

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: P145525

Luminaire Tested: **LDRV-SL4-F01-E**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P145525
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33703)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: LDRV-SL4-F01-E
Description: RIDGEVIEW LED AREA/SITE LUMINAIRE
(1) LIGHTBARS WITH AccuLED OPTICS - TYPE 4 W/ SPILL LIGHT CONTROL
Light Source: (7) 4000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2379.2 lumens
Efficiency: N/A
Efficacy: 91.9 lumens/watt
Luminous Opening: Rectangular (W 0.17' x L: 1' x H: 0')
IES Classification: Type IV - Short - Semi-Cutoff
BUG Rating: B1 - U0 - G1

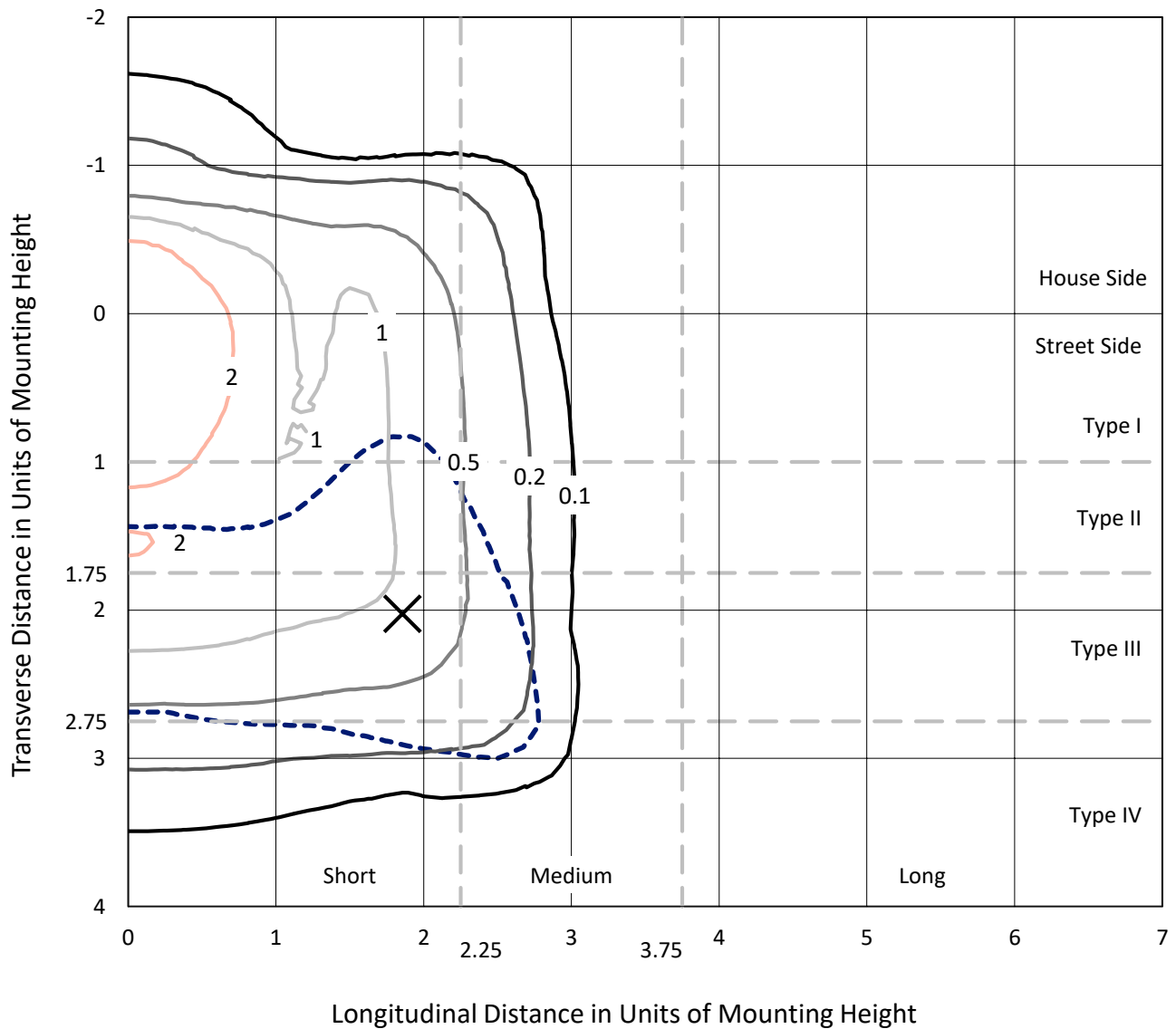
Input Watts (W): 25.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

