

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: P163887

Luminaire Tested: **LDRV-SL4-E01-E-HSS**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P163887
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-E01-E-HSS
Description: RIDGEVIEW LED AREA/SITE LUMINAIRE
(1) LIGHTBARS WITH AccuLED OPTICS - TYPE 4 W/ SPILL LIGHT CONTROL AND HOUSE SIDE SHIELD
Light Source: (21) 4000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1973.7 lumens
Efficiency: N/A
Efficacy: 79.9 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 1' x H: 0.1')
IES Classification: Type IV - Short - Semi-Cutoff
BUG Rating: B0 - U0 - G1

Input Watts (W): 24.7
Input Voltage (V): NR
Input Current (A_{in}): 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

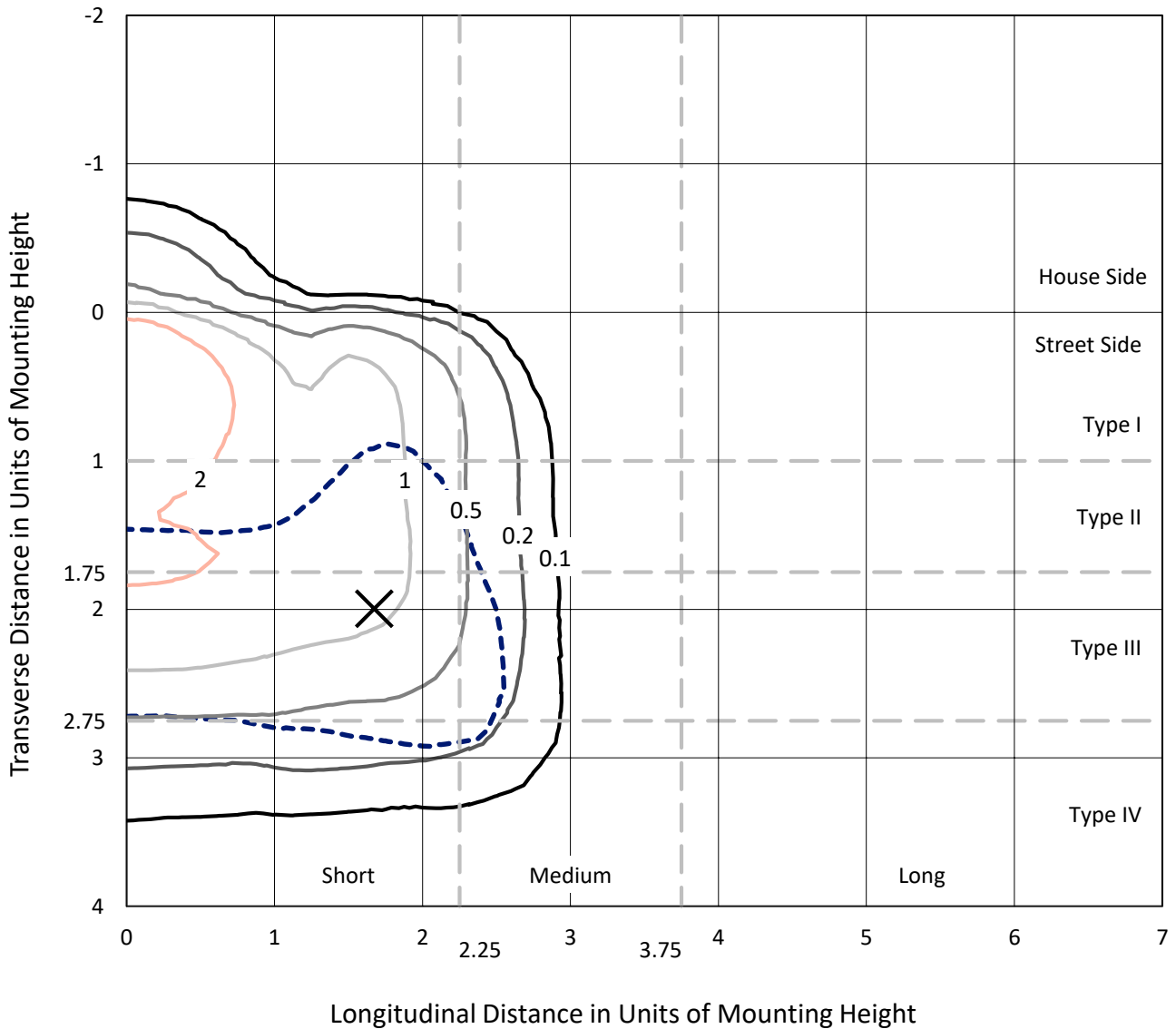


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Iso-Footcandle Lines of Horizontal Illumination

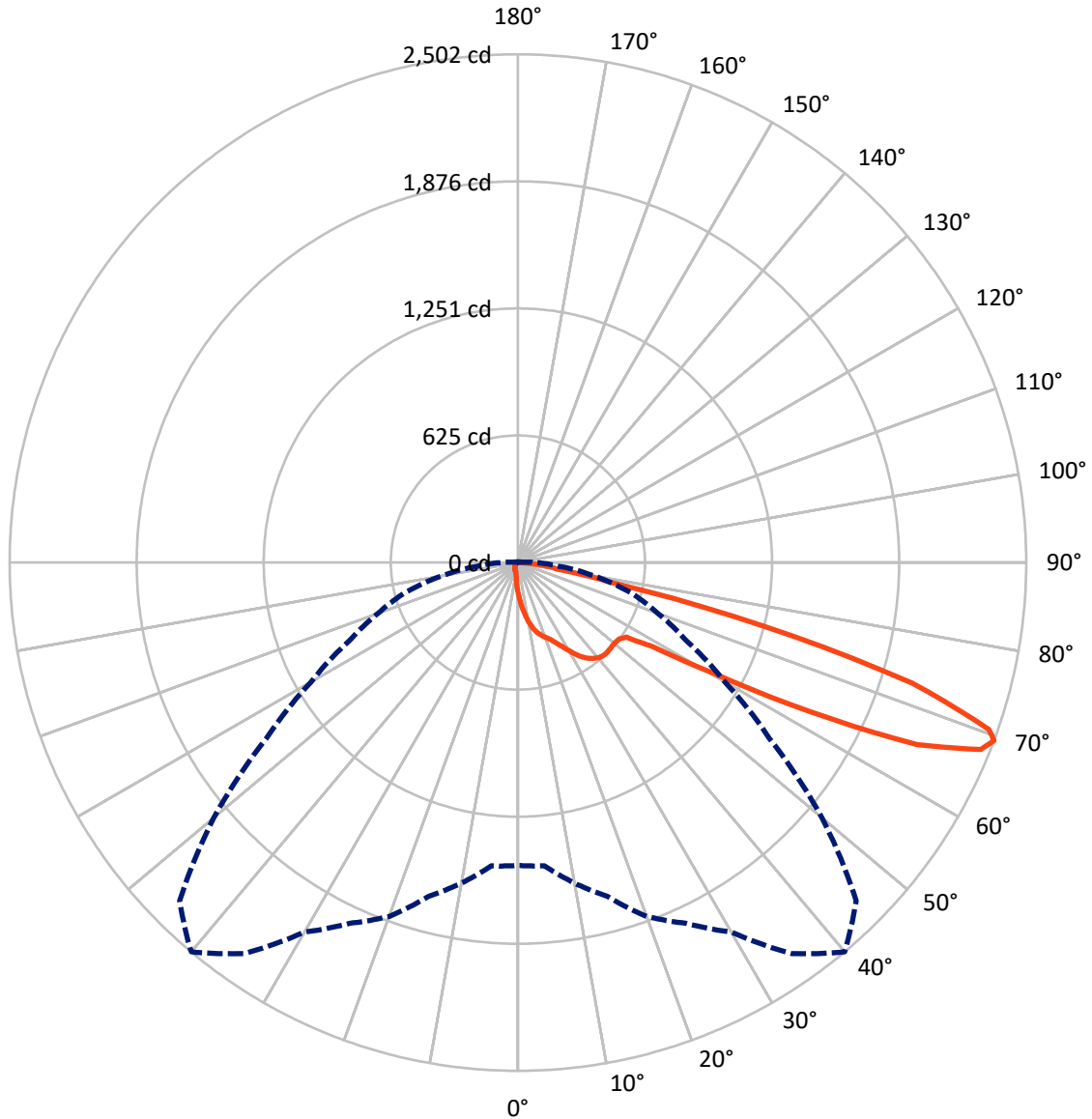
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 4.4 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

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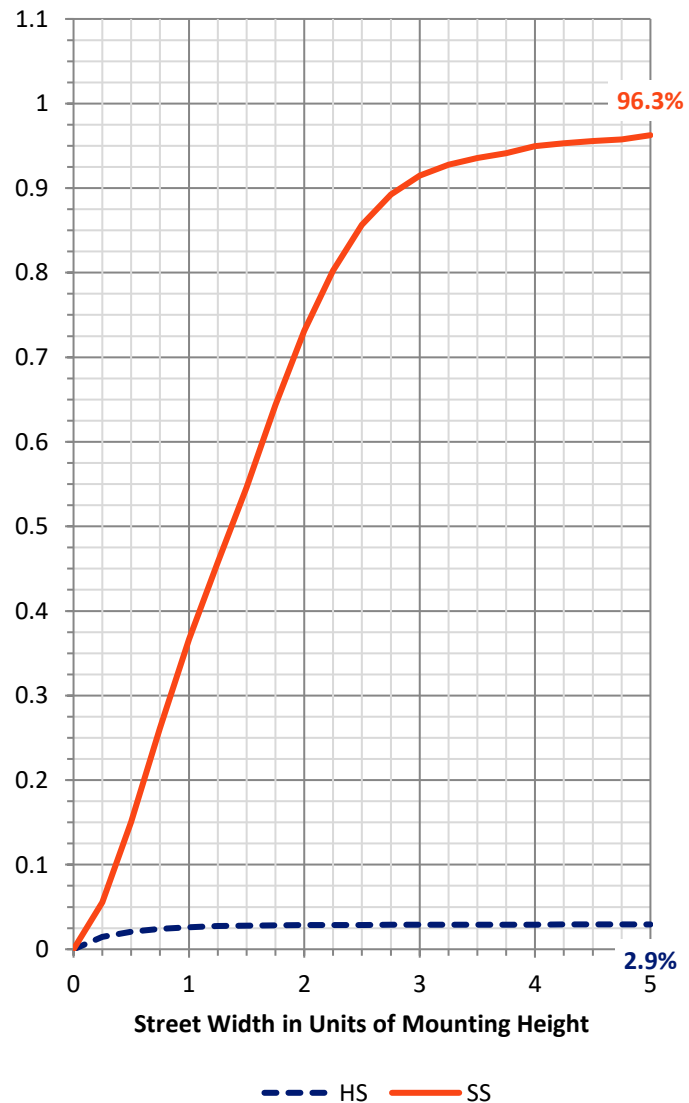
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 58.8 | 0.0 | 58.8 |
| | % Fixture | 3.0 | 0.0 | 3.0 |
| Street Side | Lumens | 1915.0 | 0.0 | 1915.0 |
| | % Fixture | 97.0 | 0.0 | 97.0 |
| Total | Lumens | 1973.7 | 0.0 | 1973.7 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 15.3 | 0.8 |
| 10°-20° | 52.8 | 2.7 |
| 20°-30° | 101.1 | 5.1 |
| 30°-40° | 168.1 | 8.5 |
| 40°-50° | 227.5 | 11.5 |
| 50°-60° | 355.8 | 18.0 |
| 60°-70° | 731.5 | 37.1 |
| 70°-80° | 294.3 | 14.9 |
| 80°-90° | 27.2 | 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° | 1973.7 | 100.0 |
| 0°-180° | 1973.7 | 100.0 |



