
| 62.5° | 146.7 | 124.4 | 117.6 | 116.6 | 117.6 | 118.6 | 119.6 | 118.9 | 118.9 | 116.6 | 113.2 |
| 63°   | 143.0 | 122.7 | 115.2 | 115.2 | 116.2 | 117.2 | 117.9 | 117.2 | 117.6 | 114.9 | 111.5 |
| 65°   | 134.5 | 116.6 | 110.8 | 111.1 | 112.2 | 112.8 | 113.2 | 113.2 | 112.8 | 110.8 | 107.7 |
| 67.5° | 120.3 | 107.7 | 104.4 | 106.1 | 107.4 | 107.7 | 107.7 | 108.4 | 107.7 | 106.4 | 103.7 |
| 70°   | 107.4 | 99.3  | 96.9  | 98.9  | 99.6  | 100.0 | 100.0 | 100.0 | 99.3  | 97.9  | 95.6  |
| 72.5° | 97.6  | 93.5  | 93.2  | 92.8  | 93.2  | 92.2  | 92.2  | 91.5  | 89.8  | 88.8  | 86.7  |
| 75°   | 86.7  | 84.7  | 85.0  | 84.7  | 84.0  | 83.7  | 82.0  | 81.3  | 79.3  | 77.9  | 75.2  |
| 77.5° | 74.5  | 74.9  | 74.5  | 74.9  | 75.6  | 75.9  | 73.5  | 71.8  | 70.1  | 68.8  | 67.4  |
| 80°   | 62.0  | 62.7  | 62.0  | 62.7  | 63.0  | 63.0  | 60.7  | 57.9  | 56.6  | 57.6  | 57.9  |
| 82.5° | 55.2  | 55.2  | 52.5  | 53.2  | 52.5  | 51.5  | 49.8  | 48.8  | 47.8  | 47.1  | 48.8  |
| 85°   | 43.7  | 44.0  | 44.7  | 44.0  | 42.7  | 41.7  | 40.0  | 38.6  | 37.6  | 38.6  | 41.0  |
| 87.5° | 26.1  | 28.1  | 27.1  | 27.1  | 26.8  | 26.8  | 25.4  | 24.7  | 23.7  | 27.8  | 29.8  |
| 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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**CANDELA DISTRIBUTION (continued):**

|       | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  | 160°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 560.4 | 560.4 | 560.4 | 560.4 | 560.4 | 560.4 | 560.4 | 560.4 | 560.4 | 560.4 | 560.4 |
| 2.5°  | 565.8 | 566.9 | 567.2 | 566.9 | 567.2 | 567.9 | 565.2 | 567.9 | 568.2 | 566.2 | 566.9 |
| 5°    | 570.6 | 572.3 | 574.7 | 574.7 | 576.4 | 577.4 | 576.0 | 579.7 | 580.4 | 580.1 | 581.8 |
| 7.5°  | 574.0 | 576.4 | 579.4 | 581.1 | 584.1 | 585.5 | 586.5 | 589.9 | 590.6 | 591.9 | 593.3 |
| 10°   | 573.6 | 577.0 | 579.7 | 584.5 | 588.2 | 590.9 | 593.0 | 596.7 | 598.0 | 600.1 | 601.1 |
| 12.5° | 563.8 | 567.5 | 572.6 | 579.4 | 586.2 | 590.6 | 596.0 | 601.4 | 603.5 | 606.2 | 607.9 |
| 15°   | 541.8 | 544.8 | 552.0 | 560.8 | 569.9 | 581.1 | 588.9 | 597.4 | 601.1 | 603.8 | 606.2 |
| 17.5° | 513.0 | 515.7 | 522.1 | 529.9 | 542.1 | 553.0 | 564.8 | 577.7 | 584.1 | 587.2 | 588.2 |
| 20°   | 486.2 | 490.3 | 492.0 | 501.1 | 505.2 | 516.0 | 526.2 | 540.4 | 548.6 | 554.0 | 557.4 |
| 22.5° | 444.2 | 446.2 | 455.0 | 458.8 | 461.8 | 468.6 | 481.1 | 493.7 | 504.5 | 513.3 | 516.0 |
| 25°   | 397.8 | 403.2 | 408.0 | 411.0 | 418.1 | 418.5 | 428.6 | 437.4 | 451.0 | 459.5 | 466.2 |