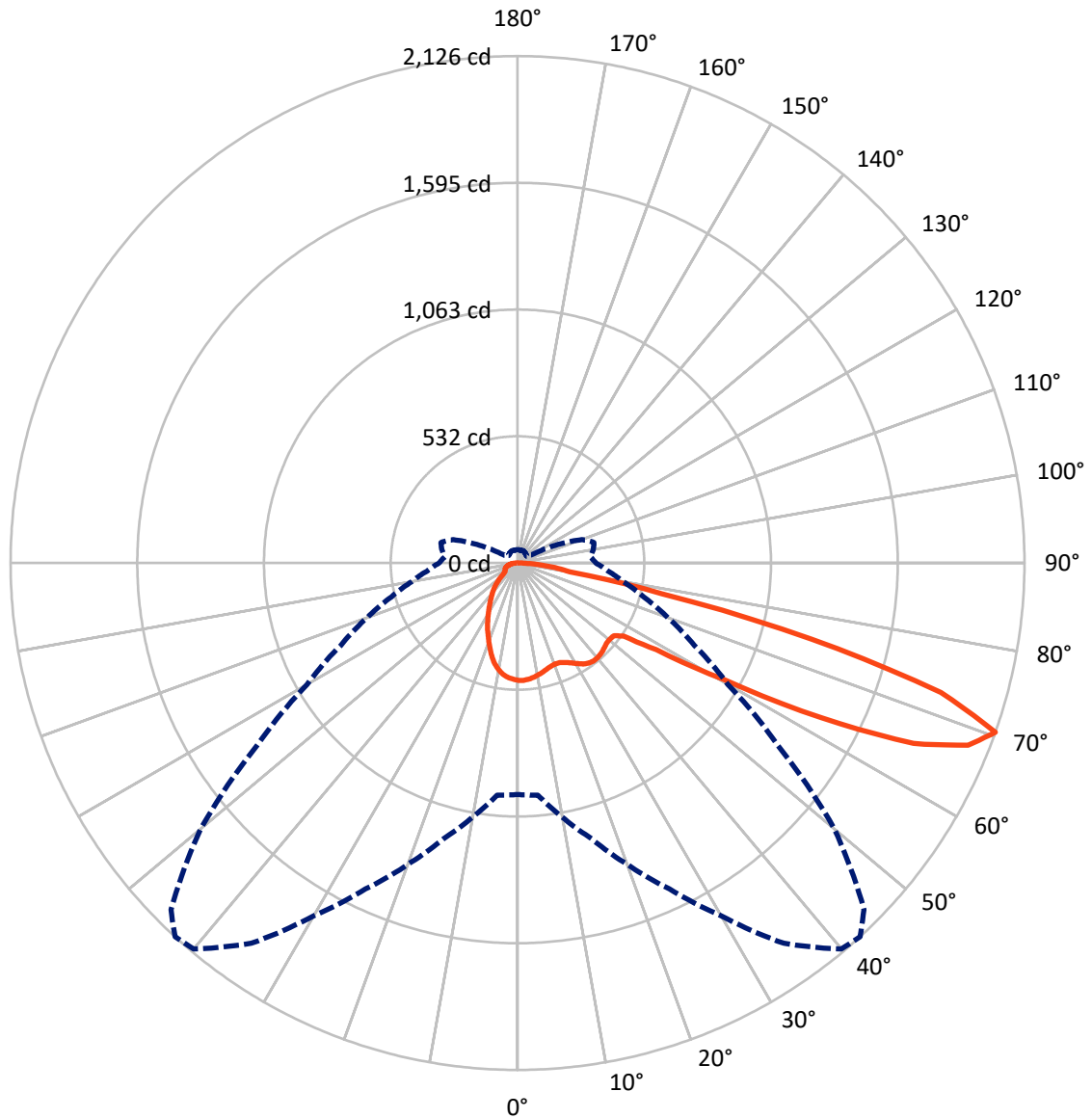
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 4.9 fc
 Type IV - Short - Semi-Cutoff

REPORT NUMBER: P145525
CATALOG NUMBER: LDRV-SL4-F01-E

Luminous Intensity Polar Plot



— Vertical Plane Through 42.5-Deg Lateral - - - Horizontal Cone Through 70-Deg Vertical

