

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: P163902

Luminaire Tested: **LDRV-SL4-F02-E-HSS**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P163902  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33728)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMARK  
Catalog Number: LDRV-SL4-F02-E-HSS  
Description: RIDGEVIEW LED AREA/SITE LUMINAIRE  
(2) LIGHTBARS WITH AccuLED OPTICS - TYPE 4 W/ SPILL LIGHT CONTROL AND HOUSE SIDE SHIELD  
Light Source: (14) 4000K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 3258.7 lumens  
Efficiency: N/A  
Efficacy: 59.2 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 1' x H: 0.1')  
IES Classification: Type IV - Short - Semi-Cutoff  
BUG Rating: B0 - U0 - G1

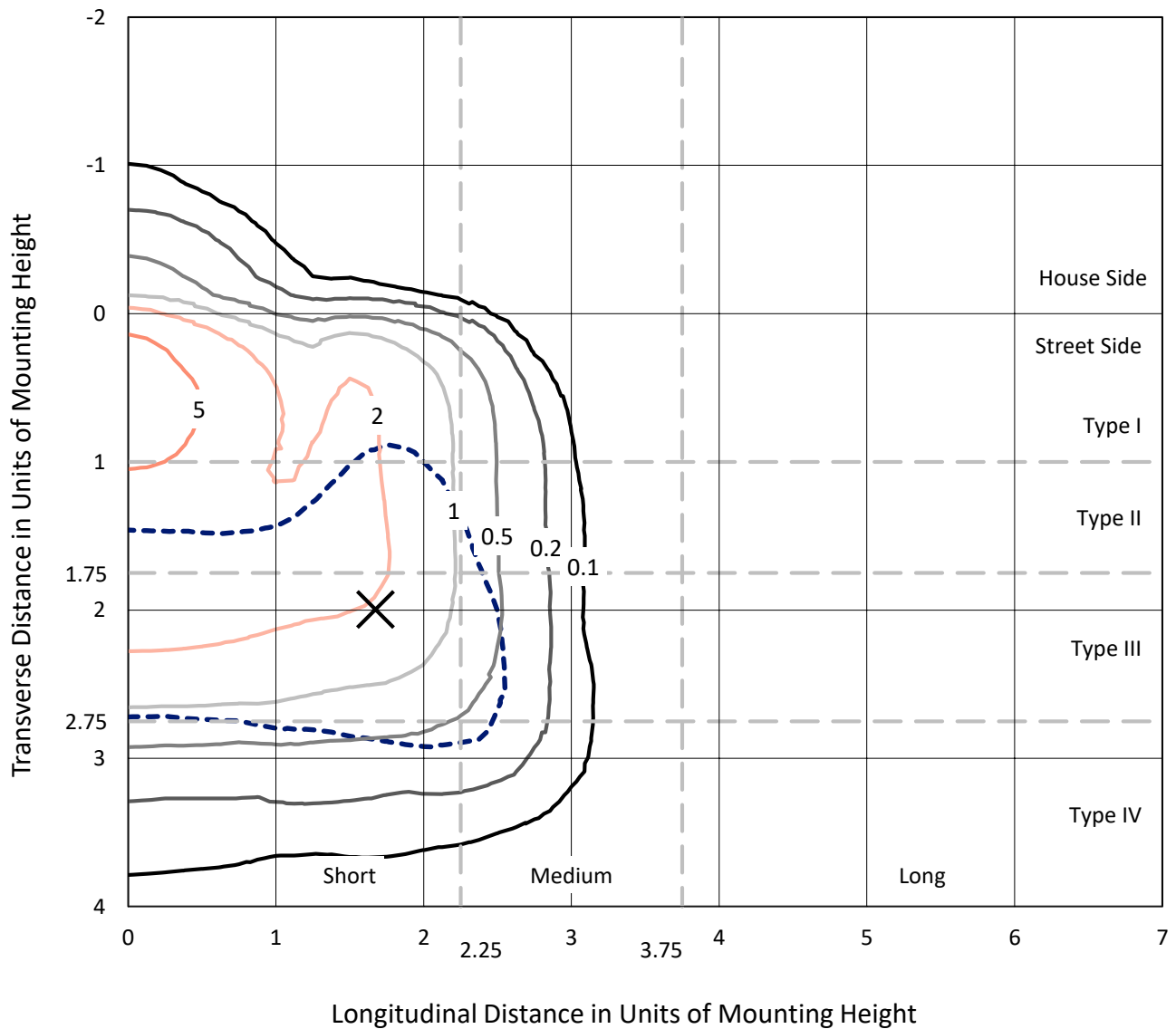
Input Watts (W): 55  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



REPORT NUMBER: P163902  
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### Iso-Footcandle Lines of Horizontal Illumination

