

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: P163362

Luminaire Tested: **LDRV-SL2-F04-E-HSS**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P163362
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33726)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: LDRV-SL2-F04-E-HSS
Description: RIDGEVIEW LED AREA/SITE LUMINAIRE
(4) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL AND HOUSE SIDE SHIELD
Light Source: (28) 4000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5872.9 lumens
Efficiency: N/A
Efficacy: 57.5 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.67' x L: 1' x H: 0.1')
IES Classification: Type II - Short - Non-Cutoff
BUG Rating: B0 - U0 - G2

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

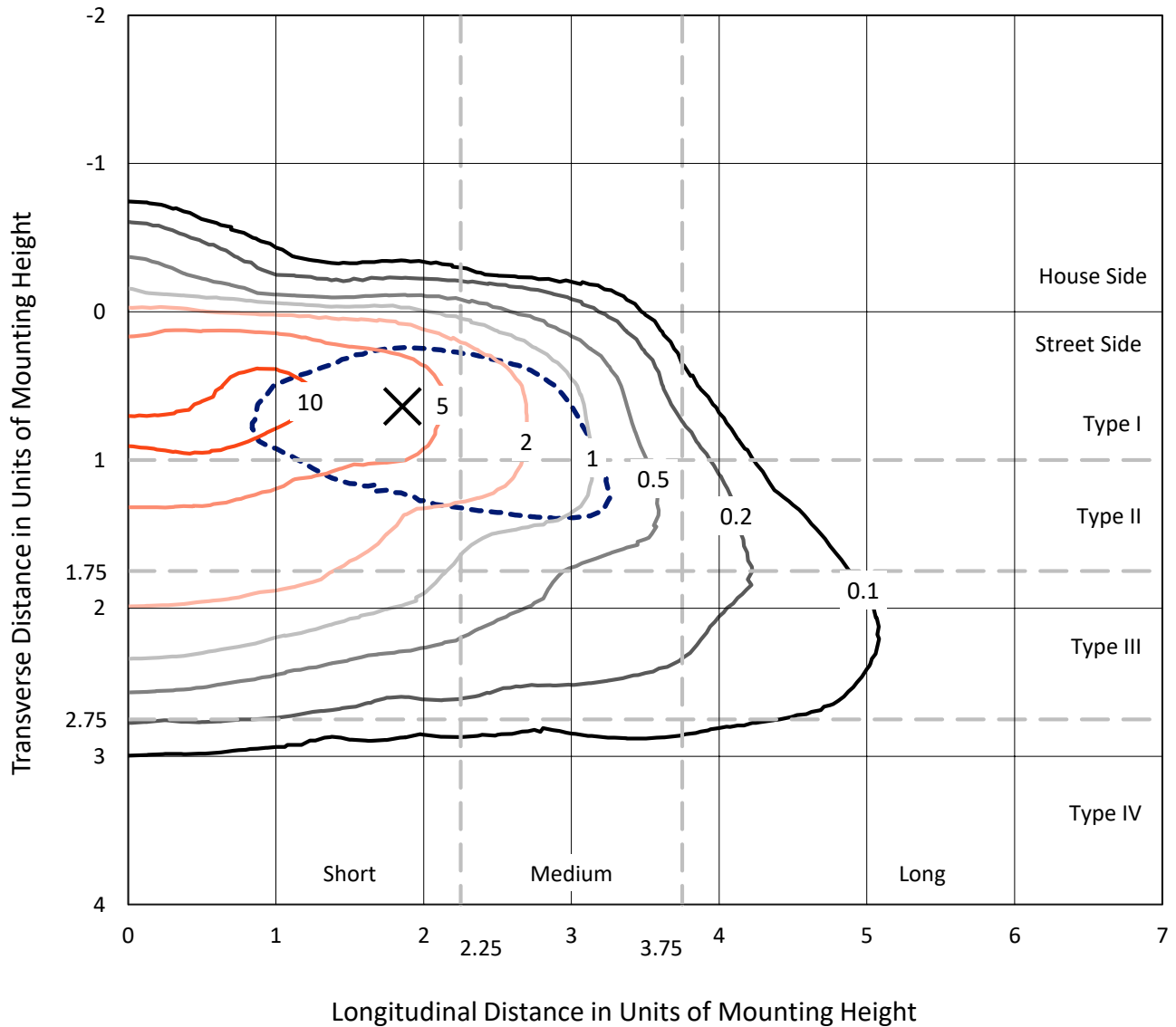


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Iso-Footcandle Lines of Horizontal Illumination

