

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: P146969

Luminaire Tested: **LDRV-T4-E04-E-7030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P146969
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33696)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: LDRV-T4-E04-E-7030
Description: RIDGEVIEW LED AREA/SITE LUMINAIRE
(4) LIGHTBARS WITH AccuLED OPTICS - TYPE 4
Light Source: (84) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10735.9 lumens
Efficiency: N/A
Efficacy: 110.5 lumens/watt
Luminous Opening: Rectangular (W 0.67' x L: 1' x H: 0')
IES Classification: Type IV - Short - Semi-Cutoff
BUG Rating: B2 - U0 - G2

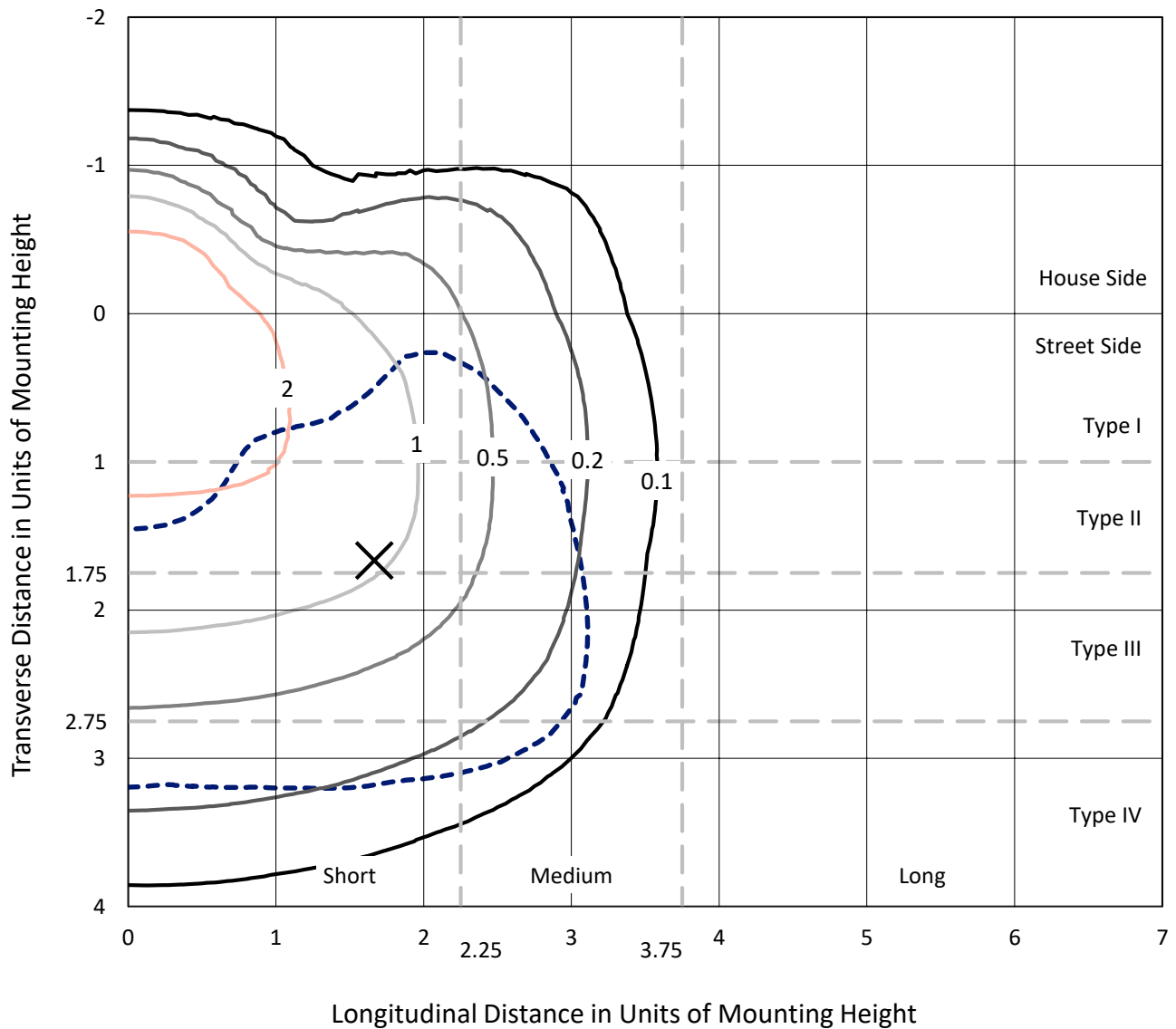
Input Watts (W): 97.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P146969
 CATALOG NUMBER: LDRV-T4-E04-E-7030