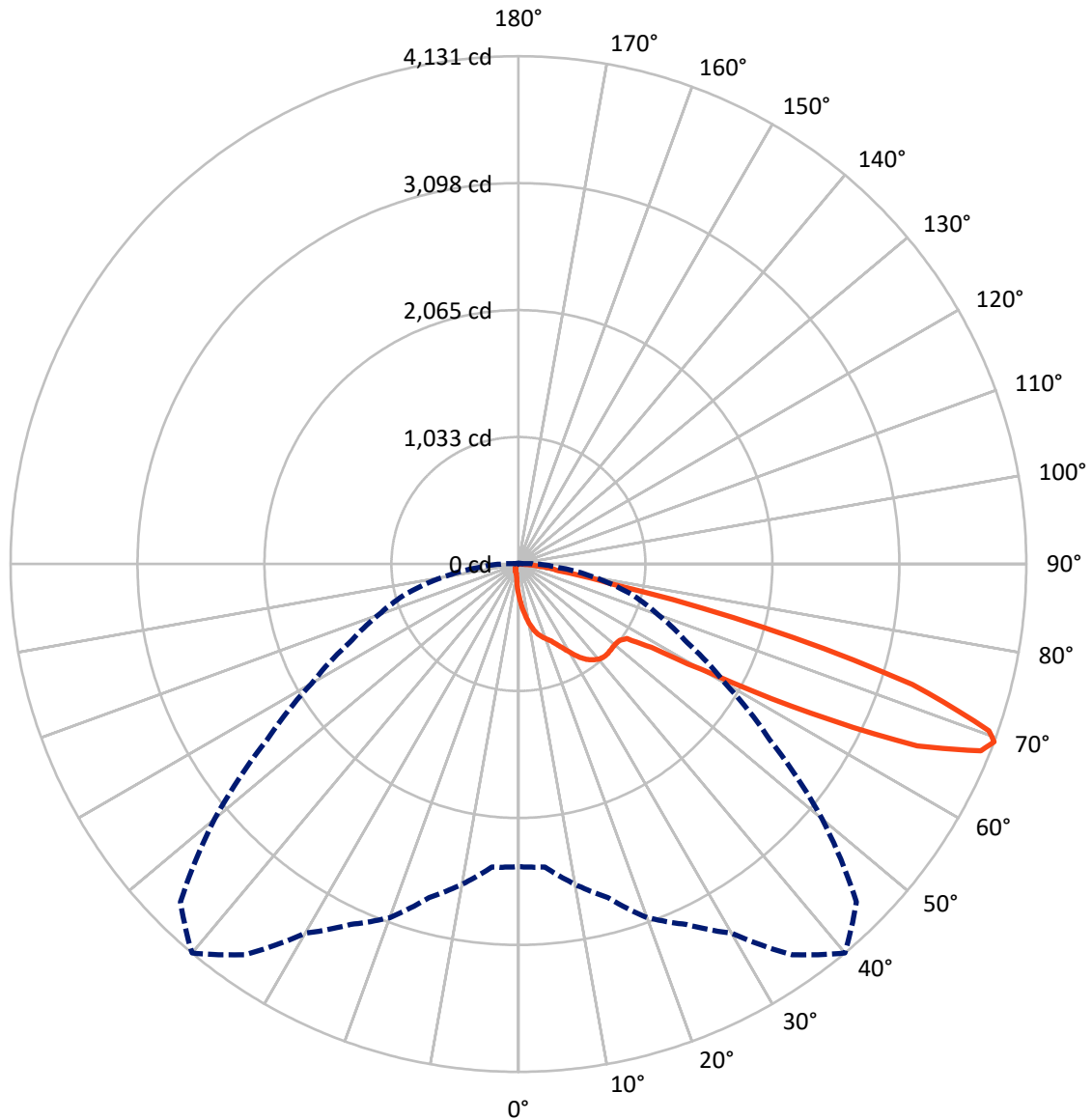
✕ Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 7.3 fc  
 Type IV - Short - Semi-Cutoff

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### Luminous Intensity Polar Plot



— Vertical Plane Through 40-Deg Lateral      - - - Horizontal Cone Through 69-Deg Vertical