| 27.5° | 346.6 | 354.8 | 357.5 | 359.5 | 364.9 | 371.4 | 375.1 | 383.9 | 391.7 | 401.5 | 413.7 |
| 30°   | 295.1 | 302.9 | 308.3 | 311.4 | 316.5 | 322.6 | 325.3 | 331.0 | 341.2 | 352.0 | 361.5 |
| 32.5° | 247.0 | 255.1 | 257.8 | 267.7 | 269.0 | 274.8 | 276.8 | 286.0 | 291.7 | 300.9 | 312.1 |
| 35°   | 199.9 | 208.4 | 216.5 | 221.9 | 228.0 | 227.7 | 233.1 | 241.6 | 246.7 | 256.2 | 263.6 |
| 37.5° | 167.7 | 172.8 | 178.6 | 184.7 | 191.4 | 196.5 | 201.6 | 205.3 | 209.4 | 215.8 | 222.6 |
| 40°   | 153.5 | 154.8 | 157.2 | 160.9 | 165.7 | 169.4 | 173.1 | 176.2 | 179.2 | 184.3 | 188.7 |
| 42.5° | 147.7 | 146.7 | 146.7 | 146.0 | 147.7 | 149.8 | 152.8 | 153.8 | 158.6 | 161.6 | 163.3 |
| 45°   | 143.7 | 141.3 | 139.6 | 137.6 | 136.9 | 137.6 | 139.3 | 141.6 | 144.7 | 145.7 | 145.7 |
| 47.5° | 141.3 | 137.6 | 134.9 | 131.8 | 130.1 | 130.1 | 131.1 | 132.8 | 134.5 | 134.9 | 134.5 |
| 50°   | 133.2 | 129.4 | 126.0 | 123.3 | 122.0 | 122.0 | 122.3 | 124.7 | 125.0 | 124.4 | 124.7 |
| 52.5° | 127.1 | 123.3 | 119.9 | 117.6 | 115.9 | 116.2 | 117.2 | 118.3 | 119.3 | 118.6 | 117.9 |
| 55°   | 123.3 | 118.9 | 115.9 | 113.2 | 111.1 | 111.8 | 112.8 | 114.2 | 115.9 | 114.9 | 113.8 |
| 57.5° | 119.9 | 116.2 | 112.5 | 109.8 | 107.4 | 108.1 | 109.1 | 111.1 | 113.2 | 111.1 | 109.8 |
| 60°   | 116.9 | 113.2 | 109.4 | 106.7 | 104.0 | 104.7 | 106.1 | 108.1 | 109.8 | 107.1 | 105.4 |
| 62.5° | 109.4 | 106.1 | 103.3 | 102.0 | 100.3 | 101.3 | 102.3 | 104.7 | 104.0 | 101.3 | 99.3  |
| 63°   | 108.1 | 104.7 | 102.3 | 101.0 | 99.6  | 101.0 | 101.3 | 103.7 | 102.7 | 100.0 | 98.3  |
| 65°   | 104.0 | 101.3 | 98.9  | 97.6  | 96.2  | 96.9  | 96.9  | 97.9  | 96.6  | 94.5  | 93.2  |
| 67.5° | 100.3 | 97.2  | 94.9  | 92.2  | 90.8  | 90.1  | 89.8  | 89.5  | 88.4  | 87.4  | 87.1  |
| 70°   | 92.2  | 90.1  | 88.1  | 85.7  | 83.7  | 82.3  | 81.7  | 81.0  | 80.3  | 80.0  | 79.6  |
| 72.5° | 83.4  | 81.7  | 79.6  | 78.3  | 76.6  | 75.6  | 73.9  | 73.5  | 72.8  | 72.2  | 71.8  |
| 75°   | 73.9  | 71.8  | 71.2  | 69.8  | 68.8  | 68.1  | 66.7  | 66.4  | 65.7  | 64.7  | 64.4  |
| 77.5° | 65.4  | 64.7  | 63.7  | 63.4  | 61.7  | 60.7  | 60.0  | 59.6  | 59.0  | 58.3  | 57.6  |
| 80°   | 58.3  | 57.9  | 57.3  | 56.9  | 55.9  | 54.6  | 53.9  | 54.2  | 53.2  | 52.9  | 51.8  |
| 82.5° | 52.5  | 52.9  | 52.9  | 51.8  | 50.8  | 49.1  | 48.5  | 49.5  | 48.8  | 47.4  | 46.1  |
| 85°   | 44.7  | 44.4  | 44.7  | 44.4  | 42.4  | 40.7  | 40.0  | 40.7  | 40.3  | 38.3  | 37.9  |
| 87.5° | 31.9  | 31.5  | 30.8  | 32.9  | 30.2  | 24.4  | 25.1  | 28.5  | 27.4  | 26.4  | 25.8  |