Iso-Footcandle Lines of Horizontal Illumination

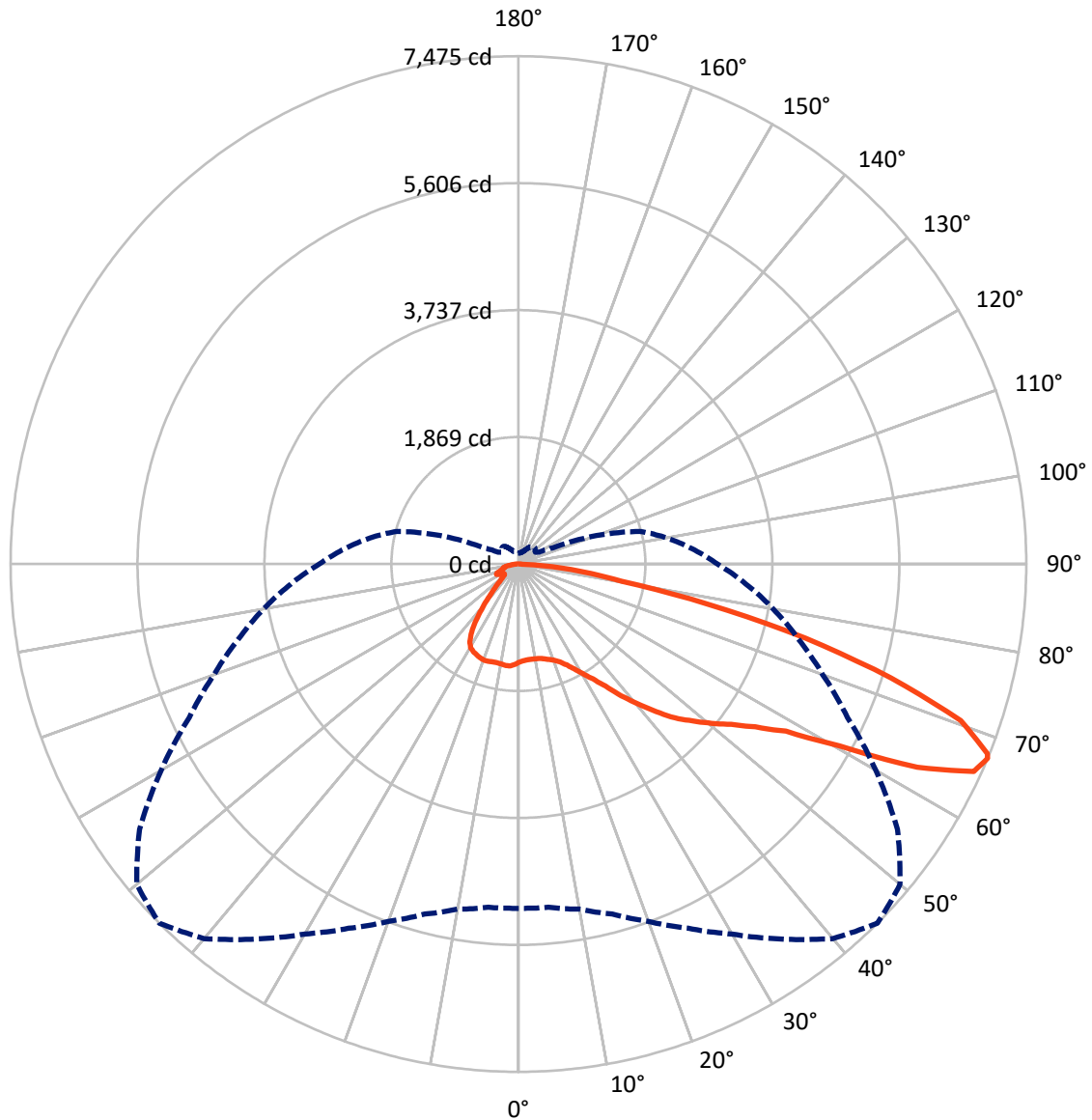
✕ Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 3.7 fc
 Type IV - Short - Semi-Cutoff

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CATALOG NUMBER: LDRV-T4-E04-E-7030

Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 67-Deg Vertical

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CATALOG NUMBER: LDRV-T4-E04-E-7030

FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 2175.4 | 0.0 | 2175.4 |
| | % Fixture | 20.3 | 0.0 | 20.3 |
| Street Side | Lumens | 8560.6 | 0.0 | 8560.6 |
| | % Fixture | 79.7 | 0.0 | 79.7 |
| Total | Lumens | 10735.9 | 0.0 | 10735.9 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 139.3 | 1.3 |
| 10°-20° | 418.3 | 3.9 |
| 20°-30° | 710.9 | 6.6 |
| 30°-40° | 1068.4 | 10.0 |
| 40°-50° | 1389.3 | 12.9 |
| 50°-60° | 1907.4 | 17.8 |
| 60°-70° | 3008.9 | 28.0 |
| 70°-80° | 1818.0 | 16.9 |
| 80°-90° | 275.4 | 2.6 |
| 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° | 10735.9 | 100.0 |
| 0°-180° | 10735.9 | 100.0 |