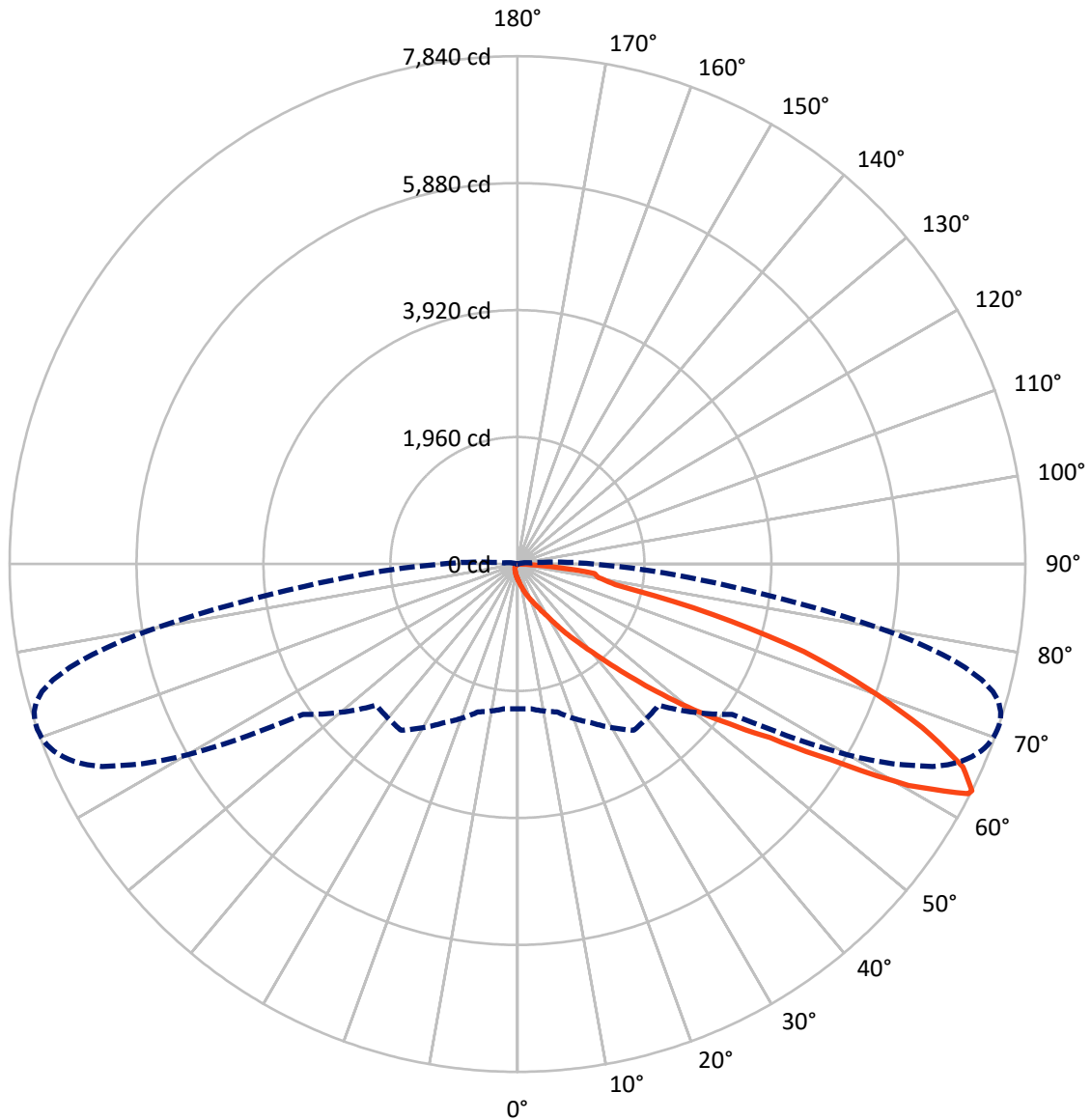
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 12.4 fc
 Type II - Short - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 71-Deg Lateral - - - Horizontal Cone Through 63-Deg Vertical

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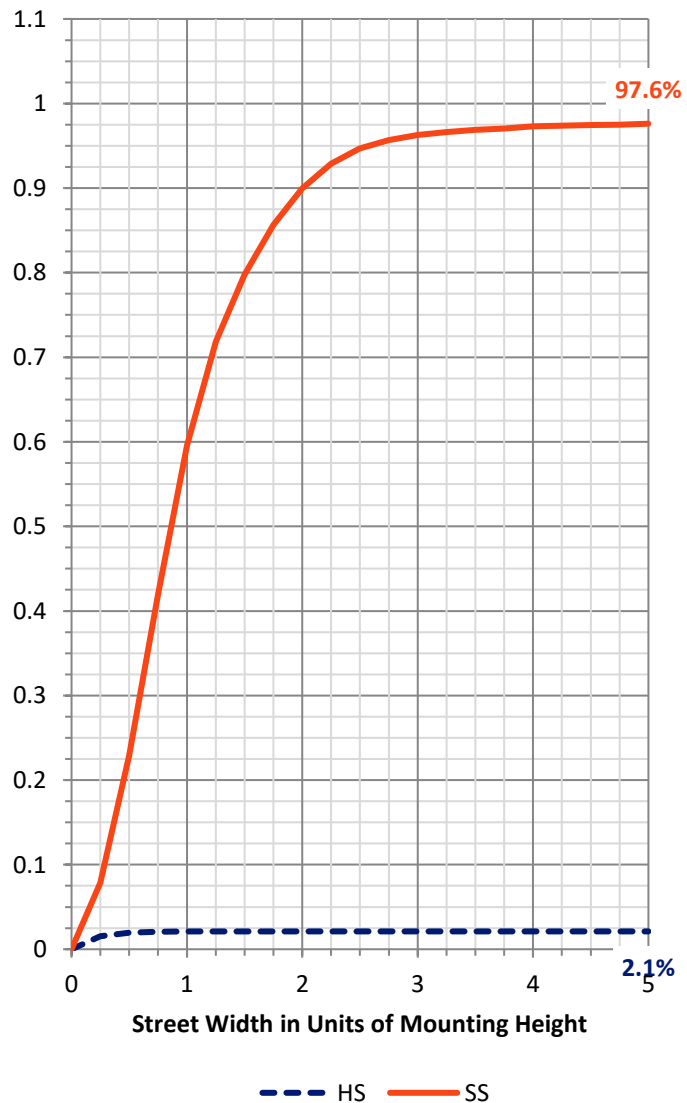
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 124.7 | 0.0 | 124.7 |
| | % Fixture | 2.1 | 0.0 | 2.1 |
| Street Side | Lumens | 5748.3 | 0.0 | 5748.3 |
| | % Fixture | 97.9 | 0.0 | 97.9 |
| Total | Lumens | 5872.9 | 0.0 | 5872.9 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 24.9 | 0.4 |
| 10°-20° | 96.6 | 1.6 |
| 20°-30° | 196.1 | 3.3 |
| 30°-40° | 479.2 | 8.2 |
| 40°-50° | 1071.7 | 18.2 |
| 50°-60° | 1506.9 | 25.7 |
| 60°-70° | 1772.0 | 30.2 |
| 70°-80° | 639.9 | 10.9 |
| 80°-90° | 85.6 | 1.5 |
| 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° | 5872.9 | 100.0 |
| 0°-180° | 5872.9 | 100.0 |