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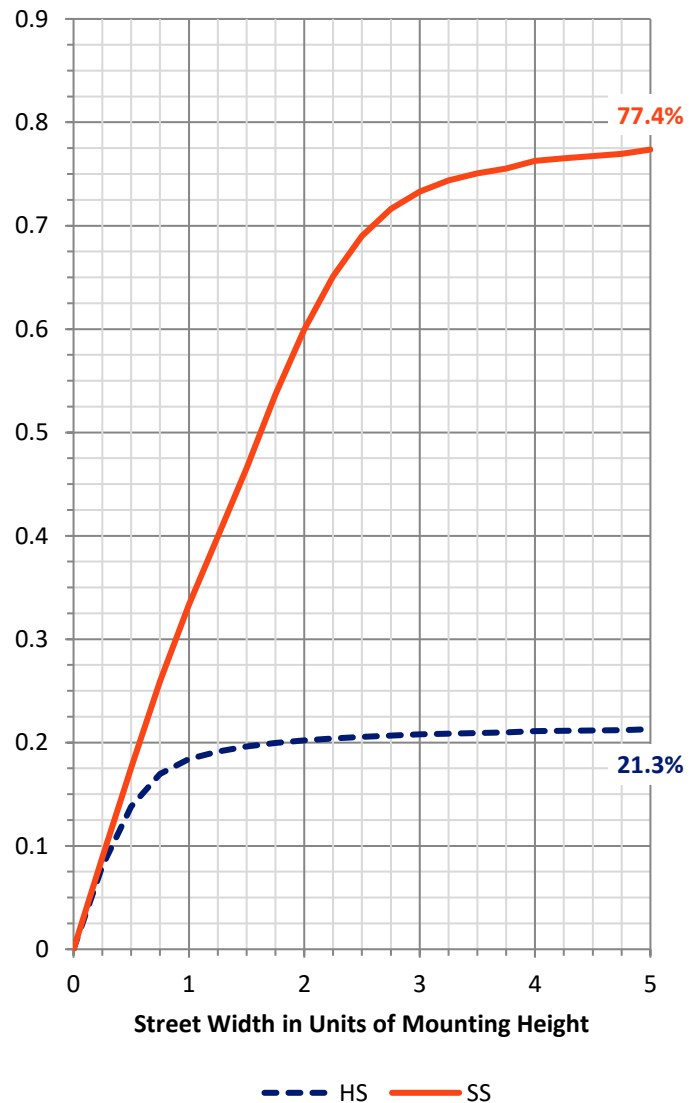
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 513.9 | 0.0 | 513.9 |
| | % Fixture | 21.6 | 0.0 | 21.6 |
| Street Side | Lumens | 1865.2 | 0.0 | 1865.2 |
| | % Fixture | 78.4 | 0.0 | 78.4 |
| Total | Lumens | 2379.2 | 0.0 | 2379.2 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 45.8 | 1.9 |
| 10°-20° | 123.3 | 5.2 |
| 20°-30° | 179.9 | 7.6 |
| 30°-40° | 229.4 | 9.6 |
| 40°-50° | 267.8 | 11.3 |
| 50°-60° | 409.5 | 17.2 |
| 60°-70° | 742.3 | 31.2 |
| 70°-80° | 330.1 | 13.9 |
| 80°-90° | 51.1 | 2.1 |
| 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° | 2379.2 | 100.0 |
| 0°-180° | 2379.2 | 100.0 |



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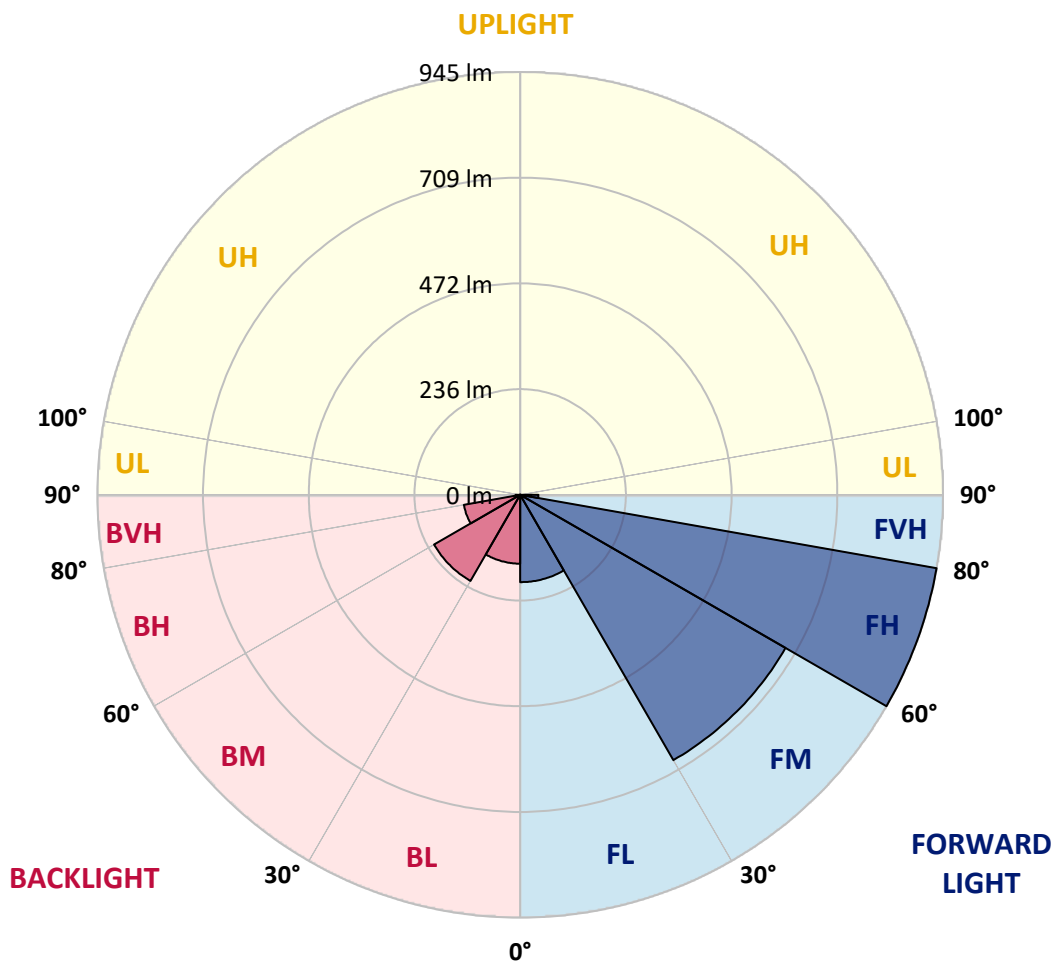
CATALOG NUMBER: LDRV-SL4-F01-E