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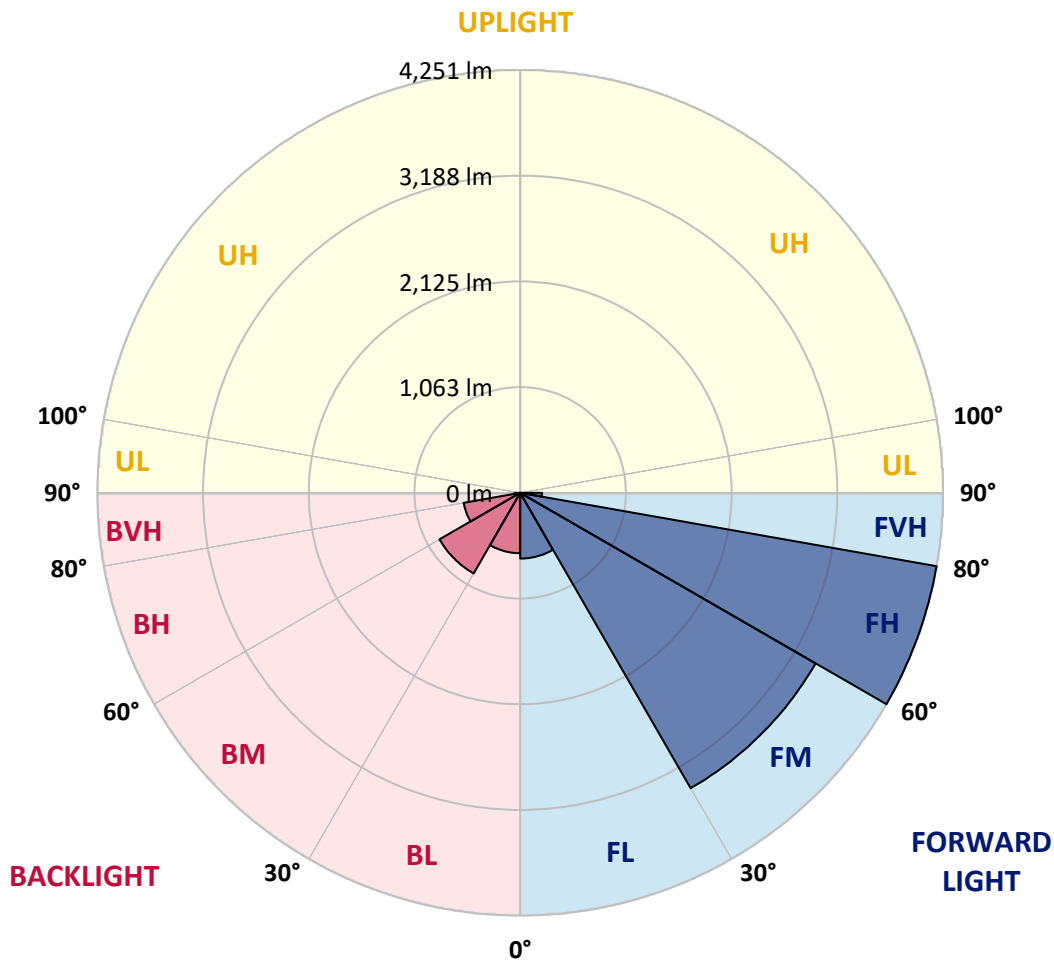
CATALOG NUMBER: LDRV-T4-E04-E-7030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 661.1 | 6.2 | | | |
| FM | (30°-60°) | 3429.0 | 31.9 | | | |
| FH | (60°-80°) | 4250.6 | 39.6 | | | G2/5000 |
| FVH | (80°-90°) | 219.9 | 2.0 | | | G2/225 |
| BL | (0°-30°) | 607.4 | 5.7 | B2/1000 | | |
| BM | (30°-60°) | 936.1 | 8.7 | B1/1000 | | |
| BH | (60°-80°) | 576.4 | 5.4 | B2/1000 | | G2/1000 |
| BVH | (80°-90°) | 55.5 | 0.5 | | | G1/100 |
| UL | (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH | (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B2-U0-G2

Type IV Short





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CATALOG NUMBER: LDRV-T4-E04-E-7030