REPORT NUMBER: P163902

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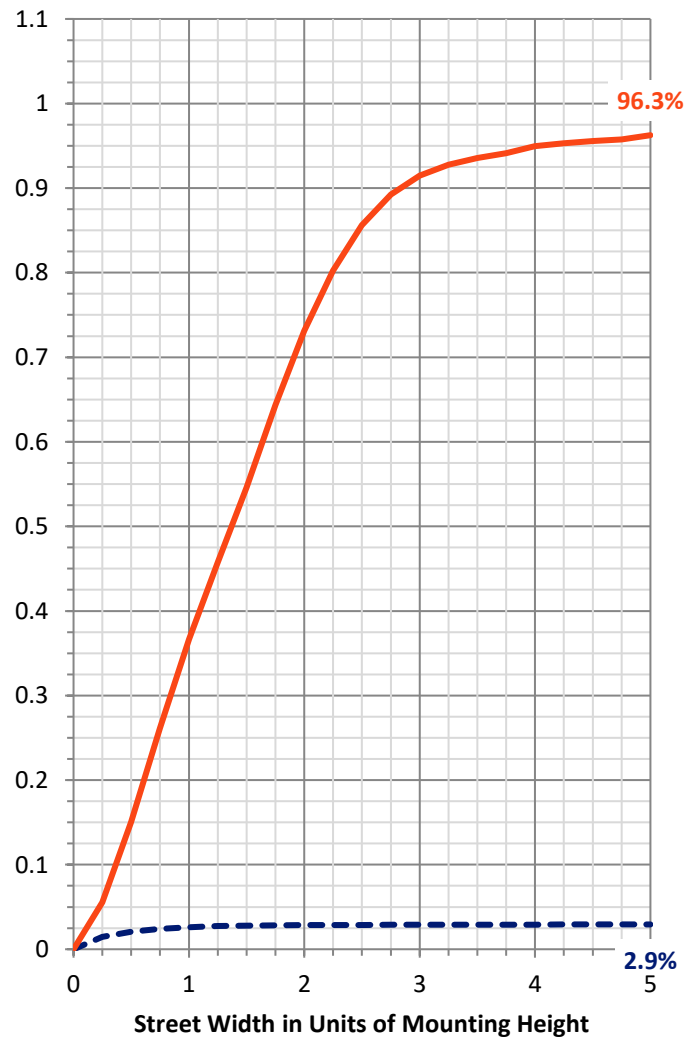
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 97.0     | 0.0    | 97.0   |
|                    | % Fixture | 3.0      | 0.0    | 3.0    |
| <b>Street Side</b> | Lumens    | 3161.7   | 0.0    | 3161.7 |
|                    | % Fixture | 97.0     | 0.0    | 97.0   |
| <b>Total</b>       | Lumens    | 3258.7   | 0.0    | 3258.7 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 25.3   | 0.8       |
| 10°-20°   | 87.2   | 2.7       |
| 20°-30°   | 166.9  | 5.1       |
| 30°-40°   | 277.6  | 8.5       |
| 40°-50°   | 375.6  | 11.5      |
| 50°-60°   | 587.4  | 18.0      |
| 60°-70°   | 1207.7 | 37.1      |
| 70°-80°   | 486.0  | 14.9      |
| 80°-90°   | 45.0   | 1.4       |
| 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°    | 3258.7 | 100.0     |