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 195.2 | 8.2 | | | |
| FM | (30°-60°) | 684.6 | 28.8 | | | |
| FH | (60°-80°) | 944.7 | 39.7 | | | G1/1800 |
| FVH | (80°-90°) | 40.8 | 1.7 | | | G1/100 |
| BL | (0°-30°) | 153.8 | 6.5 | B1/500 | | |
| BM | (30°-60°) | 222.2 | 9.3 | B1/1000 | | |
| BH | (60°-80°) | 127.7 | 5.4 | B1/500 | | G1/500 |
| BVH | (80°-90°) | 10.3 | 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-G1

Type IV Short





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CATALOG NUMBER: LDRV-SL4-F01-E

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 42.5° | 45° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 492.0 | 492.0 | 492.0 | 492.0 | 492.0 | 492.0 | 492.0 | 492.0 | 492.0 | 492.0 | 492.0 |
| 2.5° | 494.3 | 493.8 | 494.2 | 494.5 | 494.5 | 494.7 | 493.2 | 493.3 | 492.7 | 492.8 | 493.0 |
| 5° | 492.5 | 492.0 | 492.3 | 492.3 | 492.3 | 492.2 | 490.2 | 490.0 | 489.2 | 489.2 | 488.9 |
| 7.5° | 489.0 | 487.2 | 488.2 | 488.4 | 488.1 | 487.2 | 486.1 | 484.9 | 484.4 | 484.4 | 483.3 |
| 10° | 483.8 | 481.8 | 482.3 | 482.6 | 482.4 | 480.8 | 480.3 | 479.1 | 477.8 | 477.3 | 476.0 |
| 12.5° | 477.0 | 475.7 | 476.3 | 476.2 | 476.2 | 474.7 | 473.9 | 472.2 | 470.5 | 469.7 | 468.1 |
| 15° | 472.7 | 471.0 | 471.7 | 471.7 | 471.0 | 469.6 | 468.4 | 465.4 | 462.6 | 461.6 | 459.5 |
| 17.5° | 475.3 | 473.7 | 474.3 | 473.9 | 472.7 | 469.6 | 466.6 | 461.8 | 457.3 | 454.7 | 451.9 |
| 20° | 485.9 | 484.3 | 484.7 | 484.4 | 482.8 | 477.6 | 472.2 | 463.9 | 455.7 | 451.7 | 447.4 |
| 22.5° | 502.7 | 501.4 | 502.2 | 501.8 | 499.1 | 492.5 | 484.4 | 472.5 | 460.1 | 454.2 | 448.1 |
| 25° | 527.7 | 527.3 | 528.7 | 527.2 | 523.4 | 513.5 | 501.8 | 485.7 | 469.6 | 462.1 | 453.5 |
| 27.5° | 557.7 | 554.9 | 556.9 | 555.6 | 552.9 | 540.4 | 524.5 | 504.2 | 483.6 | 473.9 | 463.6 |
| 30° | 584.8 | 582.3 | 586.0 | 585.3 | 581.3 | 568.5 | 548.5 | 524.7 | 501.4 | 489.0 | 477.3 |
| 32.5° | 616.2 | 613.0 | 615.8 | 615.8 | 609.9 | 592.6 | 569.8 | 542.5 | 518.1 | 504.9 | 490.9 |
| 35° | 649.0 | 645.7 | 648.4 | 647.5 | 637.0 | 614.0 | 585.5 | 555.9 | 529.0 | 515.5 | 501.1 |