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1445.3 | 1445.3 | 1445.3 | 1445.3 | 1445.3 | 1445.3 | 1445.3 | 1445.3 | 1445.3 | 1445.3 | 1445.3 |
| 2.5° | 1413.1 | 1416.1 | 1413.9 | 1413.9 | 1414.6 | 1415.3 | 1416.8 | 1419.7 | 1420.4 | 1424.8 | 1425.6 |
| 5° | 1384.6 | 1385.4 | 1385.4 | 1386.1 | 1390.5 | 1394.1 | 1397.8 | 1402.9 | 1407.3 | 1415.3 | 1420.4 |
| 7.5° | 1374.4 | 1377.3 | 1376.6 | 1378.1 | 1382.4 | 1386.1 | 1390.5 | 1397.8 | 1408.8 | 1415.3 | 1422.6 |
| 10° | 1391.2 | 1393.4 | 1391.2 | 1391.9 | 1392.7 | 1396.3 | 1397.8 | 1402.9 | 1411.7 | 1417.5 | 1424.1 |
| 12.5° | 1429.9 | 1429.9 | 1427.7 | 1426.3 | 1424.1 | 1424.8 | 1421.9 | 1421.2 | 1425.6 | 1426.3 | 1427.0 |
| 15° | 1481.1 | 1486.9 | 1479.6 | 1473.8 | 1470.9 | 1467.9 | 1458.4 | 1454.8 | 1454.1 | 1447.5 | 1440.9 |
| 17.5° | 1533.0 | 1534.4 | 1530.0 | 1523.5 | 1519.1 | 1512.5 | 1504.5 | 1497.2 | 1488.4 | 1478.2 | 1465.0 |
| 20° | 1590.7 | 1591.4 | 1585.6 | 1576.1 | 1571.0 | 1562.9 | 1552.7 | 1540.3 | 1529.3 | 1513.2 | 1498.6 |
| 22.5° | 1671.1 | 1670.3 | 1658.6 | 1650.6 | 1643.3 | 1633.8 | 1619.2 | 1602.4 | 1584.8 | 1565.8 | 1545.4 |
| 25° | 1763.1 | 1763.1 | 1755.1 | 1741.9 | 1738.3 | 1724.4 | 1708.3 | 1688.6 | 1670.3 | 1643.3 | 1618.5 |
| 27.5° | 1868.3 | 1869.1 | 1854.5 | 1847.2 | 1839.1 | 1824.5 | 1813.5 | 1798.2 | 1773.4 | 1746.3 | 1720.8 |
| 30° | 1993.3 | 1989.6 | 1978.0 | 1962.6 | 1959.7 | 1948.0 | 1932.6 | 1921.7 | 1891.0 | 1872.0 | 1843.5 |
| 32.5° | 2111.7 | 2117.5 | 2114.6 | 2097.1 | 2100.0 | 2088.3 | 2075.1 | 2067.1 | 2034.9 | 2016.7 | 1990.4 |
| 35° | 2288.5 | 2293.6 | 2298.0 | 2291.4 | 2295.1 | 2288.5 | 2277.5 | 2256.3 | 2230.0 | 2205.9 | 2169.4 |
| 37.5° | 2425.9 | 2431.0 | 2433.9 | 2450.0 | 2473.4 | 2496.0 | 2506.2 | 2495.3 | 2496.7 | 2460.2 | 2411.2 |
| 40° | 2538.4 | 2550.8 | 2568.3 | 2599.0 | 2645.8 | 2688.9 | 2712.3 | 2730.6 | 2740.1 | 2705.7 | 2642.1 |
| 42.5° | 2650.9 | 2664.1 | 2688.2 | 2737.1 | 2801.4 | 2863.5 | 2912.5 | 2968.8 | 2979.0 | 2970.2 | 2916.1 |