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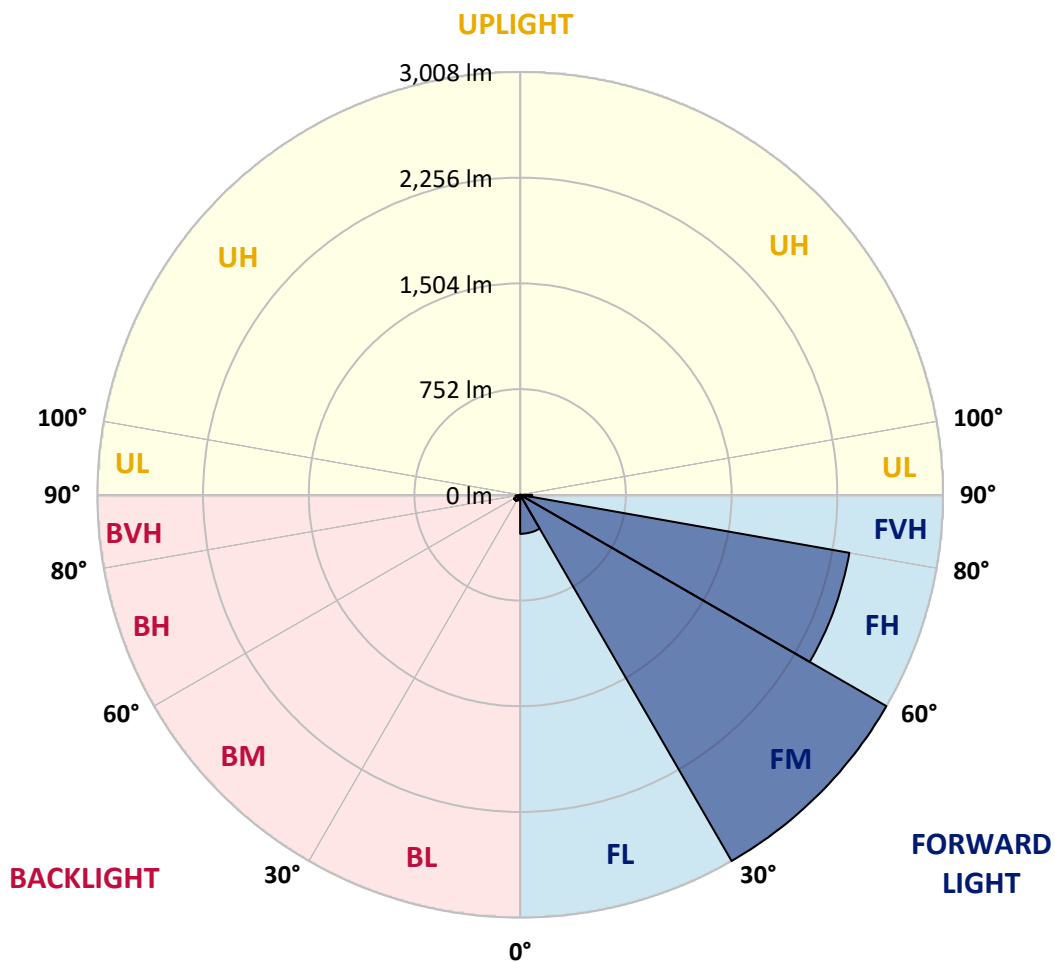
CATALOG NUMBER: LDRV-SL2-F04-E-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 277.5 | 4.7 | | | |
| FM (30°-60°) | 3007.6 | 51.2 | | | |
| FH (60°-80°) | 2377.7 | 40.5 | | | G2/5000 |
| FVH (80°-90°) | 85.4 | 1.5 | | | G1/100 |
| BL (0°-30°) | 40.1 | 0.7 | B0/110 | | |
| BM (30°-60°) | 50.2 | 0.9 | B0/220 | | |
| BH (60°-80°) | 34.2 | 0.6 | B0/110 | | G0/110 |
| BVH (80°-90°) | 0.2 | 0.0 | | | G0/10 |
| UL (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B0-U0-G2