| 0°-180°   | 3258.7 | 100.0     |



--- HS    — SS

REPORT NUMBER: P163902

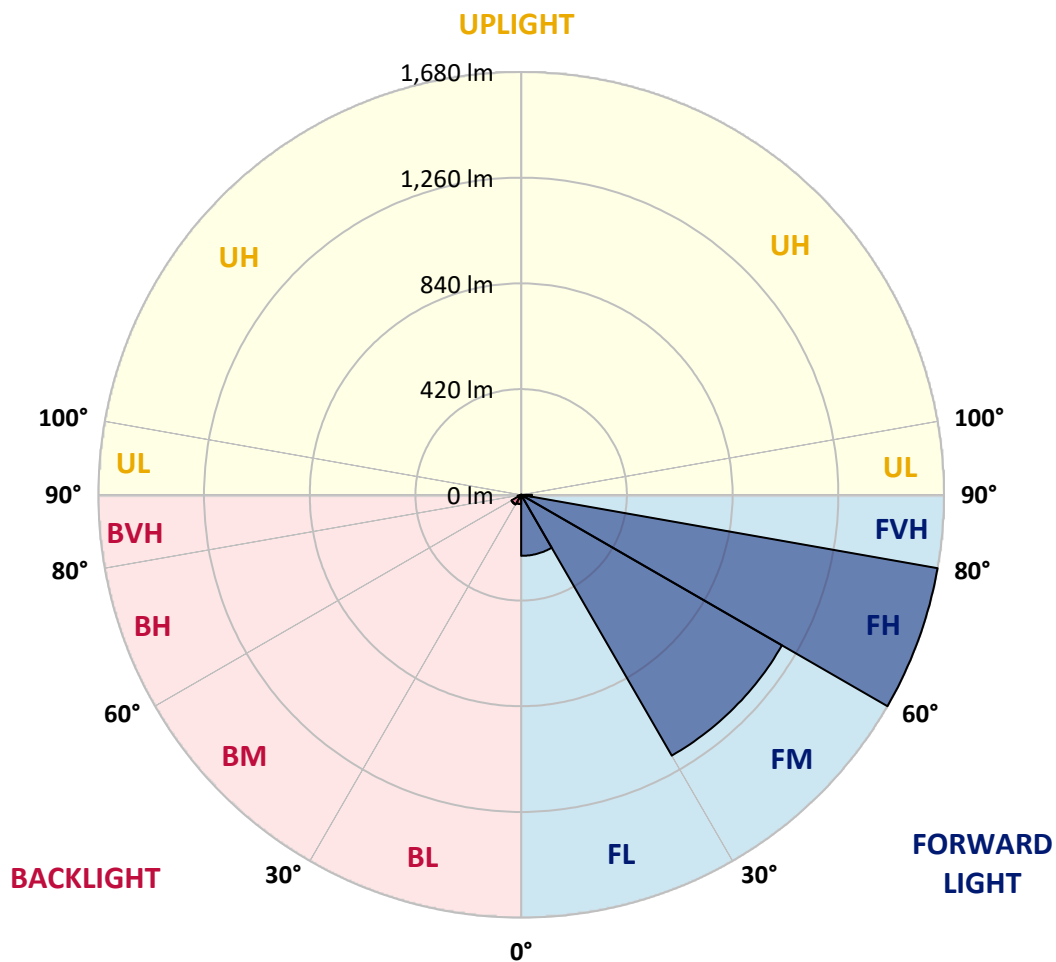
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 242.5  | 7.4       |                         |      |         |
| FM   | (30°-60°)   | 1196.3 | 36.7      |                         |      |         |
| FH   | (60°-80°)   | 1679.6 | 51.5      |                         |      | G1/1800 |
| FVH  | (80°-90°)   | 43.3   | 1.3       |                         |      | G1/100  |
| BL   | (0°-30°)    | 36.9   | 1.1       | B0/110                  |      |         |
| BM   | (30°-60°)   | 44.3   | 1.4       | B0/220                  |      |         |
| BH   | (60°-80°)   | 14.1   | 0.4       | B0/110                  |      | G0/110  |
| BVH  | (80°-90°)   | 1.7    | 0.1       |                         |      | G0/10   |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B0-U0-G1**