| 37.5° | 679.6 | 679.1 | 679.7 | 674.3 | 659.6 | 630.2 | 596.0 | 563.0 | 534.4 | 520.2 | 505.2 |
| 40° | 710.1 | 709.0 | 706.2 | 696.6 | 675.1 | 639.8 | 601.5 | 565.5 | 534.8 | 519.9 | 504.7 |
| 42.5° | 729.3 | 727.1 | 722.3 | 709.3 | 682.4 | 642.1 | 599.8 | 561.7 | 530.8 | 515.6 | 500.8 |
| 45° | 735.9 | 733.7 | 727.9 | 713.3 | 682.5 | 638.5 | 593.4 | 554.1 | 523.4 | 509.5 | 494.5 |
| 47.5° | 730.4 | 729.1 | 723.8 | 709.1 | 677.3 | 631.7 | 585.3 | 546.5 | 516.3 | 502.7 | 488.7 |
| 50° | 721.2 | 720.4 | 715.7 | 702.2 | 672.3 | 627.6 | 581.5 | 542.9 | 514.3 | 501.8 | 488.5 |
| 52.5° | 744.3 | 741.8 | 733.6 | 717.5 | 682.7 | 635.0 | 587.4 | 548.3 | 518.9 | 506.2 | 492.7 |
| 55° | 1028.4 | 1010.1 | 969.2 | 892.4 | 784.9 | 701.5 | 631.4 | 584.1 | 552.4 | 540.1 | 527.2 |
| 57.5° | 1352.5 | 1333.4 | 1316.4 | 1257.8 | 1130.1 | 972.6 | 831.0 | 748.1 | 691.3 | 685.8 | 680.7 |
| 60° | 1477.4 | 1483.5 | 1482.0 | 1460.2 | 1394.8 | 1320.0 | 1201.5 | 1103.6 | 995.1 | 990.6 | 997.1 |
| 62.5° | 1563.4 | 1568.5 | 1569.2 | 1562.6 | 1541.3 | 1516.3 | 1491.6 | 1460.2 | 1439.6 | 1430.6 | 1373.0 |
| 65° | 1598.9 | 1606.3 | 1622.7 | 1634.9 | 1638.3 | 1646.9 | 1669.4 | 1754.7 | 1825.9 | 1825.4 | 1757.9 |
| 67.5° | 1463.3 | 1472.2 | 1534.2 | 1594.9 | 1645.9 | 1705.0 | 1796.0 | 1934.9 | 2042.0 | 2038.7 | 1983.4 |
| 70° | 971.1 | 976.8 | 1081.9 | 1196.4 | 1344.8 | 1508.9 | 1707.7 | 1947.1 | 2113.2 | 2126.2 | 2054.9 |
| 72.5° | 595.7 | 608.6 | 642.9 | 689.3 | 768.6 | 920.6 | 1216.2 | 1625.3 | 1869.0 | 1856.8 | 1800.0 |
| 75° | 402.2 | 402.9 | 401.9 | 406.8 | 411.3 | 442.0 | 561.0 | 893.7 | 1266.0 | 1272.6 | 1248.2 |
| 77.5° | 274.9 | 278.5 | 280.5 | 279.2 | 283.7 | 282.3 | 289.3 | 306.3 | 485.2 | 619.3 | 569.1 |
| 80° | 240.2 | 241.7 | 243.9 | 240.7 | 232.5 | 227.8 | 234.3 | 228.2 | 215.0 | 222.1 | 212.7 |
| 82.5° | 152.1 | 156.5 | 157.0 | 167.9 | 184.1 | 184.8 | 193.0 | 186.9 | 170.1 | 159.0 | 145.5 |
| 85° | 109.3 | 111.0 | 113.9 | 114.6 | 109.0 | 104.2 | 107.2 | 102.0 | 92.0 | 86.0 | 76.1 |
| 87.5° | 63.7 | 65.4 | 68.4 | 66.5 | 60.9 | 54.0 | 48.7 | 41.9 | 33.2 | 31.0 | 27.4 |
| 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-SL4-F01-E