Type II Short





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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 56° | 57° | 58° | 59° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 225.3 | 225.3 | 225.3 | 225.3 | 225.3 | 225.3 | 225.3 | 225.3 | 225.3 | 225.3 | 225.3 |
| 2.5° | 294.7 | 297.8 | 295.7 | 290.4 | 284.0 | 275.5 | 268.0 | 268.0 | 266.9 | 263.7 | 264.8 |
| 5° | 386.5 | 387.5 | 383.3 | 370.5 | 358.7 | 340.6 | 320.3 | 318.2 | 316.0 | 312.8 | 311.8 |
| 7.5° | 476.2 | 480.5 | 476.2 | 462.3 | 438.8 | 411.0 | 379.0 | 375.8 | 369.4 | 369.4 | 365.1 |
| 10° | 568.0 | 568.0 | 563.7 | 547.7 | 526.4 | 486.9 | 446.3 | 441.0 | 433.5 | 431.3 | 424.9 |
| 12.5° | 633.1 | 633.1 | 631.0 | 622.4 | 605.3 | 570.1 | 521.0 | 515.7 | 506.1 | 502.8 | 495.4 |
| 15° | 658.8 | 658.8 | 659.8 | 667.3 | 668.3 | 652.4 | 601.1 | 596.8 | 587.2 | 578.7 | 575.5 |
| 17.5° | 674.8 | 673.7 | 673.7 | 684.4 | 703.6 | 714.2 | 681.2 | 676.9 | 666.2 | 661.9 | 651.3 |
| 20° | 710.0 | 707.8 | 701.4 | 701.4 | 719.6 | 757.0 | 757.0 | 755.9 | 744.2 | 741.0 | 735.6 |
| 22.5° | 762.3 | 760.2 | 741.0 | 724.9 | 733.5 | 780.5 | 824.3 | 822.1 | 817.9 | 813.6 | 810.3 |
| 25° | 847.7 | 840.3 | 807.2 | 760.2 | 752.7 | 802.9 | 875.5 | 880.8 | 884.0 | 884.0 | 886.2 |
| 27.5° | 976.9 | 967.3 | 908.6 | 821.0 | 787.9 | 839.2 | 932.1 | 942.7 | 952.4 | 954.5 | 964.1 |
| 30° | 1156.3 | 1139.2 | 1054.9 | 926.8 | 851.0 | 892.6 | 1015.3 | 1027.1 | 1041.0 | 1045.2 | 1060.2 |
| 32.5° | 1450.9 | 1441.4 | 1360.2 | 1168.0 | 1005.8 | 997.2 | 1131.7 | 1146.7 | 1164.8 | 1172.3 | 1190.5 |
| 35° | 1899.4 | 1901.5 | 1835.3 | 1662.3 | 1438.1 | 1320.7 | 1339.9 | 1352.7 | 1359.1 | 1381.5 | 1391.2 |
| 37.5° | 2203.7 | 2209.0 | 2224.0 | 2155.6 | 1995.5 | 1875.9 | 1725.3 | 1739.2 | 1706.1 | 1709.4 | 1710.4 |
| 40° | 2370.2 | 2387.3 | 2474.9 | 2541.0 | 2528.2 | 2458.8 | 2338.2 | 2345.7 | 2283.7 | 2269.9 | 2202.6 |
| 42.5° | 2481.3 | 2503.7 | 2643.5 | 2848.5 | 2953.2 | 3016.1 | 2988.4 | 2985.2 | 2937.2 | 2919.0 | 2862.4 |
| 45° | 2550.7 | 2570.9 | 2747.1 | 3049.3 | 3290.5 | 3474.2 | 3550.0 | 3558.5 | 3518.0 | 3499.8 | 3452.8 |
| 47.5° | 2547.4 | 2570.9 | 2759.9 | 3124.0 | 3479.6 | 3773.1 | 3986.7 | 3997.3 | 4021.9 | 4005.9 | 4009.1 |
| 50° | 2406.5 | 2429.0 | 2619.0 | 2996.9 | 3424.0 | 3909.8 | 4300.6 | 4334.7 | 4374.2 | 4400.9 | 4413.7 |
| 52.5° | 2235.7 | 2251.7 | 2420.4 | 2779.1 | 3187.0 | 3853.2 | 4486.4 | 4545.1 | 4603.8 | 4654.0 | 4689.2 |
| 55° | 2172.7 | 2190.9 | 2323.2 | 2621.1 | 2996.9 | 3616.2 | 4572.8 | 4659.3 | 4742.6 | 4824.8 | 4892.1 |
| 57.5° | 2205.8 | 2222.9 | 2317.9 | 2546.4 | 2883.8 | 3366.4 | 4597.4 | 4731.9 | 4868.5 | 5002.0 | 5134.4 |
| 60° | 2327.5 | 2345.7 | 2426.8 | 2615.8 | 2853.9 | 3222.2 | 4501.3 | 4724.4 | 4951.8 | 5184.6 | 5403.5 |
| 62.5° | 2279.4 | 2287.0 | 2406.5 | 2737.5 | 3067.4 | 3099.4 | 4152.2 | 4463.9 | 4810.9 | 5169.6 | 5523.0 |
| 63° | 2233.5 | 2242.1 | 2363.8 | 2704.4 | 3132.6 | 3081.3 | 4044.3 | 4373.2 | 4739.4 | 5125.8 | 5510.2 |
| 65° | 2025.4 | 2026.4 | 2119.4 | 2388.3 | 3059.9 | 3113.4 | 3563.9 | 3877.8 | 4298.4 | 4761.8 | 5247.6 |
| 67.5° | 1511.8 | 1504.4 | 1594.1 | 1799.0 | 2402.3 | 3114.4 | 3058.9 | 3235.0 | 3527.6 | 3938.6 | 4374.2 |
| 70° | 536.0 | 524.2 | 669.4 | 953.4 | 1496.8 | 2547.4 | 2628.6 | 2640.4 | 2721.5 | 2943.6 | 3216.9 |
| 72.5° | 174.0 | 177.3 | 213.5 | 349.1 | 689.7 | 1714.6 | 2379.8 | 2343.5 | 2322.2 | 2321.1 | 2357.4 |
| 75° | 69.4 | 70.5 | 85.4 | 154.8 | 309.6 | 826.4 | 2084.1 | 2104.4 | 2111.8 | 2122.5 | 2134.3 |
| 77.5° | 33.1 | 36.3 | 48.0 | 86.4 | 153.7 | 408.9 | 1491.6 | 1663.4 | 1761.7 | 1837.5 | 1883.4 |
| 80° | 11.8 | 13.9 | 26.7 | 53.4 | 71.5 | 187.9 | 785.8 | 948.1 | 1092.2 | 1278.0 | 1438.1 |
| 82.5° | 0.0 | 0.0 | 5.3 | 37.4 | 39.5 | 75.8 | 322.4 | 378.0 | 432.4 | 560.5 | 719.6 |
| 85° | 0.0 | 0.0 | 0.0 | 10.7 | 11.8 | 12.8 | 108.9 | 131.3 | 147.3 | 171.9 | 198.6 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.1 | 3.2 | 6.4 | 16.0 | 24.6 |
| 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: LDRV-SL2-F04-E-HSS