Type IV Short





REPORT NUMBER: P163902

CATALOG NUMBER: LDRV-SL4-F02-E-HSS

**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 246.1  | 246.1  | 246.1  | 246.1  | 246.1  | 246.1  | 246.1  | 246.1  | 246.1  | 246.1  | 246.1  |
| 2.5°  | 328.3  | 324.6  | 320.3  | 320.3  | 315.0  | 315.0  | 311.8  | 303.2  | 302.1  | 297.4  | 292.5  |
| 5°    | 419.1  | 415.9  | 410.5  | 405.7  | 401.4  | 394.0  | 388.6  | 378.5  | 367.3  | 356.6  | 347.0  |
| 7.5°  | 507.7  | 506.1  | 496.5  | 494.9  | 487.9  | 475.6  | 465.0  | 450.0  | 430.8  | 415.9  | 398.2  |
| 10°   | 589.9  | 586.2  | 584.0  | 574.9  | 564.8  | 551.5  | 534.9  | 516.7  | 494.3  | 470.8  | 445.8  |
| 12.5° | 655.0  | 652.9  | 643.3  | 639.5  | 628.9  | 615.5  | 594.7  | 571.2  | 548.8  | 518.4  | 489.0  |
| 15°   | 703.6  | 699.8  | 693.4  | 687.6  | 674.8  | 663.0  | 643.8  | 618.2  | 590.9  | 557.9  | 522.6  |
| 17.5° | 744.2  | 737.2  | 735.6  | 726.6  | 713.2  | 699.3  | 678.0  | 654.5  | 622.4  | 589.4  | 550.9  |
| 20°   | 798.6  | 789.0  | 785.8  | 772.5  | 757.0  | 737.8  | 713.2  | 683.8  | 650.2  | 613.9  | 574.4  |
| 22.5° | 862.7  | 855.7  | 848.8  | 837.0  | 817.3  | 790.1  | 754.3  | 722.3  | 679.6  | 639.5  | 596.8  |
| 25°   | 953.4  | 947.6  | 936.3  | 920.3  | 895.8  | 863.2  | 820.0  | 773.0  | 722.8  | 671.5  | 621.4  |
| 27.5° | 1041.5 | 1036.2 | 1028.2 | 1015.9 | 988.1  | 952.4  | 899.0  | 839.2  | 775.7  | 713.7  | 658.2  |
| 30°   | 1124.3 | 1119.4 | 1111.5 | 1099.2 | 1074.6 | 1039.4 | 979.0  | 915.0  | 836.0  | 763.9  | 697.2  |
| 32.5° | 1213.4 | 1211.8 | 1202.7 | 1185.1 | 1163.8 | 1116.2 | 1050.6 | 981.7  | 901.6  | 818.4  | 740.4  |
| 35°   | 1314.3 | 1302.0 | 1293.5 | 1275.9 | 1239.6 | 1188.9 | 1112.0 | 1036.7 | 952.4  | 866.9  | 779.9  |
| 37.5° | 1399.7 | 1388.0 | 1377.3 | 1354.9 | 1310.6 | 1246.0 | 1158.9 | 1076.2 | 989.2  | 902.2  | 813.6  |
| 40°   | 1462.2 | 1456.3 | 1443.5 | 1414.1 | 1364.5 | 1287.6 | 1193.6 | 1103.4 | 1015.9 | 928.4  | 840.8  |
| 42.5° | 1508.6 | 1499.5 | 1485.1 | 1454.7 | 1396.0 | 1308.4 | 1207.5 | 1114.7 | 1028.2 | 944.4  | 858.4  |
| 45°   | 1525.7 | 1518.2 | 1504.9 | 1471.8 | 1408.2 | 1314.3 | 1207.0 | 1111.5 | 1028.7 | 949.2  | 870.1  |
| 47.5° | 1515.6 | 1508.1 | 1496.3 | 1465.4 | 1402.9 | 1307.4 | 1197.4 | 1102.4 | 1023.4 | 950.8  | 880.8  |
| 50°   | 1481.9 | 1477.7 | 1468.6 | 1442.4 | 1386.4 | 1294.0 | 1188.9 | 1097.6 | 1022.3 | 958.8  | 895.8  |
| 52.5° | 1478.7 | 1476.0 | 1464.8 | 1438.7 | 1381.6 | 1289.7 | 1187.8 | 1100.2 | 1031.4 | 968.9  | 906.5  |
| 55°   | 1807.0 | 1769.1 | 1684.2 | 1612.2 | 1493.7 | 1352.7 | 1241.7 | 1143.5 | 1069.8 | 1009.0 | 965.2  |
| 57.5° | 2568.3 | 2511.7 | 2400.1 | 2262.9 | 1990.7 | 1723.2 | 1509.2 | 1354.3 | 1278.0 | 1250.2 | 1266.8 |
| 60°   | 2924.9 | 2914.7 | 2897.1 | 2832.0 | 2692.7 | 2462.6 | 2206.3 | 1929.3 | 1818.2 | 1808.6 | 1842.3 |
| 62.5° | 3094.1 | 3087.7 | 3093.0 | 3085.0 | 3041.8 | 2974.5 | 2900.9 | 2781.3 | 2671.3 | 2600.3 | 2449.8 |
| 65°   | 3172.0 | 3176.3 | 3206.7 | 3230.8 | 3236.1 | 3253.7 | 3307.6 | 3456.6 | 3565.5 | 3382.4 | 2964.4 |
| 67.5° | 2974.0 | 2999.1 | 3069.0 | 3156.6 | 3259.0 | 3358.3 | 3518.5 | 3832.4 | 4056.1 | 3840.9 | 3247.3 |
| 69°   | 2462.0 | 2474.3 | 2645.1 | 2810.1 | 3060.5 | 3235.6 | 3467.8 | 3879.4 | 4130.8 | 3887.9 | 3224.9 |
| 70°   | 1938.4 | 1949.6 | 2132.7 | 2356.9 | 2780.2 | 3005.5 | 3309.2 | 3799.8 | 4060.9 | 3825.4 | 3109.6 |
| 72.5° | 874.4  | 858.4  | 923.0  | 1043.1 | 1503.3 | 1860.9 | 2392.1 | 3078.6 | 3350.3 | 3064.7 | 2326.5 |
| 75°   | 610.7  | 603.8  | 610.7  | 611.3  | 682.8  | 880.8  | 1111.5 | 1668.7 | 2063.8 | 1780.9 | 1111.5 |
| 77.5° | 473.0  | 468.2  | 463.4  | 458.0  | 466.6  | 522.6  | 545.0  | 592.0  | 768.7  | 727.1  | 423.9  |
| 80°   | 374.2  | 369.9  | 381.7  | 378.0  | 378.0  | 384.4  | 380.1  | 362.5  | 329.4  | 305.3  | 273.3  |
| 82.5° | 174.0  | 175.1  | 175.1  | 190.0  | 229.0  | 267.4  | 279.7  | 262.1  | 232.8  | 198.1  | 159.6  |
| 85°   | 16.5   | 18.7   | 31.5   | 48.6   | 96.6   | 108.9  | 109.4  | 90.7   | 90.7   | 71.5   | 57.7   |
| 87.5° | 0.0    | 0.5    | 0.5    | 0.5    | 4.8    | 13.3   | 11.2   | 3.2    | 1.6    | 1.6    | 2.7    |
| 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: P163902