| 45° | 2768.5 | 2783.9 | 2813.8 | 2869.4 | 2944.6 | 3025.7 | 3104.7 | 3184.3 | 3224.5 | 3231.1 | 3165.3 |
| 47.5° | 2910.3 | 2932.2 | 2960.0 | 3022.8 | 3095.9 | 3187.2 | 3285.9 | 3388.2 | 3451.0 | 3451.0 | 3375.0 |
| 50° | 3087.1 | 3112.0 | 3135.3 | 3198.2 | 3271.3 | 3365.5 | 3479.5 | 3593.5 | 3679.0 | 3684.1 | 3592.0 |
| 52.5° | 3334.8 | 3338.5 | 3352.4 | 3410.1 | 3473.7 | 3578.9 | 3687.0 | 3819.3 | 3917.9 | 3922.3 | 3816.3 |
| 55° | 3635.9 | 3635.9 | 3651.9 | 3700.2 | 3759.4 | 3846.3 | 3958.1 | 4105.0 | 4208.7 | 4231.4 | 4095.5 |
| 57.5° | 4031.9 | 4046.5 | 4054.5 | 4110.8 | 4151.0 | 4243.1 | 4336.6 | 4496.6 | 4628.9 | 4643.5 | 4505.4 |
| 60° | 4676.4 | 4648.6 | 4693.2 | 4742.8 | 4837.1 | 4904.3 | 5063.6 | 5224.4 | 5393.2 | 5433.3 | 5285.0 |
| 62.5° | 5311.3 | 5341.3 | 5396.1 | 5485.9 | 5647.4 | 5797.9 | 6025.9 | 6270.0 | 6532.3 | 6586.4 | 6473.1 |
| 65° | 5350.8 | 5369.0 | 5445.0 | 5599.9 | 5820.6 | 6088.8 | 6403.0 | 6770.5 | 7161.4 | 7363.8 | 7173.8 |
| 67° | 5067.3 | 5072.4 | 5158.6 | 5334.7 | 5599.2 | 5917.0 | 6289.0 | 6737.6 | 7196.5 | 7474.9 | 7333.1 |
| 67.5° | 4977.4 | 4986.9 | 5071.7 | 5251.4 | 5518.8 | 5844.0 | 6223.2 | 6684.3 | 7154.1 | 7444.9 | 7317.0 |
| 70° | 4449.8 | 4449.8 | 4541.2 | 4722.4 | 4973.0 | 5290.1 | 5686.9 | 6152.3 | 6663.1 | 6907.9 | 6799.0 |
| 72.5° | 3787.8 | 3763.7 | 3866.8 | 4004.1 | 4208.7 | 4485.6 | 4805.0 | 5172.5 | 5556.8 | 5735.1 | 5692.0 |
| 75° | 2753.2 | 2798.5 | 2851.8 | 2953.4 | 3131.0 | 3349.4 | 3536.5 | 3864.6 | 4166.3 | 4363.6 | 4311.7 |
| 77.5° | 1502.3 | 1519.8 | 1667.4 | 1728.1 | 1883.7 | 2045.9 | 2251.2 | 2481.4 | 2718.9 | 2843.1 | 2792.7 |
| 80° | 892.9 | 927.2 | 1014.9 | 1087.3 | 1171.3 | 1294.8 | 1443.8 | 1494.2 | 1541.0 | 1538.1 | 1446.7 |
| 82.5° | 564.1 | 605.7 | 700.7 | 762.8 | 806.7 | 878.3 | 959.4 | 1023.0 | 1036.8 | 968.2 | 862.2 |
| 85° | 91.3 | 151.3 | 395.3 | 464.7 | 492.5 | 531.2 | 591.1 | 618.2 | 577.2 | 504.2 | 522.4 |
| 87.5° | 35.8 | 43.1 | 120.6 | 152.7 | 161.5 | 84.8 | 146.9 | 172.4 | 87.7 | 44.6 | 100.8 |
| 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-T4-E04-E-7030