CANDELA DISTRIBUTION (continued):

| | 60° | 61° | 62° | 64° | 65° | 66° | 67° | 68° | 69° | 70° | 71° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 225.3 | 225.3 | 225.3 | 225.3 | 225.3 | 225.3 | 225.3 | 225.3 | 225.3 | 225.3 | 225.3 |
| 2.5° | 262.6 | 261.6 | 261.6 | 259.4 | 258.4 | 256.2 | 255.2 | 252.0 | 250.9 | 250.9 | 250.9 |
| 5° | 310.7 | 306.4 | 304.3 | 299.0 | 295.7 | 294.7 | 289.3 | 287.2 | 284.0 | 285.0 | 279.8 |
| 7.5° | 364.1 | 356.6 | 353.4 | 345.9 | 343.8 | 336.3 | 334.2 | 328.8 | 325.7 | 319.2 | 317.1 |
| 10° | 422.8 | 413.2 | 407.9 | 396.1 | 392.9 | 387.5 | 381.1 | 374.7 | 369.4 | 363.0 | 359.8 |
| 12.5° | 490.0 | 481.5 | 477.2 | 461.2 | 453.8 | 446.3 | 437.7 | 429.2 | 420.7 | 415.3 | 407.9 |
| 15° | 569.1 | 555.2 | 550.9 | 536.0 | 523.2 | 513.5 | 501.8 | 491.2 | 484.7 | 474.0 | 466.6 |
| 17.5° | 647.0 | 633.1 | 629.9 | 607.5 | 593.7 | 587.2 | 574.4 | 560.5 | 548.8 | 538.1 | 526.4 |
| 20° | 724.9 | 715.4 | 706.8 | 685.4 | 670.5 | 659.8 | 642.7 | 628.9 | 619.3 | 604.3 | 589.4 |
| 22.5° | 802.9 | 793.3 | 786.9 | 764.4 | 750.6 | 735.6 | 720.7 | 705.7 | 691.9 | 673.7 | 656.6 |
| 25° | 883.0 | 876.6 | 873.3 | 853.1 | 840.3 | 826.4 | 811.5 | 794.4 | 777.2 | 757.0 | 738.8 |
| 27.5° | 966.3 | 968.4 | 962.0 | 957.7 | 943.8 | 934.2 | 910.7 | 899.0 | 886.2 | 861.6 | 839.2 |
| 30° | 1071.9 | 1078.3 | 1076.2 | 1079.4 | 1070.9 | 1064.5 | 1046.3 | 1031.4 | 1016.5 | 992.9 | 967.3 |
| 32.5° | 1205.4 | 1213.9 | 1218.2 | 1230.0 | 1225.7 | 1223.6 | 1218.2 | 1196.9 | 1186.2 | 1145.6 | 1134.9 |
| 35° | 1411.4 | 1407.2 | 1425.3 | 1435.0 | 1430.7 | 1428.6 | 1422.1 | 1410.4 | 1397.6 | 1368.7 | 1342.0 |
| 37.5° | 1679.4 | 1683.7 | 1690.1 | 1670.9 | 1658.1 | 1657.0 | 1637.8 | 1626.1 | 1607.9 | 1575.9 | 1543.9 |
| 40° | 2170.5 | 2143.9 | 2114.0 | 2032.8 | 1997.6 | 1977.3 | 1920.8 | 1904.7 | 1873.7 | 1830.0 | 1796.9 |
| 42.5° | 2809.0 | 2782.3 | 2692.7 | 2557.1 | 2484.4 | 2384.1 | 2338.2 | 2281.6 | 2237.8 | 2166.3 | 2127.9 |
| 45° | 3443.2 | 3366.4 | 3355.7 | 3197.7 | 3108.0 | 2975.6 | 2893.4 | 2798.3 | 2699.1 | 2605.1 | 2536.8 |
| 47.5° | 3978.1 | 3961.1 | 3908.8 | 3812.7 | 3729.4 | 3618.3 | 3512.6 | 3366.4 | 3263.9 | 3130.4 | 3007.6 |
| 50° | 4406.3 | 4405.2 | 4386.0 | 4330.4 | 4261.1 | 4171.4 | 4078.5 | 3954.7 | 3838.3 | 3674.9 | 3543.6 |
| 52.5° | 4726.6 | 4743.7 | 4750.1 | 4733.0 | 4706.3 | 4627.3 | 4580.3 | 4476.7 | 4378.5 | 4239.7 | 4097.7 |
| 55° | 4961.5 | 5024.5 | 5056.5 | 5092.8 | 5085.3 | 5057.6 | 5055.4 | 4988.2 | 4943.3 | 4833.3 | 4733.0 |
| 57.5° | 5251.9 | 5355.4 | 5454.7 | 5630.9 | 5637.3 | 5699.2 | 5731.3 | 5763.3 | 5771.8 | 5728.0 | 5694.9 |
| 60° | 5621.3 | 5832.7 | 6020.6 | 6388.9 | 6485.0 | 6636.6 | 6734.8 | 6841.6 | 6932.4 | 6939.8 | 6937.7 |
| 62.5° | 5881.8 | 6207.4 | 6510.6 | 7057.3 | 7244.1 | 7419.2 | 7550.5 | 7654.1 | 7717.1 | 7781.1 | 7811.1 |
| 63° | 5889.2 | 6245.9 | 6568.3 | 7132.0 | 7328.5 | 7495.0 | 7619.9 | 7716.0 | 7782.3 | 7820.7 | 7839.9 |
| 65° | 5708.8 | 6141.2 | 6525.6 | 7087.2 | 7271.9 | 7439.5 | 7504.6 | 7567.6 | 7599.7 | 7614.6 | 7558.0 |
| 67.5° | 4838.7 | 5261.5 | 5709.9 | 6337.7 | 6495.7 | 6696.4 | 6749.8 | 6781.9 | 6796.8 | 6793.5 | 6745.5 |
| 70° | 3618.3 | 3972.8 | 4471.4 | 5188.9 | 5398.1 | 5594.5 | 5716.3 | 5768.6 | 5785.7 | 5780.3 | 5708.8 |
| 72.5° | 2526.1 | 2734.3 | 3145.4 | 3944.0 | 4229.1 | 4481.0 | 4631.5 | 4709.5 | 4725.5 | 4693.5 | 4627.3 |
| 75° | 2121.5 | 2132.2 | 2225.0 | 2661.7 | 2928.6 | 3197.7 | 3367.4 | 3416.6 | 3384.5 | 3287.4 | 3118.6 |
| 77.5° | 1894.0 | 1917.5 | 1917.5 | 1982.6 | 2035.0 | 2109.7 | 2125.8 | 2006.2 | 1867.3 | 1688.0 | 1542.8 |
| 80° | 1588.7 | 1670.9 | 1728.6 | 1776.6 | 1781.9 | 1767.0 | 1727.5 | 1660.2 | 1553.4 | 1416.8 | 1265.2 |
| 82.5° | 965.2 | 1127.5 | 1193.6 | 1441.4 | 1563.1 | 1645.3 | 1638.9 | 1549.2 | 1468.0 | 1326.1 | 1196.9 |
| 85° | 243.4 | 262.6 | 285.0 | 370.5 | 415.3 | 507.1 | 564.8 | 591.5 | 601.1 | 552.0 | 499.7 |
| 87.5° | 23.5 | 16.0 | 26.7 | 20.3 | 28.8 | 21.3 | 28.8 | 26.7 | 33.1 | 35.2 | 38.4 |
| 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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CATALOG NUMBER: LDRV-SL2-F04-E-HSS