| 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: LDRV-SLR-F02-E-7050

**CANDELA DISTRIBUTION (continued):**

|       | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  | 200°  | 205°  | 210°  | 215°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 560.4 | 560.4 | 560.4 | 560.4 | 560.4 | 560.4 | 560.4 | 560.4 | 560.4 | 560.4 | 560.4 |
| 2.5°  | 568.2 | 567.2 | 567.9 | 568.2 | 567.2 | 569.6 | 567.2 | 567.5 | 568.2 | 566.2 | 565.8 |
| 5°    | 583.1 | 583.1 | 585.8 | 586.2 | 585.8 | 588.9 | 588.5 | 588.9 | 588.2 | 587.9 | 586.5 |
| 7.5°  | 595.3 | 596.7 | 598.7 | 601.8 | 602.8 | 605.2 | 605.8 | 606.2 | 607.5 | 608.9 | 608.2 |
| 10°   | 604.1 | 607.9 | 609.6 | 612.6 | 615.7 | 617.3 | 619.0 | 621.8 | 622.8 | 623.8 | 622.4 |
| 12.5° | 610.2 | 614.6 | 617.3 | 621.1 | 624.8 | 627.5 | 630.6 | 634.0 | 637.3 | 638.4 | 636.7 |
| 15°   | 607.2 | 612.3 | 616.3 | 620.4 | 626.2 | 631.2 | 637.0 | 643.1 | 647.5 | 649.2 | 647.2 |
| 17.5° | 588.2 | 593.3 | 599.4 | 605.5 | 611.6 | 621.1 | 629.2 | 639.4 | 646.5 | 651.6 | 652.2 |
| 20°   | 562.1 | 565.2 | 574.0 | 580.1 | 589.9 | 601.1 | 613.3 | 625.1 | 633.3 | 642.4 | 647.8 |
| 22.5° | 523.5 | 529.6 | 539.4 | 549.9 | 559.7 | 574.3 | 587.2 | 602.8 | 616.7 | 629.2 | 641.1 |
| 25°   | 476.4 | 484.9 | 496.4 | 511.0 | 523.8 | 539.4 | 558.1 | 575.3 | 598.7 | 618.4 | 643.8 |
| 27.5° | 425.6 | 441.2 | 457.1 | 472.3 | 486.6 | 504.2 | 523.5 | 542.8 | 569.6 | 601.1 | 634.3 |
| 30°   | 377.5 | 390.3 | 410.3 | 427.9 | 444.5 | 466.2 | 486.2 | 507.6 | 533.0 | 570.3 | 607.9 |
| 32.5° | 327.3 | 337.8 | 353.4 | 375.1 | 394.4 | 419.8 | 437.4 | 462.8 | 492.3 | 531.6 | 574.3 |
| 35°   | 275.5 | 290.0 | 302.6 | 317.5 | 332.1 | 357.5 | 383.9 | 412.0 | 445.9 | 487.9 | 534.7 |
| 37.5° | 229.7 | 238.9 | 245.0 | 260.2 | 273.1 | 294.8 | 325.6 | 359.5 | 396.8 | 439.5 | 489.6 |
| 40°   | 191.8 | 197.5 | 204.3 | 214.5 | 225.3 | 245.0 | 273.4 | 311.4 | 350.4 | 393.0 | 443.2 |
| 42.5° | 165.7 | 169.4 | 170.1 | 177.9 | 188.1 | 207.4 | 230.1 | 265.0 | 308.0 | 352.7 | 402.9 |
| 45°   | 147.7 | 147.7 | 147.4 | 150.8 | 158.9 | 175.5 | 196.2 | 227.4 | 268.4 | 315.1 | 367.3 |
| 47.5° | 135.2 | 136.2 | 135.9 | 137.2 | 142.6 | 154.8 | 173.5 | 199.9 | 237.2 | 282.9 | 335.4 |
| 50°   | 125.7 | 127.1 | 127.4 | 127.7 | 129.8 | 139.9 | 155.9 | 177.2 | 210.4 | 254.1 | 307.0 |
| 52.5° | 118.3 | 118.6 | 118.6 | 118.3 | 118.9 | 124.7 | 137.9 | 157.6 | 188.4 | 227.7 | 278.5 |
| 55°   | 114.2 | 114.5 | 114.5 | 114.5 | 114.5 | 118.3 | 127.7 | 143.7 | 168.4 | 205.3 | 251.4 |
| 57.5° | 109.4 | 109.4 | 110.1 | 110.1 | 110.1 | 111.5 | 118.3 | 131.5 | 150.4 | 179.9 | 220.9 |