CATALOG NUMBER: LDRV-SL4-F02-E-HSS

**CANDELA DISTRIBUTION (continued):**

|       | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°   | 90°   | 95°   | 100°  | 105°  |
|-------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|
| 0°    | 246.1  | 246.1  | 246.1  | 246.1  | 246.1  | 246.1  | 246.1 | 246.1 | 246.1 | 246.1 | 246.1 |
| 2.5°  | 284.0  | 282.4  | 276.0  | 269.6  | 263.7  | 257.3  | 251.4 | 245.6 | 239.2 | 234.4 | 228.5 |
| 5°    | 332.1  | 320.3  | 307.0  | 294.2  | 281.3  | 268.0  | 254.1 | 241.8 | 229.0 | 217.3 | 206.1 |
| 7.5°  | 380.6  | 357.7  | 339.5  | 316.6  | 295.7  | 274.9  | 255.7 | 236.0 | 217.8 | 200.7 | 184.7 |
| 10°   | 421.7  | 394.0  | 365.7  | 336.3  | 306.4  | 278.7  | 252.0 | 228.5 | 204.5 | 183.6 | 163.9 |
| 12.5° | 455.4  | 420.1  | 385.4  | 348.6  | 315.0  | 279.7  | 246.6 | 218.3 | 190.0 | 166.6 | 146.3 |
| 15°   | 485.8  | 445.2  | 403.6  | 360.9  | 318.2  | 278.1  | 241.3 | 206.1 | 177.2 | 150.5 | 127.6 |
| 17.5° | 510.3  | 463.9  | 416.9  | 368.9  | 323.0  | 276.0  | 234.4 | 197.5 | 163.9 | 136.1 | 113.7 |
| 20°   | 531.7  | 483.1  | 432.4  | 378.5  | 326.2  | 275.5  | 228.5 | 186.8 | 152.1 | 122.8 | 100.9 |
| 22.5° | 551.5  | 502.9  | 448.4  | 390.8  | 331.0  | 274.9  | 223.2 | 178.8 | 142.0 | 112.6 | 90.7  |
| 25°   | 573.9  | 522.6  | 465.5  | 403.6  | 339.5  | 277.0  | 220.0 | 172.4 | 132.9 | 103.0 | 82.8  |
| 27.5° | 599.0  | 545.0  | 485.8  | 419.6  | 350.7  | 281.3  | 218.9 | 165.5 | 124.9 | 93.9  | 76.3  |
| 30°   | 634.2  | 571.7  | 506.1  | 435.6  | 360.9  | 286.1  | 217.8 | 161.2 | 116.9 | 87.0  | 69.9  |
| 32.5° | 665.1  | 597.9  | 528.5  | 452.2  | 372.1  | 290.9  | 217.3 | 155.3 | 109.4 | 80.1  | 65.1  |
| 35°   | 697.7  | 621.9  | 547.7  | 468.2  | 381.7  | 296.3  | 216.7 | 151.1 | 102.5 | 73.1  | 60.3  |
| 37.5° | 726.0  | 642.2  | 562.6  | 482.0  | 392.4  | 301.1  | 217.3 | 147.3 | 96.1  | 67.3  | 56.0  |
| 40°   | 750.0  | 663.0  | 579.2  | 494.9  | 403.6  | 308.5  | 217.8 | 143.6 | 89.7  | 61.9  | 52.3  |
| 42.5° | 771.4  | 682.8  | 596.8  | 509.3  | 416.4  | 317.1  | 221.0 | 140.4 | 84.3  | 57.1  | 48.6  |
| 45°   | 787.9  | 700.9  | 616.0  | 529.6  | 437.2  | 331.0  | 226.9 | 138.3 | 79.0  | 52.8  | 45.4  |
| 47.5° | 805.0  | 727.6  | 648.6  | 561.6  | 467.6  | 352.9  | 237.0 | 137.7 | 74.7  | 49.6  | 42.7  |
| 50°   | 828.5  | 754.3  | 677.4  | 594.1  | 495.4  | 375.3  | 249.3 | 138.3 | 69.4  | 46.4  | 40.0  |
| 52.5° | 845.6  | 781.5  | 714.8  | 650.7  | 561.6  | 443.6  | 296.8 | 147.9 | 66.7  | 43.8  | 36.8  |
| 55°   | 946.5  | 935.3  | 936.9  | 947.6  | 878.7  | 754.8  | 496.5 | 213.5 | 78.5  | 49.6  | 36.3  |
| 57.5° | 1334.6 | 1374.1 | 1397.1 | 1396.5 | 1282.8 | 1063.9 | 666.8 | 274.4 | 87.5  | 57.7  | 43.2  |
| 60°   | 1844.9 | 1815.0 | 1772.9 | 1668.7 | 1517.7 | 1214.5 | 745.8 | 295.2 | 75.8  | 45.9  | 39.5  |
| 62.5° | 2296.0 | 2120.9 | 1965.6 | 1796.9 | 1598.8 | 1266.8 | 761.8 | 293.6 | 66.2  | 34.7  | 27.8  |
| 65°   | 2577.4 | 2262.4 | 2011.5 | 1800.1 | 1566.8 | 1223.0 | 720.7 | 269.6 | 56.0  | 28.3  | 22.9  |
| 67.5° | 2644.6 | 2186.1 | 1831.0 | 1561.5 | 1309.0 | 951.8  | 529.0 | 202.8 | 43.8  | 23.5  | 20.3  |
| 69°   | 2497.8 | 1943.2 | 1517.1 | 1211.3 | 952.4  | 631.5  | 327.2 | 128.1 | 33.6  | 21.4  | 18.7  |
| 70°   | 2297.6 | 1690.1 | 1235.8 | 972.1  | 705.2  | 443.6  | 229.0 | 90.2  | 27.2  | 19.7  | 17.1  |
| 72.5° | 1478.2 | 887.8  | 607.5  | 422.8  | 290.9  | 176.7  | 89.7  | 40.6  | 20.8  | 16.5  | 13.9  |
| 75°   | 573.3  | 328.3  | 238.1  | 181.0  | 141.5  | 98.2   | 54.5  | 26.2  | 17.6  | 13.9  | 10.7  |
| 77.5° | 282.4  | 216.2  | 176.7  | 121.2  | 70.5   | 43.8   | 29.4  | 20.3  | 14.4  | 10.1  | 6.9   |
| 80°   | 223.2  | 148.4  | 88.6   | 55.0   | 41.6   | 31.5   | 22.4  | 16.5  | 10.7  | 6.4   | 4.8   |
| 82.5° | 114.3  | 62.4   | 45.9   | 37.4   | 31.0   | 24.6   | 18.2  | 11.8  | 6.9   | 4.3   | 3.7   |
| 85°   | 35.8   | 26.2   | 23.5   | 22.9   | 21.4   | 17.6   | 12.8  | 7.5   | 4.3   | 2.7   | 2.7   |
| 87.5° | 2.7    | 3.7    | 4.8    | 3.7    | 4.3    | 3.7    | 4.8   | 3.2   | 2.1   | 2.1   | 1.6   |
| 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: P163902