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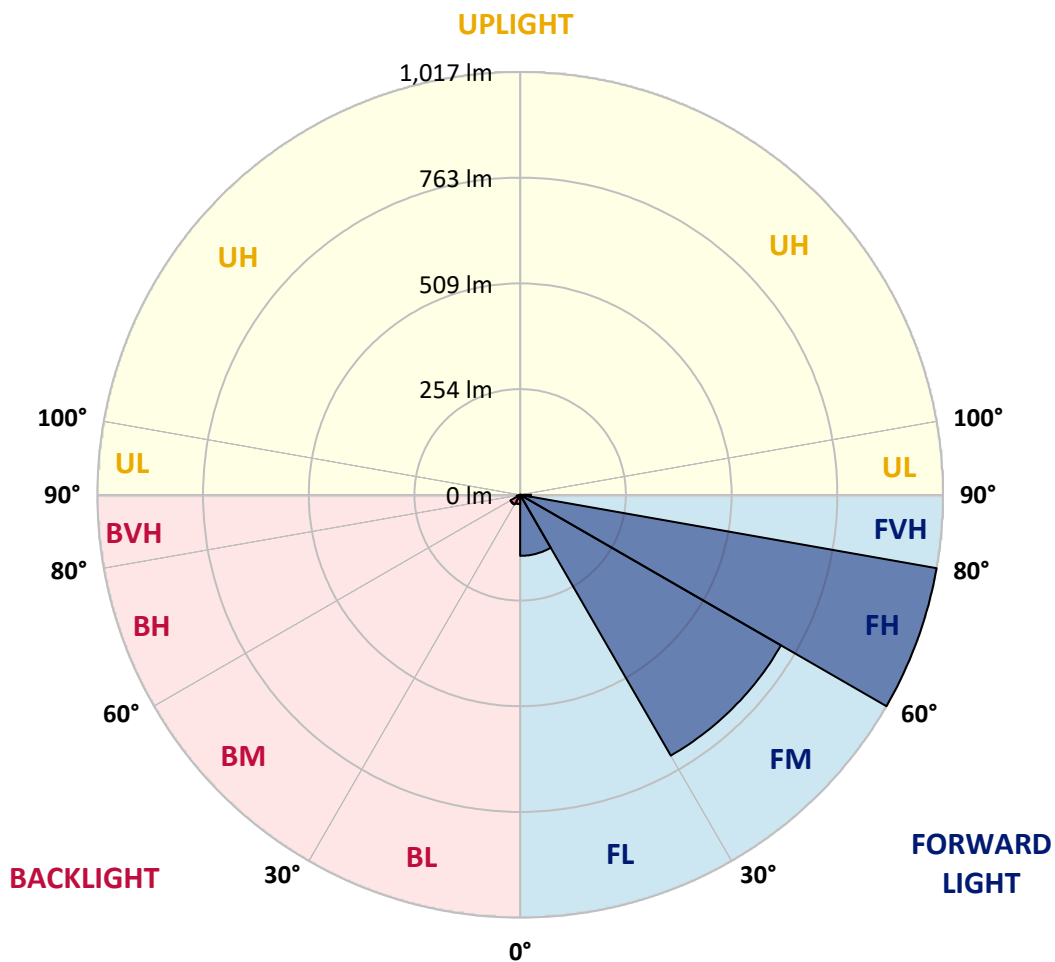
CATALOG NUMBER: LDRV-SL4-E01-E-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 146.9 | 7.4 | | | |
| FM (30°-60°) | 724.6 | 36.7 | | | |
| FH (60°-80°) | 1017.3 | 51.5 | | | G1/1800 |
| FVH (80°-90°) | 26.2 | 1.3 | | | G1/100 |
| BL (0°-30°) | 22.4 | 1.1 | B0/110 | | |
| BM (30°-60°) | 26.8 | 1.4 | B0/220 | | |
| BH (60°-80°) | 8.6 | 0.4 | B0/110 | | G0/110 |
| BVH (80°-90°) | 1.0 | 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





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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 149.1 | 149.1 | 149.1 | 149.1 | 149.1 | 149.1 | 149.1 | 149.1 | 149.1 | 149.1 | 149.1 |
| 2.5° | 198.8 | 196.6 | 194.0 | 194.0 | 190.8 | 190.8 | 188.8 | 183.7 | 183.0 | 180.1 | 177.2 |
| 5° | 253.8 | 251.9 | 248.6 | 245.7 | 243.1 | 238.6 | 235.4 | 229.2 | 222.5 | 216.0 | 210.2 |
| 7.5° | 307.5 | 306.5 | 300.7 | 299.7 | 295.5 | 288.1 | 281.6 | 272.6 | 260.9 | 251.9 | 241.2 |
| 10° | 357.3 | 355.0 | 353.7 | 348.2 | 342.1 | 334.0 | 324.0 | 313.0 | 299.4 | 285.2 | 270.0 |
| 12.5° | 396.7 | 395.4 | 389.6 | 387.3 | 380.9 | 372.8 | 360.2 | 346.0 | 332.4 | 314.0 | 296.2 |
| 15° | 426.1 | 423.9 | 420.0 | 416.4 | 408.7 | 401.6 | 389.9 | 374.4 | 357.9 | 337.9 | 316.5 |
| 17.5° | 450.7 | 446.5 | 445.5 | 440.1 | 432.0 | 423.6 | 410.6 | 396.4 | 377.0 | 357.0 | 333.7 |
| 20° | 483.7 | 477.9 | 475.9 | 467.9 | 458.5 | 446.8 | 432.0 | 414.2 | 393.8 | 371.8 | 347.9 |
| 22.5° | 522.5 | 518.3 | 514.1 | 507.0 | 495.0 | 478.5 | 456.9 | 437.5 | 411.6 | 387.3 | 361.5 |
| 25° | 577.5 | 573.9 | 567.1 | 557.4 | 542.5 | 522.8 | 496.6 | 468.2 | 437.8 | 406.7 | 376.4 |
| 27.5° | 630.8 | 627.6 | 622.7 | 615.3 | 598.5 | 576.8 | 544.5 | 508.3 | 469.8 | 432.3 | 398.7 |