CANDELA DISTRIBUTION (continued):

| | 50° | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° |
|-------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|
| 0° | 492.0 | 492.0 | 492.0 | 492.0 | 492.0 | 492.0 | 492.0 | 492.0 | 492.0 | 492.0 | 492.0 |
| 2.5° | 493.2 | 492.3 | 491.7 | 491.4 | 492.0 | 491.4 | 490.7 | 490.4 | 489.7 | 489.9 | 489.0 |
| 5° | 488.5 | 487.4 | 486.4 | 485.6 | 486.2 | 485.1 | 484.1 | 483.4 | 482.6 | 482.4 | 481.6 |
| 7.5° | 482.1 | 480.3 | 479.0 | 477.5 | 475.8 | 474.8 | 473.7 | 472.5 | 470.7 | 470.5 | 470.2 |
| 10° | 473.7 | 472.2 | 469.6 | 467.2 | 464.9 | 462.5 | 460.0 | 458.2 | 456.0 | 455.2 | 454.0 |
| 12.5° | 465.3 | 462.3 | 459.2 | 455.5 | 452.7 | 448.8 | 445.5 | 442.0 | 438.8 | 436.9 | 434.7 |
| 15° | 455.4 | 452.2 | 447.8 | 444.3 | 440.3 | 435.9 | 431.6 | 426.5 | 421.3 | 418.2 | 415.2 |
| 17.5° | 446.8 | 442.8 | 439.2 | 434.2 | 430.3 | 425.1 | 418.7 | 413.3 | 407.1 | 402.0 | 396.6 |
| 20° | 440.2 | 435.7 | 431.4 | 427.0 | 422.2 | 416.4 | 409.3 | 401.5 | 393.8 | 386.5 | 378.4 |
| 22.5° | 437.5 | 430.4 | 425.6 | 421.5 | 416.6 | 410.0 | 402.0 | 392.5 | 382.9 | 373.6 | 364.2 |
| 25° | 439.8 | 429.3 | 421.8 | 417.2 | 412.8 | 406.0 | 397.1 | 386.2 | 375.0 | 363.2 | 352.0 |
| 27.5° | 446.1 | 432.7 | 422.2 | 414.9 | 409.8 | 403.2 | 393.3 | 381.9 | 369.2 | 356.0 | 343.9 |
| 30° | 455.2 | 438.5 | 425.3 | 414.9 | 407.3 | 399.7 | 389.0 | 376.1 | 362.7 | 348.9 | 335.3 |
| 32.5° | 465.1 | 445.0 | 429.1 | 415.4 | 403.7 | 394.1 | 382.9 | 370.3 | 356.1 | 341.4 | 326.9 |
| 35° | 472.5 | 449.6 | 430.8 | 413.6 | 398.6 | 386.5 | 374.5 | 362.2 | 348.4 | 333.5 | 319.0 |
| 37.5° | 475.7 | 451.4 | 430.4 | 409.8 | 391.5 | 378.3 | 365.7 | 353.5 | 340.1 | 326.1 | 312.7 |
| 40° | 475.8 | 451.4 | 428.4 | 404.7 | 384.0 | 369.7 | 356.5 | 345.1 | 332.5 | 320.5 | 308.6 |
| 42.5° | 472.7 | 449.1 | 424.8 | 399.9 | 378.6 | 362.4 | 348.9 | 337.1 | 327.1 | 316.3 | 306.3 |
| 45° | 467.1 | 444.5 | 421.5 | 397.2 | 376.6 | 360.6 | 346.1 | 335.0 | 325.9 | 316.3 | 307.6 |
| 47.5° | 462.8 | 441.8 | 421.7 | 401.0 | 381.4 | 364.9 | 349.2 | 337.5 | 329.7 | 322.1 | 315.8 |
| 50° | 463.6 | 442.8 | 423.7 | 404.0 | 384.7 | 368.0 | 352.8 | 342.8 | 338.1 | 335.7 | 334.2 |
| 52.5° | 467.9 | 446.8 | 432.2 | 419.2 | 412.9 | 402.7 | 394.3 | 386.7 | 387.8 | 381.9 | 374.3 |
| 55° | 512.2 | 505.1 | 521.7 | 533.8 | 539.7 | 550.1 | 565.2 | 550.8 | 548.8 | 530.5 | 476.0 |
| 57.5° | 687.7 | 704.5 | 730.1 | 748.3 | 750.1 | 746.9 | 734.6 | 722.7 | 703.3 | 675.8 | 599.5 |
| 60° | 982.0 | 978.1 | 954.3 | 922.4 | 897.7 | 865.2 | 832.5 | 804.9 | 773.8 | 731.6 | 650.3 |
| 62.5° | 1291.6 | 1196.2 | 1111.5 | 1039.3 | 978.1 | 923.8 | 874.4 | 833.0 | 790.4 | 729.6 | 643.1 |
| 65° | 1541.6 | 1358.0 | 1208.7 | 1092.7 | 1001.5 | 924.8 | 861.0 | 803.9 | 746.9 | 676.6 | 592.7 |
| 67.5° | 1720.2 | 1429.0 | 1203.8 | 1040.5 | 912.7 | 807.0 | 714.2 | 649.2 | 590.7 | 535.4 | 497.6 |
| 70° | 1734.4 | 1330.7 | 1018.4 | 818.6 | 671.2 | 547.0 | 450.7 | 379.7 | 328.9 | 305.9 | 322.3 |
| 72.5° | 1482.1 | 984.5 | 677.1 | 501.1 | 397.7 | 309.1 | 248.5 | 198.6 | 157.7 | 137.5 | 140.3 |
| 75° | 872.9 | 472.7 | 304.9 | 227.2 | 185.6 | 148.3 | 128.3 | 108.3 | 95.6 | 76.6 | 61.3 |
| 77.5° | 332.4 | 205.6 | 153.9 | 127.8 | 91.1 | 65.5 | 51.7 | 44.6 | 40.9 | 40.5 | 38.3 |
| 80° | 191.5 | 150.7 | 105.5 | 69.0 | 50.5 | 42.8 | 36.7 | 31.4 | 29.2 | 28.7 | 29.6 |
| 82.5° | 121.0 | 93.9 | 58.0 | 44.4 | 36.8 | 31.7 | 26.4 | 22.9 | 21.1 | 20.5 | 21.6 |
| 85° | 62.6 | 47.1 | 35.3 | 30.4 | 28.2 | 25.8 | 21.1 | 17.7 | 17.5 | 18.3 | 21.1 |
| 87.5° | 23.1 | 20.1 | 15.9 | 13.7 | 14.7 | 13.7 | 9.9 | 8.6 | 7.8 | 10.2 | 14.9 |
| 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-F01-E