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**CANDELA DISTRIBUTION (continued):**

|       | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  | 160°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 246.1 | 246.1 | 246.1 | 246.1 | 246.1 | 246.1 | 246.1 | 246.1 | 246.1 | 246.1 | 246.1 |
| 2.5°  | 224.2 | 217.8 | 211.9 | 208.2 | 201.3 | 198.6 | 195.9 | 194.9 | 190.0 | 191.1 | 186.8 |
| 5°    | 195.9 | 184.7 | 176.2 | 167.6 | 159.6 | 153.7 | 148.9 | 143.1 | 138.3 | 136.1 | 131.9 |
| 7.5°  | 170.3 | 155.9 | 144.7 | 135.6 | 126.0 | 118.5 | 112.1 | 107.8 | 103.6 | 99.3  | 97.1  |
| 10°   | 147.9 | 132.4 | 119.6 | 110.5 | 101.4 | 95.0  | 90.2  | 87.0  | 84.3  | 82.8  | 82.2  |
| 12.5° | 127.1 | 112.1 | 100.4 | 92.4  | 85.4  | 82.2  | 80.1  | 78.5  | 77.9  | 77.4  | 77.4  |
| 15°   | 111.0 | 96.1  | 87.0  | 81.1  | 77.9  | 76.3  | 75.8  | 74.7  | 73.7  | 73.1  | 73.1  |
| 17.5° | 96.1  | 84.9  | 78.5  | 75.3  | 73.7  | 72.6  | 71.5  | 70.5  | 69.4  | 68.8  | 68.8  |
| 20°   | 86.0  | 76.9  | 73.7  | 71.5  | 69.9  | 68.8  | 67.3  | 66.2  | 65.6  | 65.1  | 64.6  |
| 22.5° | 77.9  | 72.1  | 69.9  | 68.3  | 66.2  | 64.6  | 63.5  | 62.4  | 61.4  | 60.9  | 60.3  |
| 25°   | 72.1  | 68.3  | 66.7  | 64.6  | 62.4  | 60.9  | 59.2  | 57.7  | 56.6  | 56.0  | 55.0  |
| 27.5° | 67.8  | 65.1  | 63.0  | 60.3  | 58.2  | 56.6  | 55.0  | 53.4  | 52.3  | 51.2  | 50.7  |
| 30°   | 64.1  | 61.4  | 58.7  | 56.6  | 53.9  | 52.3  | 50.2  | 48.6  | 48.0  | 47.0  | 45.9  |
| 32.5° | 60.3  | 57.7  | 55.0  | 52.3  | 49.6  | 47.5  | 46.4  | 44.3  | 43.2  | 42.7  | 41.6  |
| 35°   | 56.0  | 53.4  | 50.2  | 48.0  | 45.4  | 43.2  | 41.6  | 40.0  | 39.0  | 37.9  | 37.4  |
| 37.5° | 52.3  | 49.1  | 45.9  | 43.2  | 41.1  | 39.0  | 37.4  | 35.8  | 34.7  | 33.6  | 33.1  |
| 40°   | 48.0  | 44.8  | 41.6  | 39.0  | 36.8  | 35.2  | 33.6  | 32.0  | 31.0  | 30.4  | 30.4  |
| 42.5° | 44.3  | 40.6  | 37.4  | 35.2  | 33.6  | 31.5  | 29.9  | 28.3  | 27.8  | 27.2  | 27.8  |
| 45°   | 40.6  | 36.8  | 34.2  | 32.0  | 30.4  | 28.3  | 26.7  | 25.6  | 25.1  | 25.6  | 26.2  |
| 47.5° | 37.4  | 33.6  | 31.0  | 29.4  | 27.8  | 26.2  | 24.6  | 23.5  | 23.5  | 24.6  | 25.6  |
| 50°   | 34.2  | 30.4  | 28.3  | 27.2  | 25.6  | 24.0  | 21.9  | 21.4  | 21.9  | 22.9  | 24.0  |
| 52.5° | 31.0  | 26.7  | 25.1  | 24.6  | 22.9  | 21.4  | 19.7  | 19.2  | 19.7  | 20.8  | 20.3  |
| 55°   | 27.8  | 23.5  | 22.9  | 22.4  | 20.8  | 18.7  | 17.1  | 17.1  | 17.1  | 16.5  | 15.5  |
| 57.5° | 26.7  | 20.8  | 20.3  | 19.7  | 18.2  | 16.0  | 15.0  | 13.9  | 13.3  | 11.8  | 11.2  |
| 60°   | 27.8  | 18.7  | 18.7  | 17.6  | 16.0  | 13.9  | 12.3  | 10.7  | 9.6   | 8.6   | 8.6   |
| 62.5° | 22.4  | 17.1  | 16.5  | 15.5  | 13.3  | 11.2  | 9.6   | 8.0   | 7.5   | 6.9   | 6.9   |
| 65°   | 18.2  | 15.5  | 14.4  | 12.8  | 11.2  | 9.1   | 7.5   | 6.4   | 5.9   | 5.9   | 6.4   |
| 67.5° | 16.5  | 13.9  | 12.3  | 10.7  | 9.1   | 6.9   | 5.9   | 5.3   | 5.3   | 5.9   | 5.9   |
| 69°   | 15.5  | 12.8  | 11.2  | 9.6   | 8.0   | 6.4   | 5.3   | 5.3   | 5.3   | 5.3   | 5.9   |
| 70°   | 14.4  | 12.3  | 10.7  | 9.1   | 6.9   | 5.3   | 4.8   | 4.8   | 5.3   | 5.3   | 5.9   |
| 72.5° | 11.2  | 9.6   | 9.1   | 7.5   | 5.3   | 4.8   | 4.3   | 4.8   | 4.8   | 5.3   | 5.3   |
| 75°   | 8.6   | 6.9   | 6.9   | 5.9   | 4.3   | 3.7   | 3.7   | 4.3   | 4.3   | 4.8   | 4.8   |
| 77.5° | 5.9   | 4.8   | 4.8   | 4.3   | 3.7   | 3.2   | 3.2   | 3.7   | 4.3   | 4.3   | 4.8   |
| 80°   | 4.3   | 3.7   | 3.2   | 3.7   | 3.2   | 2.7   | 3.2   | 3.7   | 3.7   | 4.3   | 4.3   |
| 82.5° | 3.2   | 3.2   | 3.2   | 3.2   | 2.7   | 2.7   | 3.2   | 3.2   | 3.7   | 4.3   | 4.3   |
| 85°   | 2.7   | 2.7   | 2.7   | 2.7   | 2.7   | 2.7   | 2.7   | 3.2   | 3.2   | 3.7   | 3.7   |
| 87.5° | 1.6   | 1.6   | 1.6   | 2.1   | 2.1   | 2.7   | 2.7   | 2.7   | 2.7   | 3.2   | 3.2   |
| 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: P163902