CANDELA DISTRIBUTION (continued):

| | 72° | 73° | 74° | 75° | 76° | 77° | 78° | 79° | 80° | 81° | 82° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 225.3 | 225.3 | 225.3 | 225.3 | 225.3 | 225.3 | 225.3 | 225.3 | 225.3 | 225.3 | 225.3 |
| 2.5° | 248.8 | 247.7 | 246.6 | 245.5 | 244.5 | 243.4 | 241.3 | 241.3 | 239.1 | 238.1 | 237.0 |
| 5° | 276.5 | 274.4 | 273.3 | 271.2 | 268.0 | 265.8 | 262.6 | 258.4 | 255.2 | 254.1 | 252.0 |
| 7.5° | 311.8 | 306.4 | 304.3 | 301.1 | 296.8 | 290.4 | 286.2 | 282.9 | 277.6 | 274.4 | 268.0 |
| 10° | 351.3 | 345.9 | 339.5 | 333.1 | 326.7 | 319.2 | 313.9 | 309.6 | 301.1 | 296.8 | 289.3 |
| 12.5° | 401.5 | 391.8 | 384.4 | 375.8 | 367.3 | 358.7 | 352.3 | 339.5 | 332.1 | 322.4 | 316.0 |
| 15° | 452.7 | 444.1 | 435.6 | 424.9 | 412.1 | 398.2 | 391.8 | 380.1 | 370.5 | 355.5 | 347.0 |
| 17.5° | 514.6 | 498.6 | 485.8 | 473.0 | 461.2 | 448.4 | 435.6 | 417.5 | 403.6 | 390.8 | 373.7 |
| 20° | 575.5 | 556.3 | 542.4 | 525.3 | 508.2 | 487.9 | 473.0 | 460.2 | 441.0 | 423.9 | 405.7 |
| 22.5° | 640.6 | 621.4 | 598.9 | 581.9 | 558.4 | 542.4 | 522.1 | 500.7 | 481.5 | 459.1 | 436.7 |
| 25° | 719.6 | 699.3 | 673.7 | 651.3 | 624.6 | 602.2 | 577.6 | 553.0 | 529.6 | 504.0 | 475.1 |
| 27.5° | 816.7 | 795.4 | 767.7 | 741.0 | 705.7 | 678.0 | 654.5 | 621.4 | 591.5 | 559.4 | 526.4 |
| 30° | 939.6 | 916.1 | 881.9 | 843.5 | 808.2 | 777.2 | 744.2 | 700.4 | 667.3 | 628.9 | 586.1 |
| 32.5° | 1099.7 | 1071.9 | 1026.0 | 989.7 | 946.0 | 905.4 | 859.5 | 815.7 | 768.7 | 718.5 | 669.4 |
| 35° | 1301.5 | 1275.9 | 1222.5 | 1169.1 | 1121.1 | 1073.0 | 1015.3 | 965.2 | 899.0 | 838.1 | 775.1 |
| 37.5° | 1510.8 | 1464.8 | 1415.7 | 1358.1 | 1298.3 | 1240.6 | 1170.1 | 1100.8 | 1025.0 | 958.8 | 879.7 |
| 40° | 1749.9 | 1694.4 | 1653.8 | 1591.9 | 1507.5 | 1425.3 | 1360.2 | 1273.8 | 1178.7 | 1090.1 | 997.2 |
| 42.5° | 2077.7 | 2015.7 | 1943.2 | 1849.2 | 1788.4 | 1692.3 | 1607.9 | 1505.4 | 1380.5 | 1281.2 | 1169.1 |
| 45° | 2456.7 | 2372.4 | 2301.9 | 2211.2 | 2137.4 | 2017.9 | 1919.6 | 1783.0 | 1658.1 | 1527.8 | 1391.2 |
| 47.5° | 2889.1 | 2784.5 | 2682.0 | 2592.3 | 2474.9 | 2357.4 | 2232.5 | 2087.3 | 1927.2 | 1784.1 | 1621.8 |
| 50° | 3385.6 | 3237.2 | 3095.2 | 2979.9 | 2818.7 | 2683.0 | 2547.4 | 2384.1 | 2206.9 | 2042.5 | 1857.8 |
| 52.5° | 3937.6 | 3765.6 | 3577.8 | 3400.5 | 3213.7 | 3039.6 | 2876.3 | 2688.4 | 2490.8 | 2290.1 | 2084.1 |
| 55° | 4603.8 | 4474.6 | 4253.6 | 4028.3 | 3778.5 | 3545.7 | 3335.4 | 3102.7 | 2862.4 | 2598.7 | 2381.9 |
| 57.5° | 5646.9 | 5583.9 | 5399.2 | 5173.9 | 4848.3 | 4565.4 | 4208.7 | 3923.7 | 3575.6 | 3212.6 | 2932.9 |
| 60° | 7060.5 | 6982.6 | 6879.0 | 6696.4 | 6438.0 | 6053.7 | 5660.8 | 5217.7 | 4688.1 | 4185.3 | 3708.0 |
| 62.5° | 7814.3 | 7786.5 | 7702.1 | 7576.1 | 7334.9 | 7031.7 | 6635.6 | 6148.7 | 5550.8 | 4940.1 | 4331.5 |
| 63° | 7836.7 | 7801.5 | 7728.8 | 7600.7 | 7388.2 | 7094.6 | 6706.0 | 6233.0 | 5648.0 | 5025.5 | 4404.1 |
| 65° | 7533.5 | 7519.6 | 7445.9 | 7306.0 | 7160.9 | 6936.7 | 6635.6 | 6228.8 | 5737.7 | 5149.4 | 4531.2 |
| 67.5° | 6681.5 | 6639.8 | 6526.7 | 6483.9 | 6382.5 | 6226.6 | 5997.1 | 5717.4 | 5366.1 | 4903.8 | 4369.9 |
| 70° | 5651.1 | 5589.3 | 5447.2 | 5371.5 | 5247.6 | 5149.4 | 5009.5 | 4809.8 | 4593.1 | 4270.7 | 3872.4 |
| 72.5° | 4558.9 | 4430.8 | 4300.6 | 4103.1 | 3930.1 | 3755.0 | 3600.1 | 3459.2 | 3221.1 | 3090.9 | 2788.8 |
| 75° | 2960.7 | 2727.9 | 2504.8 | 2205.8 | 1936.7 | 1698.7 | 1467.0 | 1349.5 | 1105.0 | 1005.8 | 863.8 |
| 77.5° | 1405.0 | 1274.8 | 1099.7 | 964.1 | 791.1 | 646.0 | 527.4 | 396.1 | 310.7 | 243.4 | 185.8 |
| 80° | 1133.9 | 1023.9 | 918.2 | 795.4 | 665.2 | 530.6 | 406.8 | 304.3 | 215.7 | 149.5 | 105.7 |
| 82.5° | 1011.1 | 891.5 | 761.3 | 676.9 | 588.3 | 481.5 | 395.1 | 322.4 | 238.1 | 174.0 | 118.5 |
| 85° | 392.9 | 331.0 | 255.2 | 208.2 | 162.3 | 133.5 | 120.7 | 83.3 | 65.1 | 51.2 | 39.5 |
| 87.5° | 34.1 | 27.7 | 22.4 | 14.9 | 16.0 | 8.5 | 9.6 | 6.4 | 5.3 | 5.3 | 4.3 |
| 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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CANDELA DISTRIBUTION (continued):