CANDELA DISTRIBUTION (continued):

| | 105° | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 492.0 | 492.0 | 492.0 | 492.0 | 492.0 | 492.0 | 492.0 | 492.0 | 492.0 | 492.0 | 492.0 |
| 2.5° | 489.0 | 488.7 | 488.9 | 488.5 | 488.5 | 489.0 | 488.4 | 487.9 | 488.7 | 488.7 | 489.2 |
| 5° | 481.4 | 481.8 | 481.8 | 481.6 | 481.9 | 482.8 | 482.6 | 482.6 | 483.9 | 484.4 | 485.1 |
| 7.5° | 469.4 | 469.9 | 470.1 | 470.5 | 470.7 | 471.9 | 472.7 | 473.7 | 475.7 | 476.2 | 477.6 |
| 10° | 453.0 | 452.7 | 453.9 | 453.7 | 455.2 | 456.2 | 456.8 | 459.0 | 462.0 | 463.6 | 465.1 |
| 12.5° | 433.7 | 433.7 | 434.4 | 434.6 | 435.9 | 437.2 | 438.0 | 440.7 | 443.1 | 445.3 | 448.6 |
| 15° | 413.3 | 412.6 | 411.1 | 410.9 | 411.4 | 412.8 | 414.6 | 416.6 | 420.4 | 423.5 | 426.3 |
| 17.5° | 391.8 | 389.8 | 388.0 | 385.7 | 385.5 | 385.4 | 386.3 | 387.8 | 393.8 | 396.9 | 400.9 |
| 20° | 372.8 | 368.5 | 364.2 | 359.4 | 356.6 | 355.3 | 355.8 | 357.8 | 363.4 | 367.5 | 371.7 |
| 22.5° | 355.8 | 349.4 | 342.6 | 335.0 | 330.4 | 327.6 | 327.9 | 328.7 | 332.9 | 335.3 | 337.5 |
| 25° | 341.3 | 332.4 | 322.9 | 313.2 | 306.8 | 302.5 | 302.3 | 302.3 | 300.5 | 300.8 | 299.7 |
| 27.5° | 331.4 | 319.0 | 306.9 | 295.5 | 287.1 | 282.8 | 277.0 | 272.9 | 269.3 | 264.3 | 262.2 |
| 30° | 321.8 | 309.1 | 295.4 | 282.8 | 272.8 | 264.3 | 253.6 | 244.7 | 237.6 | 230.8 | 225.0 |
| 32.5° | 313.2 | 300.0 | 287.0 | 273.2 | 259.4 | 244.9 | 230.8 | 220.6 | 210.5 | 200.1 | 193.2 |
| 35° | 305.6 | 293.2 | 280.2 | 264.7 | 245.2 | 226.2 | 210.3 | 196.5 | 184.6 | 172.0 | 162.0 |
| 37.5° | 301.3 | 290.1 | 276.6 | 255.4 | 231.0 | 209.4 | 191.7 | 176.2 | 160.3 | 145.3 | 132.9 |
| 40° | 299.2 | 289.3 | 272.8 | 246.0 | 218.3 | 195.2 | 175.5 | 156.8 | 138.2 | 120.5 | 107.6 |
| 42.5° | 298.8 | 289.3 | 267.1 | 236.4 | 207.4 | 182.6 | 160.6 | 138.2 | 115.6 | 98.4 | 87.0 |
| 45° | 301.8 | 288.9 | 261.2 | 227.8 | 197.6 | 171.4 | 145.0 | 118.5 | 95.3 | 80.2 | 74.0 |
| 47.5° | 310.4 | 290.1 | 256.6 | 220.6 | 188.4 | 159.0 | 127.1 | 96.8 | 76.9 | 70.2 | 70.0 |
| 50° | 324.3 | 295.4 | 255.6 | 215.3 | 179.3 | 143.5 | 106.2 | 77.4 | 67.9 | 67.5 | 69.3 |
| 52.5° | 346.2 | 305.3 | 258.1 | 211.7 | 168.4 | 123.3 | 84.0 | 66.9 | 65.1 | 66.9 | 69.2 |
| 55° | 394.6 | 322.9 | 261.4 | 205.2 | 150.7 | 97.7 | 69.2 | 63.4 | 64.2 | 66.4 | 68.5 |
| 57.5° | 482.6 | 359.6 | 264.8 | 190.7 | 122.2 | 75.1 | 62.2 | 62.1 | 63.6 | 65.4 | 67.4 |
| 60° | 538.4 | 404.8 | 273.2 | 169.2 | 92.3 | 62.1 | 59.6 | 61.3 | 63.1 | 64.4 | 66.0 |
| 62.5° | 540.2 | 416.7 | 277.7 | 146.3 | 68.7 | 56.8 | 57.3 | 60.4 | 62.6 | 63.1 | 63.9 |
| 65° | 505.4 | 394.3 | 257.6 | 119.0 | 57.0 | 53.8 | 55.6 | 58.4 | 60.6 | 60.9 | 61.6 |
| 67.5° | 441.5 | 347.7 | 218.3 | 89.8 | 51.8 | 51.5 | 53.5 | 55.6 | 57.1 | 58.4 | 59.4 |
| 70° | 332.5 | 287.0 | 175.5 | 69.7 | 48.7 | 48.4 | 50.4 | 52.2 | 53.5 | 55.1 | 56.8 |
| 72.5° | 168.6 | 198.6 | 133.1 | 57.0 | 44.4 | 44.7 | 46.9 | 48.5 | 49.5 | 51.0 | 52.7 |
| 75° | 57.5 | 86.7 | 84.2 | 46.1 | 39.6 | 40.9 | 41.9 | 43.8 | 45.2 | 46.2 | 47.1 |
| 77.5° | 36.0 | 37.6 | 43.4 | 37.1 | 35.0 | 35.3 | 37.0 | 38.6 | 40.3 | 40.9 | 41.3 |
| 80° | 30.0 | 30.2 | 30.4 | 29.7 | 29.9 | 30.9 | 31.9 | 33.7 | 35.3 | 35.7 | 35.8 |
| 82.5° | 23.8 | 25.4 | 25.3 | 25.1 | 25.9 | 26.9 | 27.6 | 28.2 | 28.9 | 29.2 | 29.7 |
| 85° | 21.0 | 20.6 | 20.8 | 21.3 | 20.6 | 20.0 | 19.8 | 19.8 | 20.8 | 22.0 | 22.5 |
| 87.5° | 19.2 | 16.3 | 12.2 | 11.6 | 11.6 | 11.2 | 10.6 | 10.6 | 11.6 | 12.5 | 13.0 |
| 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: P145525