CATALOG NUMBER: LDRV-SL4-F02-E-HSS

**CANDELA DISTRIBUTION (continued):**

|       | 165°  | 170°  | 175°  | 180°  |
|-------|-------|-------|-------|-------|
| 0°    | 246.1 | 246.1 | 246.1 | 246.1 |
| 2.5°  | 185.8 | 185.2 | 183.1 | 183.6 |
| 5°    | 130.3 | 127.1 | 129.2 | 128.6 |
| 7.5°  | 95.6  | 95.0  | 94.5  | 95.6  |
| 10°   | 81.7  | 81.7  | 81.1  | 81.7  |
| 12.5° | 76.9  | 76.9  | 76.9  | 76.9  |
| 15°   | 73.1  | 73.1  | 72.6  | 72.6  |
| 17.5° | 68.8  | 68.8  | 68.8  | 68.3  |
| 20°   | 64.6  | 64.1  | 64.1  | 64.1  |
| 22.5° | 59.8  | 59.2  | 59.2  | 59.2  |
| 25°   | 55.0  | 54.5  | 54.5  | 54.5  |
| 27.5° | 50.2  | 49.6  | 49.1  | 49.1  |
| 30°   | 45.4  | 44.8  | 44.3  | 44.3  |
| 32.5° | 40.6  | 40.0  | 39.5  | 39.5  |
| 35°   | 36.3  | 36.3  | 35.8  | 35.2  |
| 37.5° | 32.6  | 32.6  | 32.6  | 32.6  |
| 40°   | 29.9  | 30.4  | 30.4  | 30.4  |
| 42.5° | 28.3  | 28.8  | 29.4  | 29.9  |
| 45°   | 27.2  | 28.3  | 28.8  | 28.8  |
| 47.5° | 26.7  | 27.2  | 27.8  | 27.8  |
| 50°   | 24.6  | 24.0  | 24.0  | 24.0  |
| 52.5° | 19.7  | 18.7  | 18.2  | 17.6  |
| 55°   | 14.4  | 13.9  | 12.8  | 12.8  |
| 57.5° | 10.1  | 10.1  | 9.6   | 9.6   |
| 60°   | 8.0   | 8.0   | 7.5   | 8.0   |
| 62.5° | 6.9   | 6.9   | 6.9   | 6.9   |
| 65°   | 6.4   | 6.4   | 6.4   | 6.4   |
| 67.5° | 6.4   | 6.4   | 6.4   | 6.4   |
| 69°   | 5.9   | 5.9   | 5.9   | 5.9   |
| 70°   | 5.9   | 5.9   | 5.9   | 5.9   |
| 72.5° | 5.3   | 5.3   | 5.3   | 5.3   |
| 75°   | 4.8   | 5.3   | 5.3   | 5.3   |
| 77.5° | 4.8   | 4.8   | 4.8   | 4.8   |
| 80°   | 4.3   | 4.3   | 4.8   | 4.8   |
| 82.5° | 4.3   | 4.3   | 4.3   | 4.3   |
| 85°   | 3.7   | 3.7   | 4.3   | 4.3   |
| 87.5° | 3.2   | 3.2   | 3.7   | 3.7   |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   |

(END OF REPORT)