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1445.3 | 1445.3 | 1445.3 | 1445.3 | 1445.3 | 1445.3 | 1445.3 | 1445.3 | 1445.3 | 1445.3 | 1445.3 |
| 2.5° | 1429.9 | 1433.6 | 1437.2 | 1441.6 | 1443.1 | 1446.7 | 1453.3 | 1452.6 | 1457.7 | 1459.9 | 1463.6 |
| 5° | 1427.0 | 1435.1 | 1440.9 | 1448.9 | 1451.9 | 1459.9 | 1468.7 | 1471.6 | 1478.2 | 1483.3 | 1487.7 |
| 7.5° | 1432.9 | 1441.6 | 1448.9 | 1458.4 | 1465.0 | 1471.6 | 1478.2 | 1486.2 | 1492.0 | 1495.7 | 1498.6 |
| 10° | 1435.1 | 1444.6 | 1453.3 | 1461.4 | 1468.7 | 1473.8 | 1481.1 | 1487.7 | 1493.5 | 1495.7 | 1496.4 |
| 12.5° | 1435.8 | 1442.4 | 1451.1 | 1459.9 | 1466.5 | 1473.1 | 1478.2 | 1485.5 | 1489.9 | 1490.6 | 1489.1 |
| 15° | 1441.6 | 1442.4 | 1448.2 | 1458.4 | 1465.0 | 1471.6 | 1475.2 | 1478.9 | 1481.8 | 1479.6 | 1477.4 |
| 17.5° | 1459.2 | 1454.1 | 1454.1 | 1459.2 | 1462.8 | 1465.7 | 1466.5 | 1465.7 | 1462.8 | 1458.4 | 1454.8 |
| 20° | 1487.7 | 1477.4 | 1469.4 | 1466.5 | 1460.6 | 1453.3 | 1443.8 | 1435.1 | 1424.1 | 1419.0 | 1418.3 |
| 22.5° | 1532.2 | 1516.9 | 1502.3 | 1487.7 | 1468.7 | 1447.5 | 1425.6 | 1406.6 | 1391.2 | 1383.2 | 1383.9 |
| 25° | 1608.2 | 1585.6 | 1568.8 | 1543.2 | 1512.5 | 1482.6 | 1454.1 | 1428.5 | 1410.2 | 1395.6 | 1398.5 |
| 27.5° | 1710.5 | 1684.9 | 1670.3 | 1641.1 | 1606.0 | 1568.0 | 1534.4 | 1499.4 | 1473.1 | 1454.8 | 1458.4 |
| 30° | 1830.4 | 1823.0 | 1798.9 | 1769.7 | 1736.8 | 1693.7 | 1643.3 | 1590.7 | 1543.2 | 1513.2 | 1507.4 |
| 32.5° | 1975.0 | 1967.0 | 1940.7 | 1915.8 | 1873.5 | 1826.0 | 1760.2 | 1676.9 | 1602.4 | 1545.4 | 1520.5 |
| 35° | 2153.3 | 2133.6 | 2101.4 | 2077.3 | 2029.8 | 1968.5 | 1883.7 | 1771.2 | 1657.9 | 1572.4 | 1510.3 |
| 37.5° | 2375.4 | 2326.5 | 2273.1 | 2210.3 | 2140.2 | 2065.6 | 1967.7 | 1836.2 | 1695.9 | 1574.6 | 1464.3 |
| 40° | 2587.3 | 2508.4 | 2420.0 | 2320.6 | 2235.2 | 2145.3 | 2043.7 | 1893.2 | 1721.5 | 1559.3 | 1394.9 |
| 42.5° | 2823.3 | 2700.6 | 2580.8 | 2444.1 | 2331.6 | 2224.9 | 2108.7 | 1933.4 | 1726.6 | 1517.6 | 1305.0 |
| 45° | 3050.6 | 2892.8 | 2732.0 | 2563.2 | 2420.0 | 2301.6 | 2169.4 | 1967.7 | 1725.1 | 1473.8 | 1215.9 |
| 47.5° | 3253.0 | 3064.5 | 2865.7 | 2675.8 | 2509.2 | 2379.1 | 2234.4 | 2014.5 | 1744.9 | 1461.4 | 1156.7 |
| 50° | 3442.2 | 3224.5 | 2991.4 | 2780.2 | 2599.0 | 2466.0 | 2317.0 | 2088.3 | 1805.5 | 1489.9 | 1147.9 |
| 52.5° | 3637.3 | 3400.6 | 3133.9 | 2906.6 | 2717.4 | 2563.2 | 2412.7 | 2182.5 | 1890.3 | 1548.3 | 1167.6 |
| 55° | 3891.6 | 3619.8 | 3335.6 | 3083.5 | 2866.5 | 2700.6 | 2526.7 | 2296.5 | 1981.6 | 1616.3 | 1204.9 |
| 57.5° | 4270.1 | 3952.2 | 3629.3 | 3358.2 | 3107.6 | 2900.8 | 2710.1 | 2446.3 | 2132.9 | 1718.6 | 1286.7 |
| 60° | 4949.6 | 4597.4 | 4223.3 | 3869.0 | 3580.3 | 3338.5 | 3095.9 | 2768.5 | 2412.0 | 1950.9 | 1474.5 |
| 62.5° | 6059.5 | 5572.2 | 5054.8 | 4588.7 | 4191.9 | 3864.6 | 3522.6 | 3129.5 | 2713.7 | 2233.0 | 1758.7 |
| 65° | 6726.6 | 6054.4 | 5396.1 | 4855.4 | 4386.3 | 3966.9 | 3553.3 | 3131.0 | 2728.4 | 2308.2 | 1886.6 |
| 67° | 6809.2 | 6072.0 | 5343.5 | 4767.7 | 4265.0 | 3808.3 | 3359.7 | 2927.8 | 2567.6 | 2215.4 | 1851.5 |
| 67.5° | 6784.4 | 6036.9 | 5293.8 | 4712.2 | 4204.3 | 3762.3 | 3320.9 | 2878.9 | 2528.2 | 2176.0 | 1825.2 |
| 70° | 6294.8 | 5563.4 | 4828.3 | 4262.8 | 3776.2 | 3323.9 | 2906.6 | 2463.9 | 2192.8 | 1940.7 | 1637.5 |
| 72.5° | 5224.4 | 4653.7 | 4037.7 | 3566.5 | 3146.3 | 2754.7 | 2387.9 | 2017.4 | 1799.7 | 1621.4 | 1408.0 |
| 75° | 3874.1 | 3350.9 | 2829.9 | 2546.4 | 2220.5 | 1907.1 | 1623.6 | 1349.6 | 1265.5 | 1223.2 | 1097.5 |
| 77.5° | 2392.2 | 1922.4 | 1530.0 | 1273.6 | 1012.7 | 793.5 | 631.3 | 513.7 | 535.6 | 623.3 | 663.5 |
| 80° | 1191.0 | 879.7 | 681.0 | 541.4 | 437.7 | 353.6 | 259.4 | 190.0 | 227.2 | 269.6 | 305.4 |
| 82.5° | 716.8 | 566.3 | 447.9 | 379.2 | 308.3 | 238.2 | 168.8 | 128.6 | 142.5 | 191.4 | 210.4 |
| 85° | 445.0 | 356.6 | 285.0 | 238.2 | 197.3 | 146.1 | 95.7 | 95.0 | 100.8 | 127.1 | 145.4 |
| 87.5° | 130.8 | 88.4 | 70.1 | 73.1 | 81.1 | 67.2 | 50.4 | 43.1 | 53.3 | 73.1 | 81.8 |
| 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-T4-E04-E-7030