CATALOG NUMBER: LDRV-SL4-F01-E

CANDELA DISTRIBUTION (continued):

| | 160° | 165° | 170° | 175° | 180° |
|-------|-------|-------|-------|-------|-------|
| 0° | 492.0 | 492.0 | 492.0 | 492.0 | 492.0 |
| 2.5° | 489.0 | 489.2 | 489.0 | 489.0 | 489.9 |
| 5° | 485.4 | 486.1 | 485.7 | 486.2 | 486.7 |
| 7.5° | 478.0 | 479.6 | 480.0 | 481.3 | 480.8 |
| 10° | 467.2 | 468.4 | 470.1 | 471.4 | 470.9 |
| 12.5° | 450.2 | 453.0 | 455.5 | 457.0 | 456.7 |
| 15° | 428.6 | 432.6 | 435.9 | 437.0 | 435.7 |
| 17.5° | 405.5 | 408.0 | 411.9 | 412.8 | 414.1 |
| 20° | 376.3 | 376.1 | 379.6 | 379.6 | 378.9 |
| 22.5° | 338.1 | 340.6 | 340.6 | 338.3 | 337.1 |
| 25° | 299.2 | 300.0 | 297.5 | 298.0 | 294.9 |
| 27.5° | 260.0 | 257.9 | 255.9 | 256.7 | 254.4 |
| 30° | 222.7 | 218.1 | 216.1 | 216.5 | 214.0 |
| 32.5° | 186.9 | 181.5 | 179.5 | 176.8 | 174.7 |
| 35° | 154.4 | 145.8 | 140.7 | 139.3 | 140.8 |
| 37.5° | 122.5 | 116.4 | 110.3 | 105.8 | 106.3 |
| 40° | 96.9 | 90.6 | 86.7 | 84.9 | 84.5 |
| 42.5° | 80.1 | 76.4 | 75.6 | 75.8 | 75.8 |
| 45° | 72.6 | 72.8 | 73.5 | 74.1 | 74.3 |
| 47.5° | 71.2 | 72.2 | 73.3 | 74.1 | 74.3 |
| 50° | 71.0 | 72.0 | 72.8 | 73.8 | 74.1 |
| 52.5° | 70.8 | 71.5 | 72.0 | 72.5 | 73.0 |
| 55° | 70.2 | 70.5 | 70.3 | 70.7 | 71.2 |
| 57.5° | 68.5 | 68.7 | 68.4 | 68.5 | 69.5 |
| 60° | 67.0 | 67.2 | 66.5 | 67.4 | 67.5 |
| 62.5° | 65.2 | 65.1 | 64.7 | 65.2 | 65.2 |
| 65° | 62.6 | 61.6 | 61.9 | 62.4 | 62.6 |
| 67.5° | 59.4 | 58.4 | 58.4 | 58.8 | 59.3 |
| 70° | 55.5 | 55.0 | 55.0 | 55.6 | 56.3 |
| 72.5° | 51.0 | 51.3 | 52.3 | 53.3 | 54.3 |
| 75° | 47.4 | 48.2 | 49.2 | 51.7 | 53.2 |
| 77.5° | 42.8 | 42.9 | 43.8 | 46.2 | 48.9 |
| 80° | 36.3 | 36.2 | 36.3 | 36.7 | 37.1 |
| 82.5° | 28.7 | 28.4 | 27.4 | 27.7 | 27.1 |
| 85° | 21.1 | 20.6 | 19.5 | 18.7 | 18.5 |
| 87.5° | 12.2 | 12.2 | 11.7 | 11.1 | 10.4 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)