| 60°   | 105.4 | 106.4 | 107.7 | 108.1 | 107.7 | 107.7 | 111.1 | 119.9 | 132.5 | 153.8 | 188.4 |
| 62.5° | 99.3  | 100.6 | 102.3 | 103.0 | 103.3 | 102.7 | 104.4 | 108.1 | 115.5 | 126.7 | 150.1 |
| 63°   | 98.3  | 99.6  | 101.0 | 101.6 | 102.0 | 101.3 | 102.7 | 105.7 | 111.8 | 121.0 | 142.0 |
| 65°   | 93.9  | 95.6  | 95.9  | 96.2  | 95.9  | 95.6  | 95.2  | 95.2  | 96.9  | 100.3 | 111.5 |
| 67.5° | 87.8  | 88.8  | 88.8  | 89.5  | 87.8  | 87.1  | 86.4  | 85.7  | 84.7  | 85.0  | 89.1  |
| 70°   | 80.6  | 81.3  | 81.0  | 80.6  | 80.0  | 78.9  | 78.3  | 77.3  | 75.2  | 74.5  | 76.6  |
| 72.5° | 72.5  | 73.2  | 73.2  | 73.2  | 71.8  | 71.2  | 70.5  | 69.8  | 69.1  | 69.8  | 70.5  |
| 75°   | 65.1  | 65.1  | 65.7  | 65.4  | 64.4  | 63.7  | 63.4  | 63.0  | 63.0  | 63.0  | 62.7  |
| 77.5° | 57.9  | 57.6  | 57.6  | 56.6  | 55.9  | 55.6  | 56.2  | 56.6  | 56.2  | 55.6  | 55.2  |
| 80°   | 51.8  | 50.1  | 48.5  | 47.1  | 46.8  | 47.4  | 48.1  | 50.1  | 49.1  | 49.1  | 48.5  |
| 82.5° | 44.0  | 40.3  | 37.9  | 38.3  | 37.3  | 37.6  | 38.3  | 40.7  | 40.0  | 40.3  | 41.7  |
| 85°   | 35.2  | 31.9  | 28.1  | 28.8  | 28.8  | 28.1  | 29.8  | 30.5  | 31.2  | 32.9  | 31.5  |
| 87.5° | 24.7  | 21.7  | 18.0  | 15.6  | 16.3  | 16.9  | 17.6  | 16.9  | 14.9  | 15.6  | 15.2  |
| 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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**CANDELA DISTRIBUTION (continued):**

|       | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  | 250°   | 255°   | 260°   | 265°   | 270°   |
|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| 0°    | 560.4 | 560.4 | 560.4 | 560.4 | 560.4 | 560.4 | 560.4  | 560.4  | 560.4  | 560.4  | 560.4  |
| 2.5°  | 565.2 | 565.5 | 565.5 | 563.1 | 562.5 | 563.1 | 562.8  | 562.8  | 560.8  | 561.1  | 560.4  |
| 5°    | 585.8 | 586.5 | 584.5 | 582.8 | 580.4 | 580.1 | 579.7  | 578.4  | 577.0  | 574.3  | 573.0  |
| 7.5°  | 607.9 | 604.8 | 604.1 | 601.1 | 600.1 | 597.4 | 595.3  | 593.3  | 591.6  | 590.2  | 589.2  |
| 10°   | 621.8 | 619.4 | 618.7 | 613.3 | 611.6 | 608.2 | 606.2  | 603.8  | 601.8  | 599.7  | 599.4  |
| 12.5° | 634.3 | 630.2 | 627.9 | 620.4 | 617.0 | 613.3 | 611.6  | 609.6  | 608.9  | 608.5  | 609.9  |
| 15°   | 644.1 | 638.4 | 634.0 | 627.2 | 624.5 | 622.4 | 622.8  | 621.8  | 625.8  | 628.2  | 632.6  |
| 17.5° | 650.6 | 648.2 | 647.2 | 642.1 | 643.8 | 643.8 | 648.5  | 650.9  | 658.3  | 664.4  | 670.5  |
| 20°   | 653.9 | 658.3 | 666.8 | 668.5 | 672.6 | 677.0 | 684.1  | 688.2  | 696.0  | 704.8  | 713.2  |