| 30° | 680.9 | 678.0 | 673.2 | 665.7 | 650.9 | 629.5 | 593.0 | 554.2 | 506.3 | 462.7 | 422.3 |
| 32.5° | 734.9 | 734.0 | 728.5 | 717.8 | 704.9 | 676.1 | 636.3 | 594.6 | 546.1 | 495.7 | 448.5 |
| 35° | 796.0 | 788.6 | 783.4 | 772.8 | 750.8 | 720.1 | 673.5 | 627.9 | 576.8 | 525.1 | 472.4 |
| 37.5° | 847.8 | 840.7 | 834.2 | 820.6 | 793.8 | 754.7 | 701.9 | 651.8 | 599.1 | 546.4 | 492.8 |
| 40° | 885.6 | 882.0 | 874.3 | 856.5 | 826.4 | 779.9 | 723.0 | 668.3 | 615.3 | 562.3 | 509.2 |
| 42.5° | 913.7 | 908.2 | 899.5 | 881.1 | 845.5 | 792.5 | 731.4 | 675.1 | 622.7 | 572.0 | 519.9 |
| 45° | 924.1 | 919.6 | 911.5 | 891.4 | 852.9 | 796.0 | 731.0 | 673.2 | 623.1 | 574.9 | 527.0 |
| 47.5° | 917.9 | 913.4 | 906.3 | 887.5 | 849.7 | 791.8 | 725.2 | 667.7 | 619.8 | 575.9 | 533.5 |
| 50° | 897.6 | 895.0 | 889.5 | 873.6 | 839.7 | 783.8 | 720.1 | 664.8 | 619.2 | 580.7 | 542.5 |
| 52.5° | 895.6 | 894.0 | 887.2 | 871.4 | 836.8 | 781.2 | 719.4 | 666.4 | 624.7 | 586.8 | 549.0 |
| 55° | 1094.5 | 1071.5 | 1020.1 | 976.5 | 904.7 | 819.3 | 752.1 | 692.6 | 648.0 | 611.1 | 584.6 |
| 57.5° | 1555.5 | 1521.3 | 1453.7 | 1370.6 | 1205.7 | 1043.7 | 914.1 | 820.3 | 774.1 | 757.2 | 767.3 |
| 60° | 1771.5 | 1765.4 | 1754.7 | 1715.3 | 1630.9 | 1491.5 | 1336.3 | 1168.5 | 1101.3 | 1095.4 | 1115.8 |
| 62.5° | 1874.0 | 1870.1 | 1873.4 | 1868.5 | 1842.3 | 1801.6 | 1757.0 | 1684.5 | 1617.9 | 1574.9 | 1483.8 |
| 65° | 1921.2 | 1923.8 | 1942.2 | 1956.8 | 1960.0 | 1970.7 | 2003.4 | 2093.6 | 2159.5 | 2048.6 | 1795.5 |
| 67.5° | 1801.3 | 1816.5 | 1858.8 | 1911.9 | 1973.9 | 2034.1 | 2131.1 | 2321.2 | 2456.7 | 2326.4 | 1966.8 |
| 69° | 1491.2 | 1498.6 | 1602.1 | 1702.0 | 1853.7 | 1959.7 | 2100.4 | 2349.6 | 2501.9 | 2354.8 | 1953.2 |
| 70° | 1174.0 | 1180.8 | 1291.7 | 1427.5 | 1683.9 | 1820.3 | 2004.3 | 2301.5 | 2459.6 | 2317.0 | 1883.4 |