| | 83° | 84° | 85° | 86° | 87° | 88° | 89° | 90° | 95° | 105° | 115° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|
| 0° | 225.3 | 225.3 | 225.3 | 225.3 | 225.3 | 225.3 | 225.3 | 225.3 | 225.3 | 225.3 | 225.3 |
| 2.5° | 236.0 | 234.9 | 233.8 | 231.7 | 231.7 | 229.6 | 228.5 | 227.4 | 222.1 | 210.3 | 200.7 |
| 5° | 247.7 | 245.5 | 243.4 | 240.2 | 238.1 | 234.9 | 232.7 | 229.6 | 217.8 | 195.4 | 176.1 |
| 7.5° | 264.8 | 260.5 | 257.3 | 250.9 | 247.7 | 243.4 | 240.2 | 234.9 | 215.7 | 181.5 | 154.8 |
| 10° | 285.0 | 277.6 | 272.2 | 264.8 | 258.4 | 253.0 | 247.7 | 240.2 | 213.5 | 166.6 | 135.6 |
| 12.5° | 309.6 | 301.1 | 290.4 | 281.9 | 273.3 | 265.8 | 258.4 | 248.8 | 210.3 | 153.7 | 120.7 |
| 15° | 334.2 | 321.4 | 313.9 | 302.1 | 290.4 | 279.8 | 269.1 | 260.5 | 211.4 | 139.9 | 107.8 |
| 17.5° | 361.9 | 349.1 | 333.1 | 320.3 | 307.5 | 293.6 | 280.8 | 263.7 | 206.1 | 129.2 | 98.2 |
| 20° | 388.7 | 370.5 | 355.5 | 339.5 | 321.4 | 304.3 | 288.3 | 273.3 | 201.8 | 118.5 | 89.7 |
| 22.5° | 417.5 | 396.1 | 376.9 | 356.6 | 334.2 | 315.0 | 295.7 | 276.5 | 194.3 | 108.9 | 82.2 |
| 25° | 452.7 | 428.2 | 400.3 | 375.8 | 352.3 | 328.8 | 304.3 | 280.8 | 186.8 | 100.4 | 76.9 |
| 27.5° | 495.4 | 463.4 | 435.6 | 404.6 | 371.6 | 341.6 | 315.0 | 289.3 | 179.4 | 94.0 | 71.5 |
| 30° | 549.9 | 512.5 | 473.0 | 433.5 | 398.2 | 364.1 | 326.7 | 294.7 | 171.9 | 87.6 | 66.2 |
| 32.5° | 622.4 | 575.5 | 527.4 | 481.5 | 434.6 | 390.8 | 351.3 | 309.6 | 167.6 | 82.2 | 60.8 |
| 35° | 718.5 | 657.7 | 598.9 | 541.3 | 484.7 | 431.3 | 380.1 | 333.1 | 167.6 | 75.8 | 54.4 |
| 37.5° | 809.3 | 738.8 | 664.1 | 592.5 | 525.3 | 463.4 | 402.5 | 345.9 | 159.1 | 70.5 | 49.1 |
| 40° | 907.5 | 823.1 | 735.6 | 651.3 | 570.1 | 493.3 | 423.9 | 358.7 | 151.6 | 64.1 | 43.8 |
| 42.5° | 1058.1 | 951.3 | 837.1 | 738.8 | 641.7 | 546.6 | 460.2 | 383.3 | 142.0 | 57.7 | 38.4 |
| 45° | 1255.6 | 1120.0 | 985.5 | 865.9 | 742.0 | 625.7 | 523.2 | 428.2 | 139.9 | 52.3 | 33.1 |
| 47.5° | 1467.0 | 1306.8 | 1148.8 | 996.1 | 851.0 | 715.4 | 592.5 | 478.3 | 139.9 | 47.0 | 28.8 |
| 50° | 1677.3 | 1476.6 | 1307.9 | 1130.6 | 967.3 | 807.2 | 660.9 | 530.6 | 140.9 | 42.7 | 23.5 |
| 52.5° | 1867.3 | 1652.8 | 1463.8 | 1258.8 | 1078.3 | 892.6 | 733.5 | 581.9 | 138.8 | 37.4 | 19.2 |
| 55° | 2131.0 | 1879.1 | 1660.2 | 1433.9 | 1222.5 | 1013.2 | 832.8 | 658.8 | 139.9 | 33.1 | 16.0 |
| 57.5° | 2616.8 | 2321.1 | 2057.4 | 1760.6 | 1517.2 | 1247.0 | 1028.1 | 816.7 | 152.7 | 27.7 | 11.8 |
| 60° | 3314.1 | 2929.7 | 2559.2 | 2197.3 | 1887.6 | 1566.3 | 1282.3 | 1033.5 | 179.4 | 22.4 | 8.5 |
| 62.5° | 3782.8 | 3279.8 | 2837.9 | 2438.5 | 2078.7 | 1742.5 | 1432.8 | 1149.9 | 197.5 | 18.2 | 5.3 |
| 63° | 3830.8 | 3310.8 | 2866.7 | 2454.6 | 2087.3 | 1751.0 | 1439.2 | 1158.4 | 198.6 | 17.1 | 5.3 |
| 65° | 3921.6 | 3364.2 | 2882.7 | 2457.8 | 2078.7 | 1739.2 | 1435.0 | 1157.3 | 200.7 | 13.9 | 4.3 |
| 67.5° | 3818.0 | 3282.0 | 2789.8 | 2366.0 | 2004.0 | 1669.8 | 1381.5 | 1114.7 | 199.6 | 9.6 | 3.2 |
| 70° | 3414.4 | 2970.2 | 2537.9 | 2142.8 | 1814.0 | 1511.8 | 1257.7 | 1016.5 | 183.7 | 6.4 | 2.1 |
| 72.5° | 2506.9 | 2204.7 | 1869.5 | 1584.4 | 1366.6 | 1134.9 | 968.4 | 763.4 | 142.0 | 4.3 | 1.1 |
| 75° | 743.1 | 676.9 | 569.1 | 501.8 | 443.1 | 366.2 | 325.7 | 254.1 | 72.6 | 2.1 | 0.0 |
| 77.5° | 148.4 | 134.5 | 120.7 | 110.0 | 103.6 | 88.6 | 84.3 | 69.4 | 29.9 | 1.1 | 0.0 |
| 80° | 77.9 | 64.1 | 54.4 | 48.0 | 41.6 | 34.1 | 28.8 | 23.5 | 5.3 | 0.0 | 0.0 |
| 82.5° | 74.8 | 50.2 | 36.3 | 29.9 | 25.6 | 20.3 | 16.0 | 11.8 | 3.2 | 0.0 | 0.0 |
| 85° | 27.7 | 21.3 | 16.0 | 12.8 | 10.7 | 9.6 | 7.5 | 6.4 | 0.0 | 0.0 | 0.0 |
| 87.5° | 4.3 | 3.2 | 3.2 | 2.1 | 2.1 | 1.1 | 1.1 | 1.1 | 0.0 | 0.0 | 0.0 |
| 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-SL2-F04-E-HSS