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1445.3 | 1445.3 | 1445.3 | 1445.3 | 1445.3 | 1445.3 | 1445.3 | 1445.3 | 1445.3 | 1445.3 | 1445.3 |
| 2.5° | 1464.3 | 1469.4 | 1471.6 | 1472.3 | 1473.1 | 1477.4 | 1477.4 | 1481.8 | 1483.3 | 1483.3 | 1484.7 |
| 5° | 1492.0 | 1497.2 | 1499.4 | 1500.1 | 1501.5 | 1503.7 | 1503.0 | 1505.9 | 1507.4 | 1506.7 | 1506.7 |
| 7.5° | 1502.3 | 1503.7 | 1503.7 | 1505.9 | 1508.1 | 1505.9 | 1504.5 | 1505.9 | 1505.2 | 1505.9 | 1505.9 |
| 10° | 1498.6 | 1497.2 | 1497.2 | 1495.7 | 1497.9 | 1493.5 | 1493.5 | 1495.0 | 1494.2 | 1495.7 | 1497.9 |
| 12.5° | 1489.9 | 1489.1 | 1486.9 | 1486.2 | 1489.1 | 1486.2 | 1486.9 | 1489.1 | 1490.6 | 1493.5 | 1497.2 |
| 15° | 1477.4 | 1475.2 | 1475.2 | 1478.2 | 1485.5 | 1487.7 | 1490.6 | 1494.2 | 1495.0 | 1496.4 | 1497.9 |
| 17.5° | 1456.2 | 1459.9 | 1468.7 | 1478.9 | 1492.8 | 1497.9 | 1499.4 | 1497.2 | 1489.9 | 1484.0 | 1478.2 |
| 20° | 1427.0 | 1443.1 | 1465.7 | 1487.7 | 1504.5 | 1503.7 | 1494.2 | 1480.4 | 1462.8 | 1450.4 | 1442.4 |
| 22.5° | 1402.2 | 1433.6 | 1468.7 | 1495.0 | 1505.9 | 1492.0 | 1470.1 | 1448.9 | 1428.5 | 1410.2 | 1394.1 |
| 25° | 1419.7 | 1449.7 | 1479.6 | 1495.7 | 1495.0 | 1470.9 | 1441.6 | 1418.3 | 1390.5 | 1364.9 | 1337.9 |
| 27.5° | 1476.7 | 1495.0 | 1503.7 | 1498.6 | 1483.3 | 1451.1 | 1419.0 | 1386.1 | 1350.3 | 1319.6 | 1288.2 |
| 30° | 1515.4 | 1515.4 | 1506.7 | 1486.2 | 1459.2 | 1423.4 | 1383.9 | 1341.5 | 1299.1 | 1263.3 | 1227.5 |
| 32.5° | 1503.0 | 1474.5 | 1448.9 | 1421.2 | 1390.5 | 1351.8 | 1306.5 | 1260.4 | 1212.2 | 1170.5 | 1139.9 |
| 35° | 1448.9 | 1387.6 | 1334.2 | 1294.8 | 1262.6 | 1216.6 | 1164.0 | 1111.4 | 1071.9 | 1043.4 | 1025.9 |
| 37.5° | 1352.5 | 1254.6 | 1177.1 | 1128.9 | 1079.2 | 1031.7 | 971.1 | 947.0 | 911.9 | 894.4 | 887.8 |
| 40° | 1235.6 | 1092.4 | 995.2 | 933.1 | 880.5 | 821.3 | 780.4 | 765.0 | 751.9 | 748.2 | 745.3 |
| 42.5° | 1101.1 | 922.1 | 806.7 | 742.4 | 678.8 | 635.7 | 617.4 | 607.9 | 605.7 | 605.7 | 609.4 |
| 45° | 961.6 | 748.9 | 616.0 | 564.1 | 511.5 | 488.8 | 484.4 | 480.1 | 480.8 | 478.6 | 480.1 |
| 47.5° | 853.4 | 601.3 | 464.7 | 417.2 | 390.2 | 382.9 | 377.8 | 376.3 | 376.3 | 372.6 | 368.3 |
| 50° | 797.2 | 502.7 | 364.6 | 327.3 | 312.0 | 306.9 | 306.9 | 304.0 | 298.1 | 294.5 | 285.0 |
| 52.5° | 782.6 | 451.6 | 315.7 | 283.5 | 270.4 | 266.0 | 261.6 | 257.2 | 248.4 | 240.4 | 229.4 |
| 55° | 794.2 | 435.5 | 300.3 | 270.4 | 255.7 | 250.6 | 247.0 | 239.7 | 227.2 | 215.6 | 203.1 |
| 57.5° | 843.2 | 445.7 | 306.2 | 274.0 | 260.9 | 257.2 | 253.5 | 242.6 | 227.2 | 210.4 | 196.6 |
| 60° | 976.9 | 493.9 | 331.0 | 293.7 | 282.8 | 283.5 | 278.4 | 264.5 | 242.6 | 218.5 | 198.0 |
| 62.5° | 1149.4 | 561.2 | 363.1 | 321.5 | 320.0 | 327.3 | 327.3 | 303.2 | 267.4 | 230.9 | 203.1 |
| 65° | 1248.0 | 582.4 | 367.5 | 325.2 | 337.6 | 358.8 | 357.3 | 325.2 | 276.2 | 230.9 | 200.9 |
| 67° | 1223.2 | 559.7 | 349.3 | 304.0 | 318.6 | 342.7 | 339.8 | 309.1 | 263.0 | 221.4 | 195.1 |
| 67.5° | 1203.4 | 552.4 | 344.9 | 298.8 | 313.5 | 333.2 | 333.2 | 302.5 | 257.2 | 218.5 | 192.9 |
| 70° | 1059.5 | 488.1 | 323.0 | 279.1 | 279.1 | 284.2 | 280.6 | 258.7 | 228.0 | 200.9 | 184.1 |
| 72.5° | 883.4 | 426.7 | 305.4 | 265.2 | 251.4 | 248.4 | 243.3 | 228.0 | 208.2 | 189.2 | 174.6 |
| 75° | 684.6 | 377.8 | 291.5 | 250.6 | 232.4 | 225.8 | 220.7 | 209.0 | 193.6 | 177.6 | 165.1 |
| 77.5° | 479.3 | 323.7 | 273.3 | 238.2 | 218.5 | 213.4 | 205.3 | 192.2 | 179.7 | 165.9 | 154.2 |
| 80° | 297.4 | 267.4 | 238.2 | 214.8 | 194.4 | 187.1 | 176.8 | 165.1 | 154.9 | 146.9 | 138.1 |
| 82.5° | 211.9 | 196.6 | 177.6 | 165.1 | 143.9 | 122.0 | 130.8 | 131.5 | 124.9 | 119.8 | 117.6 |
| 85° | 141.8 | 127.9 | 118.4 | 107.4 | 95.0 | 85.5 | 87.7 | 94.3 | 95.0 | 92.8 | 92.8 |
| 87.5° | 77.5 | 65.8 | 63.6 | 65.8 | 57.0 | 54.1 | 54.8 | 60.6 | 61.4 | 61.4 | 62.1 |
| 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: P146969