| 22.5° | 657.0 | 675.6 | 692.9 | 705.8 | 714.9 | 725.1 | 730.2  | 738.6  | 744.1  | 750.5  | 763.4  |
| 25°   | 673.9 | 705.1 | 735.6 | 752.2 | 773.9 | 788.5 | 800.0  | 808.4  | 817.9  | 823.4  | 837.9  |
| 27.5° | 669.2 | 708.8 | 749.5 | 780.0 | 813.9 | 841.3 | 865.7  | 882.0  | 894.2  | 913.8  | 926.0  |
| 30°   | 647.5 | 693.6 | 742.7 | 786.1 | 833.5 | 878.2 | 920.6  | 958.6  | 991.1  | 1017.5 | 1035.5 |
| 32.5° | 616.7 | 669.5 | 727.1 | 780.7 | 841.3 | 900.9 | 961.9  | 1019.9 | 1075.1 | 1118.8 | 1146.3 |
| 35°   | 582.1 | 639.0 | 702.7 | 766.1 | 838.9 | 916.9 | 999.2  | 1077.1 | 1157.1 | 1226.9 | 1281.8 |
| 37.5° | 540.1 | 601.8 | 671.6 | 745.1 | 828.8 | 922.3 | 1026.0 | 1132.0 | 1234.0 | 1339.7 | 1417.0 |
| 40°   | 496.0 | 556.4 | 628.9 | 712.9 | 809.5 | 919.6 | 1046.6 | 1184.2 | 1331.9 | 1468.2 | 1585.7 |
| 42.5° | 458.4 | 517.4 | 593.3 | 676.3 | 780.3 | 909.4 | 1060.5 | 1231.0 | 1412.9 | 1589.5 | 1745.7 |
| 45°   | 421.5 | 484.5 | 561.1 | 648.9 | 762.4 | 905.4 | 1078.5 | 1271.6 | 1479.3 | 1688.7 | 1888.0 |
| 47.5° | 392.4 | 454.7 | 532.0 | 626.2 | 747.8 | 903.0 | 1095.4 | 1309.6 | 1533.5 | 1762.6 | 1998.8 |
| 50°   | 364.6 | 424.2 | 499.4 | 598.7 | 732.6 | 899.3 | 1105.6 | 1339.7 | 1575.9 | 1820.5 | 2077.4 |
| 52.5° | 336.1 | 398.1 | 471.3 | 567.5 | 712.6 | 891.8 | 1108.7 | 1363.5 | 1619.6 | 1876.1 | 2150.9 |
| 55°   | 307.3 | 369.3 | 442.5 | 542.1 | 685.5 | 877.2 | 1106.3 | 1380.7 | 1665.4 | 1934.7 | 2218.0 |
| 57.5° | 272.1 | 333.1 | 409.6 | 509.9 | 650.6 | 848.1 | 1094.8 | 1388.2 | 1693.8 | 1989.6 | 2285.4 |
| 60°   | 232.4 | 290.0 | 362.5 | 464.9 | 607.9 | 806.1 | 1069.0 | 1377.7 | 1706.7 | 2025.9 | 2356.9 |
| 62.5° | 182.6 | 232.8 | 299.5 | 401.2 | 545.9 | 745.4 | 1012.8 | 1331.3 | 1675.5 | 2016.7 | 2387.7 |
| 63°   | 171.4 | 219.9 | 288.7 | 384.2 | 527.6 | 724.4 | 996.2  | 1315.3 | 1661.6 | 2008.2 | 2384.0 |
| 65°   | 130.8 | 166.7 | 223.6 | 309.0 | 445.9 | 627.5 | 908.7  | 1225.2 | 1574.2 | 1923.9 | 2325.4 |
| 67.5° | 96.6  | 115.2 | 150.1 | 207.4 | 313.8 | 488.3 | 744.7  | 1058.2 | 1388.5 | 1717.2 | 2125.8 |
| 70°   | 80.0  | 87.1  | 103.3 | 132.8 | 194.1 | 323.9 | 526.2  | 805.4  | 1116.1 | 1399.0 | 1768.0 |
| 72.5° | 71.5  | 76.6  | 84.0  | 97.2  | 122.7 | 190.1 | 342.2  | 522.8  | 777.3  | 1021.9 | 1333.6 |
| 75°   | 64.0  | 67.4  | 73.5  | 81.3  | 92.8  | 118.9 | 180.9  | 310.0  | 475.0  | 688.5  | 914.8  |
| 77.5° | 56.2  | 59.6  | 65.7  | 71.8  | 79.3  | 90.5  | 112.2  | 176.5  | 284.3  | 401.9  | 561.4  |