| 72.5° | 529.6 | 519.9 | 559.0 | 631.8 | 910.5 | 1127.1 | 1448.8 | 1864.6 | 2029.2 | 1856.2 | 1409.1 |
| 75° | 369.9 | 365.7 | 369.9 | 370.2 | 413.5 | 533.5 | 673.2 | 1010.7 | 1250.0 | 1078.6 | 673.2 |
| 77.5° | 286.5 | 283.6 | 280.7 | 277.4 | 282.6 | 316.5 | 330.1 | 358.6 | 465.6 | 440.4 | 256.7 |
| 80° | 226.7 | 224.1 | 231.2 | 228.9 | 228.9 | 232.8 | 230.2 | 219.5 | 199.5 | 184.9 | 165.5 |
| 82.5° | 105.4 | 106.1 | 106.1 | 115.1 | 138.7 | 162.0 | 169.4 | 158.8 | 141.0 | 120.0 | 96.7 |
| 85° | 10.0 | 11.3 | 19.1 | 29.4 | 58.5 | 66.0 | 66.3 | 55.0 | 55.0 | 43.3 | 34.9 |
| 87.5° | 0.0 | 0.3 | 0.3 | 0.3 | 2.9 | 8.1 | 6.8 | 1.9 | 1.0 | 1.0 | 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 |



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CATALOG NUMBER: LDRV-SL4-E01-E-HSS

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 149.1 | 149.1 | 149.1 | 149.1 | 149.1 | 149.1 | 149.1 | 149.1 | 149.1 | 149.1 | 149.1 |
| 2.5° | 172.0 | 171.0 | 167.2 | 163.3 | 159.7 | 155.8 | 152.3 | 148.7 | 144.9 | 141.9 | 138.4 |
| 5° | 201.1 | 194.0 | 185.9 | 178.2 | 170.4 | 162.3 | 153.9 | 146.5 | 138.7 | 131.6 | 124.8 |
| 7.5° | 230.5 | 216.6 | 205.6 | 191.7 | 179.1 | 166.5 | 154.9 | 142.9 | 131.9 | 121.6 | 111.9 |
| 10° | 255.4 | 238.6 | 221.5 | 203.7 | 185.6 | 168.8 | 152.6 | 138.4 | 123.8 | 111.2 | 99.3 |
| 12.5° | 275.8 | 254.5 | 233.4 | 211.1 | 190.8 | 169.4 | 149.4 | 132.2 | 115.1 | 100.9 | 88.6 |
| 15° | 294.2 | 269.7 | 244.4 | 218.6 | 192.7 | 168.5 | 146.1 | 124.8 | 107.3 | 91.2 | 77.3 |
| 17.5° | 309.1 | 281.0 | 252.5 | 223.4 | 195.6 | 167.2 | 141.9 | 119.6 | 99.3 | 82.4 | 68.9 |
| 20° | 322.0 | 292.6 | 261.9 | 229.2 | 197.6 | 166.8 | 138.4 | 113.2 | 92.1 | 74.4 | 61.1 |
| 22.5° | 334.0 | 304.6 | 271.6 | 236.7 | 200.5 | 166.5 | 135.2 | 108.3 | 86.0 | 68.2 | 55.0 |