CANDELA DISTRIBUTION (continued):

| | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 225.3 | 225.3 | 225.3 | 225.3 | 225.3 | 225.3 | 225.3 |
| 2.5° | 191.1 | 182.5 | 178.3 | 173.0 | 173.0 | 171.9 | 174.0 |
| 5° | 159.1 | 147.3 | 138.8 | 132.4 | 133.5 | 130.2 | 131.3 |
| 7.5° | 134.5 | 122.8 | 115.3 | 111.0 | 110.0 | 108.9 | 108.9 |
| 10° | 116.4 | 105.7 | 99.3 | 96.1 | 95.0 | 95.0 | 95.0 |
| 12.5° | 103.6 | 92.9 | 87.6 | 85.4 | 85.4 | 84.3 | 84.3 |
| 15° | 92.9 | 84.3 | 79.0 | 76.9 | 76.9 | 75.8 | 76.9 |
| 17.5° | 84.3 | 75.8 | 71.5 | 69.4 | 69.4 | 68.4 | 68.4 |
| 20° | 76.9 | 69.4 | 65.1 | 61.9 | 61.9 | 60.8 | 61.9 |
| 22.5° | 70.5 | 63.0 | 57.7 | 55.5 | 54.4 | 53.4 | 54.4 |
| 25° | 64.1 | 56.6 | 51.2 | 48.0 | 47.0 | 47.0 | 45.9 |
| 27.5° | 58.7 | 51.2 | 44.8 | 41.6 | 40.5 | 40.5 | 39.5 |
| 30° | 53.4 | 44.8 | 38.4 | 35.2 | 34.1 | 34.1 | 34.1 |
| 32.5° | 48.0 | 38.4 | 33.1 | 29.9 | 28.8 | 28.8 | 28.8 |
| 35° | 42.7 | 33.1 | 27.7 | 24.6 | 23.5 | 23.5 | 23.5 |
| 37.5° | 36.3 | 27.7 | 21.3 | 19.2 | 18.2 | 17.1 | 17.1 |
| 40° | 31.0 | 21.3 | 16.0 | 13.9 | 11.8 | 11.8 | 11.8 |
| 42.5° | 25.6 | 17.1 | 11.8 | 8.5 | 7.5 | 6.4 | 7.5 |
| 45° | 21.3 | 12.8 | 7.5 | 4.3 | 3.2 | 3.2 | 3.2 |
| 47.5° | 17.1 | 8.5 | 3.2 | 1.1 | 1.1 | 1.1 | 1.1 |
| 50° | 12.8 | 5.3 | 1.1 | 0.0 | 0.0 | 1.1 | 1.1 |
| 52.5° | 9.6 | 3.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 55° | 5.3 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 57.5° | 3.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 60° | 2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 62.5° | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 63° | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 65° | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 67.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 70° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 72.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 75° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 77.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 80° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 82.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)