CATALOG NUMBER: LDRV-T4-E04-E-7030

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° |
|-------|--------|--------|--------|--------|
| 0° | 1445.3 | 1445.3 | 1445.3 | 1445.3 |
| 2.5° | 1485.5 | 1487.7 | 1486.9 | 1488.4 |
| 5° | 1508.1 | 1509.6 | 1508.9 | 1509.6 |
| 7.5° | 1504.5 | 1507.4 | 1508.9 | 1506.7 |
| 10° | 1498.6 | 1503.0 | 1505.9 | 1505.9 |
| 12.5° | 1500.1 | 1507.4 | 1511.8 | 1511.8 |
| 15° | 1498.6 | 1504.5 | 1505.9 | 1505.9 |
| 17.5° | 1476.0 | 1476.0 | 1476.7 | 1473.8 |
| 20° | 1436.5 | 1432.1 | 1430.7 | 1425.6 |
| 22.5° | 1380.3 | 1370.0 | 1363.4 | 1359.8 |
| 25° | 1316.0 | 1299.9 | 1289.7 | 1283.8 |
| 27.5° | 1262.6 | 1248.7 | 1238.5 | 1232.7 |
| 30° | 1203.4 | 1187.4 | 1181.5 | 1177.1 |
| 32.5° | 1117.9 | 1102.6 | 1098.2 | 1094.6 |
| 35° | 1006.9 | 1001.8 | 990.1 | 982.0 |
| 37.5° | 878.3 | 871.7 | 867.3 | 864.4 |
| 40° | 743.8 | 744.6 | 740.9 | 734.3 |
| 42.5° | 609.4 | 616.7 | 609.4 | 607.9 |
| 45° | 478.6 | 486.6 | 486.6 | 488.8 |
| 47.5° | 369.0 | 367.5 | 370.5 | 371.2 |
| 50° | 279.1 | 274.7 | 273.3 | 271.1 |
| 52.5° | 221.4 | 216.3 | 213.4 | 209.7 |
| 55° | 195.1 | 189.2 | 186.3 | 185.6 |
| 57.5° | 186.3 | 179.0 | 174.6 | 173.9 |
| 60° | 184.1 | 173.9 | 168.1 | 166.6 |
| 62.5° | 184.1 | 171.7 | 165.1 | 162.9 |
| 65° | 181.9 | 169.5 | 163.7 | 161.5 |
| 67° | 179.0 | 168.1 | 162.2 | 160.7 |
| 67.5° | 177.6 | 167.3 | 162.2 | 160.0 |
| 70° | 173.9 | 165.1 | 159.3 | 157.1 |
| 72.5° | 165.9 | 158.6 | 152.7 | 151.3 |
| 75° | 157.1 | 150.5 | 146.9 | 145.4 |
| 77.5° | 146.9 | 141.0 | 136.6 | 133.0 |
| 80° | 131.5 | 124.9 | 118.4 | 116.9 |
| 82.5° | 111.8 | 104.5 | 99.4 | 98.6 |
| 85° | 89.9 | 84.0 | 78.2 | 78.2 |
| 87.5° | 62.8 | 59.2 | 55.5 | 51.9 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)