| 25° | 347.6 | 316.5 | 281.9 | 244.4 | 205.6 | 167.8 | 133.2 | 104.4 | 80.5 | 62.4 | 50.1 |
| 27.5° | 362.8 | 330.1 | 294.2 | 254.1 | 212.4 | 170.4 | 132.6 | 100.2 | 75.7 | 56.9 | 46.2 |
| 30° | 384.1 | 346.3 | 306.5 | 263.8 | 218.6 | 173.3 | 131.9 | 97.6 | 70.8 | 52.7 | 42.4 |
| 32.5° | 402.9 | 362.1 | 320.1 | 273.9 | 225.4 | 176.2 | 131.6 | 94.1 | 66.3 | 48.5 | 39.4 |
| 35° | 422.6 | 376.7 | 331.7 | 283.6 | 231.2 | 179.4 | 131.3 | 91.5 | 62.1 | 44.3 | 36.5 |
| 37.5° | 439.7 | 389.0 | 340.8 | 292.0 | 237.6 | 182.4 | 131.6 | 89.2 | 58.2 | 40.7 | 33.9 |
| 40° | 454.3 | 401.6 | 350.8 | 299.7 | 244.4 | 186.9 | 131.9 | 87.0 | 54.3 | 37.5 | 31.7 |
| 42.5° | 467.2 | 413.5 | 361.5 | 308.5 | 252.2 | 192.1 | 133.9 | 85.0 | 51.1 | 34.6 | 29.4 |
| 45° | 477.2 | 424.5 | 373.1 | 320.7 | 264.8 | 200.5 | 137.4 | 83.7 | 47.9 | 32.0 | 27.5 |
| 47.5° | 487.6 | 440.7 | 392.8 | 340.1 | 283.2 | 213.7 | 143.6 | 83.4 | 45.3 | 30.1 | 25.9 |
| 50° | 501.8 | 456.9 | 410.3 | 359.9 | 300.1 | 227.3 | 151.0 | 83.7 | 42.0 | 28.1 | 24.2 |
| 52.5° | 512.2 | 473.4 | 432.9 | 394.1 | 340.1 | 268.7 | 179.8 | 89.6 | 40.4 | 26.5 | 22.3 |
| 55° | 573.3 | 566.5 | 567.4 | 573.9 | 532.2 | 457.2 | 300.7 | 129.3 | 47.5 | 30.1 | 22.0 |
| 57.5° | 808.3 | 832.3 | 846.2 | 845.8 | 777.0 | 644.4 | 403.8 | 166.2 | 53.0 | 34.9 | 26.2 |
| 60° | 1117.4 | 1099.3 | 1073.8 | 1010.7 | 919.2 | 735.6 | 451.7 | 178.8 | 45.9 | 27.8 | 23.9 |
| 62.5° | 1390.6 | 1284.6 | 1190.5 | 1088.3 | 968.4 | 767.3 | 461.4 | 177.8 | 40.1 | 21.0 | 16.8 |
| 65° | 1561.0 | 1370.3 | 1218.3 | 1090.3 | 949.0 | 740.7 | 436.5 | 163.3 | 33.9 | 17.1 | 13.9 |
| 67.5° | 1601.8 | 1324.0 | 1109.0 | 945.7 | 792.8 | 576.5 | 320.4 | 122.9 | 26.5 | 14.2 | 12.3 |
| 69° | 1512.9 | 1176.9 | 918.9 | 733.6 | 576.8 | 382.5 | 198.2 | 77.6 | 20.4 | 12.9 | 11.3 |