| 80°   | 48.8  | 50.5  | 55.6  | 64.4  | 69.8  | 78.9  | 86.1   | 110.5  | 154.8  | 210.4  | 299.2  |
| 82.5° | 40.3  | 40.7  | 44.0  | 50.8  | 57.6  | 61.0  | 63.0   | 69.5   | 89.1   | 111.1  | 146.7  |
| 85°   | 28.8  | 27.4  | 29.5  | 32.2  | 37.6  | 34.6  | 36.9   | 39.0   | 47.4   | 57.3   | 105.0  |
| 87.5° | 12.9  | 10.2  | 11.9  | 13.2  | 11.9  | 8.1   | 11.9   | 9.8    | 12.2   | 24.1   | 27.1   |
| 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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REPORT N  
 CATALOG

**CANDELA DISTRIBUTION (continued):**

**CANDELA**

|       | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |       |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 0°    | 560.4  | 560.4  | 560.4  | 560.4  | 560.4  | 560.4  | 560.4  | 560.4  | 560.4  | 560.4  | 560.4  | 0°    |
| 2.5°  | 561.1  | 559.1  | 559.1  | 558.7  | 559.1  | 558.4  | 557.0  | 557.0  | 558.1  | 557.7  | 557.7  | 2.5°  |
| 5°    | 573.0  | 570.3  | 569.6  | 569.2  | 569.2  | 567.5  | 565.5  | 564.5  | 564.2  | 562.8  | 561.8  | 5°    |
| 7.5°  | 588.5  | 586.9  | 587.9  | 585.8  | 585.2  | 584.8  | 582.1  | 580.1  | 577.0  | 575.7  | 570.6  | 7.5°  |
| 10°   | 601.4  | 600.4  | 603.1  | 602.8  | 603.1  | 603.1  | 599.4  | 597.4  | 593.0  | 590.6  | 584.1  | 10°   |
| 12.5° | 612.6  | 613.3  | 618.4  | 618.4  | 619.4  | 620.7  | 618.7  | 614.3  | 612.6  | 610.2  | 603.5  | 12.5° |
| 15°   | 641.1  | 643.8  | 647.5  | 653.6  | 655.3  | 655.6  | 657.3  | 653.6  | 649.2  | 643.1  | 635.0  | 15°   |
| 17.5° | 679.7  | 685.1  | 697.7  | 706.5  | 708.2  | 709.8  | 708.8  | 708.2  | 700.0  | 694.9  | 686.5  | 17.5° |
| 20°   | 728.1  | 741.4  | 759.0  | 771.2  | 776.6  | 777.3  | 784.1  | 779.3  | 771.9  | 761.7  | 749.5  | 20°   |
| 22.5° | 782.4  | 804.4  | 826.7  | 844.7  | 855.2  | 860.0  | 867.1  | 860.3  | 850.5  | 844.4  | 828.1  | 22.5° |
| 25°   | 856.6  | 880.6  | 906.4  | 920.6  | 947.4  | 955.2  | 959.2  | 957.2  | 947.0  | 951.4  | 936.5  | 25°   |
| 27.5° | 958.2  | 978.9  | 1015.1 | 1033.1 | 1058.2 | 1072.7 | 1069.7 | 1086.6 | 1089.7 | 1100.2 | 1101.9 | 27.5° |
| 30°   | 1069.0 | 1103.2 | 1152.0 | 1188.3 | 1226.6 | 1251.3 | 1271.0 | 1285.9 | 1303.1 | 1332.3 | 1349.9 | 30°   |
| 32.5° | 1188.6 | 1238.1 | 1300.4 | 1377.3 | 1458.7 | 1525.1 | 1600.0 | 1612.8 | 1651.5 | 1640.3 | 1632.8 | 32.5° |
| 35°   | 1321.8 | 1384.1 | 1464.1 | 1565.1 | 1683.3 | 1793.1 | 1865.3 | 1901.5 | 1916.8 | 1925.2 | 1873.7 | 35°   |
| 37.5° | 1500.0 | 1584.4 | 1673.5 | 1783.6 | 1874.1 | 1976.7 | 2059.7 | 2149.9 | 2191.2 | 2171.6 | 2073.0 | 37.5° |