| 70° | 1391.6 | 1023.7 | 748.5 | 588.8 | 427.1 | 268.7 | 138.7 | 54.6 | 16.5 | 12.0 | 10.3 |
| 72.5° | 895.3 | 537.7 | 367.9 | 256.1 | 176.2 | 107.0 | 54.3 | 24.6 | 12.6 | 10.0 | 8.4 |
| 75° | 347.3 | 198.8 | 144.2 | 109.6 | 85.7 | 59.5 | 33.0 | 15.8 | 10.7 | 8.4 | 6.5 |
| 77.5° | 171.0 | 130.9 | 107.0 | 73.4 | 42.7 | 26.5 | 17.8 | 12.3 | 8.7 | 6.1 | 4.2 |
| 80° | 135.2 | 89.9 | 53.7 | 33.3 | 25.2 | 19.1 | 13.6 | 10.0 | 6.5 | 3.9 | 2.9 |
| 82.5° | 69.2 | 37.8 | 27.8 | 22.6 | 18.8 | 14.9 | 11.0 | 7.1 | 4.2 | 2.6 | 2.3 |
| 85° | 21.7 | 15.8 | 14.2 | 13.9 | 12.9 | 10.7 | 7.8 | 4.5 | 2.6 | 1.6 | 1.6 |
| 87.5° | 1.6 | 2.3 | 2.9 | 2.3 | 2.6 | 2.3 | 2.9 | 1.9 | 1.3 | 1.3 | 1.0 |
| 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-SL4-E01-E-HSS

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 149.1 | 149.1 | 149.1 | 149.1 | 149.1 | 149.1 | 149.1 | 149.1 | 149.1 | 149.1 | 149.1 |
| 2.5° | 135.8 | 131.9 | 128.4 | 126.1 | 121.9 | 120.3 | 118.7 | 118.0 | 115.1 | 115.8 | 113.2 |
| 5° | 118.7 | 111.9 | 106.7 | 101.5 | 96.7 | 93.1 | 90.2 | 86.7 | 83.7 | 82.4 | 79.9 |
| 7.5° | 103.1 | 94.4 | 87.6 | 82.1 | 76.3 | 71.8 | 67.9 | 65.3 | 62.7 | 60.1 | 58.8 |
| 10° | 89.6 | 80.2 | 72.4 | 66.9 | 61.4 | 57.6 | 54.6 | 52.7 | 51.1 | 50.1 | 49.8 |
| 12.5° | 77.0 | 67.9 | 60.8 | 55.9 | 51.7 | 49.8 | 48.5 | 47.5 | 47.2 | 46.9 | 46.9 |
| 15° | 67.3 | 58.2 | 52.7 | 49.1 | 47.2 | 46.2 | 45.9 | 45.3 | 44.6 | 44.3 | 44.3 |
| 17.5° | 58.2 | 51.4 | 47.5 | 45.6 | 44.6 | 44.0 | 43.3 | 42.7 | 42.0 | 41.7 | 41.7 |
| 20° | 52.1 | 46.6 | 44.6 | 43.3 | 42.4 | 41.7 | 40.7 | 40.1 | 39.8 | 39.4 | 39.1 |
| 22.5° | 47.2 | 43.6 | 42.4 | 41.4 | 40.1 | 39.1 | 38.5 | 37.8 | 37.2 | 36.9 | 36.5 |
| 25° | 43.6 | 41.4 | 40.4 | 39.1 | 37.8 | 36.9 | 35.9 | 34.9 | 34.3 | 33.9 | 33.3 |
| 27.5° | 41.1 | 39.4 | 38.2 | 36.5 | 35.2 | 34.3 | 33.3 | 32.3 | 31.7 | 31.0 | 30.7 |
| 30° | 38.8 | 37.2 | 35.6 | 34.3 | 32.7 | 31.7 | 30.4 | 29.4 | 29.1 | 28.5 | 27.8 |
| 32.5° | 36.5 | 34.9 | 33.3 | 31.7 | 30.1 | 28.8 | 28.1 | 26.8 | 26.2 | 25.9 | 25.2 |
| 35° | 33.9 | 32.3 | 30.4 | 29.1 | 27.5 | 26.2 | 25.2 | 24.2 | 23.6 | 23.0 | 22.6 |
| 37.5° | 31.7 | 29.7 | 27.8 | 26.2 | 24.9 | 23.6 | 22.6 | 21.7 | 21.0 | 20.4 | 20.0 |
| 40° | 29.1 | 27.2 | 25.2 | 23.6 | 22.3 | 21.3 | 20.4 | 19.4 | 18.8 | 18.4 | 18.4 |
| 42.5° | 26.8 | 24.6 | 22.6 | 21.3 | 20.4 | 19.1 | 18.1 | 17.1 | 16.8 | 16.5 | 16.8 |
| 45° | 24.6 | 22.3 | 20.7 | 19.4 | 18.4 | 17.1 | 16.2 | 15.5 | 15.2 | 15.5 | 15.8 |
| 47.5° | 22.6 | 20.4 | 18.8 | 17.8 | 16.8 | 15.8 | 14.9 | 14.2 | 14.2 | 14.9 | 15.5 |
| 50° | 20.7 | 18.4 | 17.1 | 16.5 | 15.5 | 14.5 | 13.3 | 12.9 | 13.3 | 13.9 | 14.5 |
| 52.5° | 18.8 | 16.2 | 15.2 | 14.9 | 13.9 | 12.9 | 12.0 | 11.6 | 12.0 | 12.6 | 12.3 |
| 55° | 16.8 | 14.2 | 13.9 | 13.6 | 12.6 | 11.3 | 10.3 | 10.3 | 10.3 | 10.0 | 9.4 |
| 57.5° | 16.2 | 12.6 | 12.3 | 12.0 | 11.0 | 9.7 | 9.1 | 8.4 | 8.1 | 7.1 | 6.8 |
| 60° | 16.8 | 11.3 | 11.3 | 10.7 | 9.7 | 8.4 | 7.4 | 6.5 | 5.8 | 5.2 | 5.2 |
| 62.5° | 13.6 | 10.3 | 10.0 | 9.4 | 8.1 | 6.8 | 5.8 | 4.8 | 4.5 | 4.2 | 4.2 |
| 65° | 11.0 | 9.4 | 8.7 | 7.8 | 6.8 | 5.5 | 4.5 | 3.9 | 3.6 | 3.6 | 3.9 |
| 67.5° | 10.0 | 8.4 | 7.4 | 6.5 | 5.5 | 4.2 | 3.6 | 3.2 | 3.2 | 3.6 | 3.6 |
| 69° | 9.4 | 7.8 | 6.8 | 5.8 | 4.8 | 3.9 | 3.2 | 3.2 | 3.2 | 3.2 | 3.6 |
| 70° | 8.7 | 7.4 | 6.5 | 5.5 | 4.2 | 3.2 | 2.9 | 2.9 | 3.2 | 3.2 | 3.6 |
| 72.5° | 6.8 | 5.8 | 5.5 | 4.5 | 3.2 | 2.9 | 2.6 | 2.9 | 2.9 | 3.2 | 3.2 |
| 75° | 5.2 | 4.2 | 4.2 | 3.6 | 2.6 | 2.3 | 2.3 | 2.6 | 2.6 | 2.9 | 2.9 |
| 77.5° | 3.6 | 2.9 | 2.9 | 2.6 | 2.3 | 1.9 | 1.9 | 2.3 | 2.6 | 2.6 | 2.9 |
| 80° | 2.6 | 2.3 | 1.9 | 2.3 | 1.9 | 1.6 | 1.9 | 2.3 | 2.3 | 2.6 | 2.6 |