| 40°   | 1697.5 | 1776.5 | 1897.1 | 1987.2 | 2094.0 | 2263.0 | 2375.5 | 2484.0 | 2517.8 | 2452.5 | 2297.9 | 40°   |
| 42.5° | 1895.8 | 2004.2 | 2135.0 | 2263.0 | 2385.7 | 2538.9 | 2687.9 | 2795.0 | 2832.3 | 2720.5 | 2537.2 | 42.5° |
| 45°   | 2072.3 | 2211.2 | 2365.0 | 2496.5 | 2667.9 | 2868.2 | 3050.8 | 3136.9 | 3130.1 | 2950.5 | 2744.2 | 45°   |
| 47.5° | 2226.1 | 2406.4 | 2579.9 | 2757.1 | 2929.9 | 3155.9 | 3336.8 | 3435.7 | 3365.6 | 3176.9 | 2943.1 | 47.5° |
| 50°   | 2353.2 | 2571.0 | 2780.4 | 2984.1 | 3196.2 | 3436.4 | 3610.9 | 3702.4 | 3595.7 | 3356.8 | 3095.6 | 50°   |
| 52.5° | 2449.7 | 2719.8 | 2961.0 | 3188.7 | 3442.2 | 3701.7 | 3856.9 | 3912.1 | 3745.8 | 3496.1 | 3209.7 | 52.5° |
| 55°   | 2540.9 | 2846.2 | 3113.2 | 3371.7 | 3687.2 | 3919.9 | 4065.3 | 4055.1 | 3840.3 | 3556.7 | 3281.2 | 55°   |
| 57.5° | 2609.7 | 2953.9 | 3238.2 | 3532.6 | 3872.5 | 4121.2 | 4205.2 | 4138.1 | 3879.6 | 3574.7 | 3301.9 | 57.5° |
| 60°   | 2696.4 | 3038.0 | 3349.3 | 3678.0 | 4048.7 | 4259.1 | 4270.3 | 4150.0 | 3868.4 | 3540.8 | 3272.8 | 60°   |
| 62.5° | 2752.0 | 3090.5 | 3420.2 | 3777.6 | 4182.9 | 4336.7 | 4256.7 | 4098.8 | 3804.0 | 3457.1 | 3206.0 | 62.5° |
| 63°   | 2757.4 | 3095.6 | 3425.9 | 3787.4 | 4201.8 | 4340.1 | 4244.2 | 4075.8 | 3785.1 | 3434.0 | 3188.4 | 63°   |
| 65°   | 2733.0 | 3081.0 | 3399.5 | 3769.8 | 4206.6 | 4300.1 | 4152.4 | 3981.3 | 3680.4 | 3316.5 | 3084.7 | 65°   |
| 67.5° | 2562.6 | 2924.4 | 3228.4 | 3575.7 | 4023.6 | 4075.5 | 3927.4 | 3741.4 | 3458.8 | 3063.0 | 2858.0 | 67.5° |
| 70°   | 2257.3 | 2601.2 | 2816.7 | 3139.3 | 3533.3 | 3595.3 | 3462.8 | 3318.8 | 3067.8 | 2737.1 | 2567.0 | 70°   |
| 72.5° | 1818.5 | 2156.3 | 2285.7 | 2532.8 | 2845.8 | 2832.3 | 2739.1 | 2721.1 | 2589.0 | 2311.5 | 2209.2 | 72.5° |
| 75°   | 1359.4 | 1680.9 | 1735.5 | 1836.1 | 2011.0 | 2006.6 | 2028.2 | 2105.5 | 2171.6 | 2007.6 | 1876.4 | 75°   |
| 77.5° | 896.5  | 1216.4 | 1250.3 | 1367.5 | 1416.0 | 1548.8 | 1704.7 | 1898.8 | 1995.0 | 1927.9 | 1767.0 | 77.5° |
| 80°   | 496.0  | 832.2  | 825.4  | 871.1  | 956.9  | 1150.0 | 1386.2 | 1674.5 | 1867.0 | 1818.8 | 1642.6 | 80°   |
| 82.5° | 257.8  | 525.9  | 518.1  | 526.2  | 605.8  | 768.1  | 947.7  | 1183.5 | 1382.4 | 1386.8 | 1327.5 | 82.5° |
| 85°   | 191.8  | 377.5  | 399.8  | 418.1  | 471.0  | 527.6  | 560.4  | 636.0  | 745.1  | 846.7  | 883.0  | 85°   |
| 87.5° | 70.5   | 226.7  | 282.2  | 303.3  | 304.6  | 297.5  | 242.3  | 266.7  | 242.6  | 287.0  | 400.8  | 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: P146136

NUMBER: LDRV-SLR-F02-E-7050

**DISTRIBUTION (continued):**

| 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|
| 560.4  | 560.4  | 560.4  | 560.4  | 560.4  | 560.4  | 560.4  |
| 558.4  | 558.4  | 558.1  | 558.7  | 559.1  | 560.1  | 559.7  |
| 560.8  | 559.7  | 558.7  | 558.1  | 557.4  | 557.7  | 557.0  |
| 566.9  | 563.5  | 560.8  | 558.4  | 556.4  | 556.0  | 554.0  |
| 580.4  | 574.3  | 569.2  | 565.5  | 561.4  | 559.4  | 555.7  |
| 597.7  | 590.9  | 584.5  | 579.1  | 574.3  | 571.6  | 568.9  |
| 627.9  | 618.0  | 610.2  | 604.5  | 599.7  | 596.7  | 594.0  |
| 672.6  | 660.4  | 648.5  | 637.3  | 636.0  | 628.9  | 628.9  |
| 734.2  | 717.6  | 702.4  | 692.9  | 688.5  | 679.0  | 679.0  |
| 819.6  | 803.4  | 780.7  | 769.1  | 770.2  | 762.0  | 765.8  |
| 930.1  | 916.5  | 893.2  | 888.4  | 888.4  | 879.6  | 866.4  |
| 1095.8 | 1091.0 | 1065.3 | 1071.7 | 1058.2 | 1025.3 | 989.7  |
| 1341.8 | 1341.8 | 1292.0 | 1256.0 | 1224.9 | 1173.7 | 1111.0 |
| 1588.1 | 1555.9 | 1479.7 | 1418.7 | 1354.0 | 1275.7 | 1195.1 |
| 1796.1 | 1710.4 | 1633.2 | 1558.6 | 1461.4 | 1377.3 | 1264.2 |
| 1971.7 | 1890.3 | 1801.9 | 1688.4 | 1574.2 | 1457.0 | 1311.6 |
| 2189.2 | 2090.2 | 1957.4 | 1814.8 | 1674.5 | 1513.2 | 1344.8 |
| 2388.1 | 2264.1 | 2096.3 | 1915.7 | 1737.2 | 1557.3 | 1360.7 |
| 2575.1 | 2415.2 | 2208.2 | 1991.3 | 1788.0 | 1584.4 | 1367.5 |
| 2751.3 | 2536.8 | 2295.9 | 2045.2 | 1822.9 | 1598.9 | 1365.8 |
| 2867.5 | 2625.9 | 2351.1 | 2077.7 | 1843.9 | 1604.0 | 1361.1 |
| 2940.4 | 2680.5 | 2383.7 | 2095.7 | 1854.4 | 1605.0 | 1360.7 |
| 2981.4 | 2711.3 | 2401.3 | 2108.2 | 1865.9 | 1611.1 | 1368.9 |
| 3013.2 | 2735.7 | 2420.9 | 2129.5 | 1893.4 | 1639.6 | 1401.7 |
| 3043.4 | 2799.8 | 2472.1 | 2168.9 | 1941.2 | 1692.8 | 1473.9 |
| 3055.9 | 2921.4 | 2576.1 | 2241.4 | 2007.9 | 1778.2 | 1586.4 |
| 3054.9 | 2944.4 | 2606.3 | 2261.4 | 2025.5 | 1800.9 | 1615.2 |
| 3018.0 | 3017.6 | 2743.5 | 2356.9 | 2107.5 | 1905.9 | 1735.5 |
| 2908.5 | 3054.2 | 2895.3 | 2482.9 | 2234.9 | 2079.1 | 1916.4 |
| 2735.4 | 3009.8 | 2916.0 | 2516.2 | 2325.4 | 2238.0 | 2037.0 |
| 2437.2 | 2797.7 | 2722.5 | 2374.5 | 2294.6 | 2269.1 | 2040.1 |
| 1971.3 | 2249.2 | 2217.0 | 2028.6 | 2058.1 | 2110.2 | 1822.2 |
| 1588.1 | 1579.3 | 1574.5 | 1506.1 | 1631.5 | 1737.5 | 1354.6 |
| 1326.5 | 1092.7 | 1014.8 | 988.4  | 1195.1 | 1276.4 | 840.6  |
| 1240.1 | 981.6  | 787.4  | 754.2  | 895.5  | 938.9  | 506.9  |
| 947.7  | 953.1  | 825.1  | 707.1  | 696.6  | 637.7  | 371.4  |
| 463.9  | 471.7  | 498.4  | 455.0  | 390.3  | 329.0  | 116.9  |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)