| 82.5° | 1.9 | 1.9 | 1.9 | 1.9 | 1.6 | 1.6 | 1.9 | 1.9 | 2.3 | 2.6 | 2.6 |
| 85° | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.9 | 1.9 | 2.3 | 2.3 |
| 87.5° | 1.0 | 1.0 | 1.0 | 1.3 | 1.3 | 1.6 | 1.6 | 1.6 | 1.6 | 1.9 | 1.9 |
| 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: P163887

CATALOG NUMBER: LDRV-SL4-E01-E-HSS

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° |
|-------|-------|-------|-------|-------|
| 0° | 149.1 | 149.1 | 149.1 | 149.1 |
| 2.5° | 112.5 | 112.2 | 110.9 | 111.2 |
| 5° | 78.9 | 77.0 | 78.2 | 77.9 |
| 7.5° | 57.9 | 57.6 | 57.2 | 57.9 |
| 10° | 49.5 | 49.5 | 49.1 | 49.5 |
| 12.5° | 46.6 | 46.6 | 46.6 | 46.6 |
| 15° | 44.3 | 44.3 | 44.0 | 44.0 |
| 17.5° | 41.7 | 41.7 | 41.7 | 41.4 |
| 20° | 39.1 | 38.8 | 38.8 | 38.8 |
| 22.5° | 36.2 | 35.9 | 35.9 | 35.9 |
| 25° | 33.3 | 33.0 | 33.0 | 33.0 |
| 27.5° | 30.4 | 30.1 | 29.7 | 29.7 |
| 30° | 27.5 | 27.2 | 26.8 | 26.8 |
| 32.5° | 24.6 | 24.2 | 23.9 | 23.9 |
| 35° | 22.0 | 22.0 | 21.7 | 21.3 |
| 37.5° | 19.7 | 19.7 | 19.7 | 19.7 |
| 40° | 18.1 | 18.4 | 18.4 | 18.4 |
| 42.5° | 17.1 | 17.5 | 17.8 | 18.1 |
| 45° | 16.5 | 17.1 | 17.5 | 17.5 |
| 47.5° | 16.2 | 16.5 | 16.8 | 16.8 |
| 50° | 14.9 | 14.5 | 14.5 | 14.5 |
| 52.5° | 12.0 | 11.3 | 11.0 | 10.7 |
| 55° | 8.7 | 8.4 | 7.8 | 7.8 |
| 57.5° | 6.1 | 6.1 | 5.8 | 5.8 |
| 60° | 4.8 | 4.8 | 4.5 | 4.8 |
| 62.5° | 4.2 | 4.2 | 4.2 | 4.2 |
| 65° | 3.9 | 3.9 | 3.9 | 3.9 |
| 67.5° | 3.9 | 3.9 | 3.9 | 3.9 |
| 69° | 3.6 | 3.6 | 3.6 | 3.6 |
| 70° | 3.6 | 3.6 | 3.6 | 3.6 |
| 72.5° | 3.2 | 3.2 | 3.2 | 3.2 |
| 75° | 2.9 | 3.2 | 3.2 | 3.2 |
| 77.5° | 2.9 | 2.9 | 2.9 | 2.9 |
| 80° | 2.6 | 2.6 | 2.9 | 2.9 |
| 82.5° | 2.6 | 2.6 | 2.6 | 2.6 |
| 85° | 2.3 | 2.3 | 2.6 | 2.6 |
| 87.5° | 1.9 | 1.9 | 2.3 | 2.3 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)