

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: P146964

Luminaire Tested: **LDRV-T4-F03-E-7030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P146964
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-F03-E-7030
Description: RIDGEVIEW LED AREA/SITE LUMINAIRE
(3) LIGHTBARS WITH AccuLED OPTICS - TYPE 4
Light Source: (21) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6647.1 lumens
Efficiency: N/A
Efficacy: 84.9 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Short - Semi-Cutoff
BUG Rating: B1 - U0 - G2

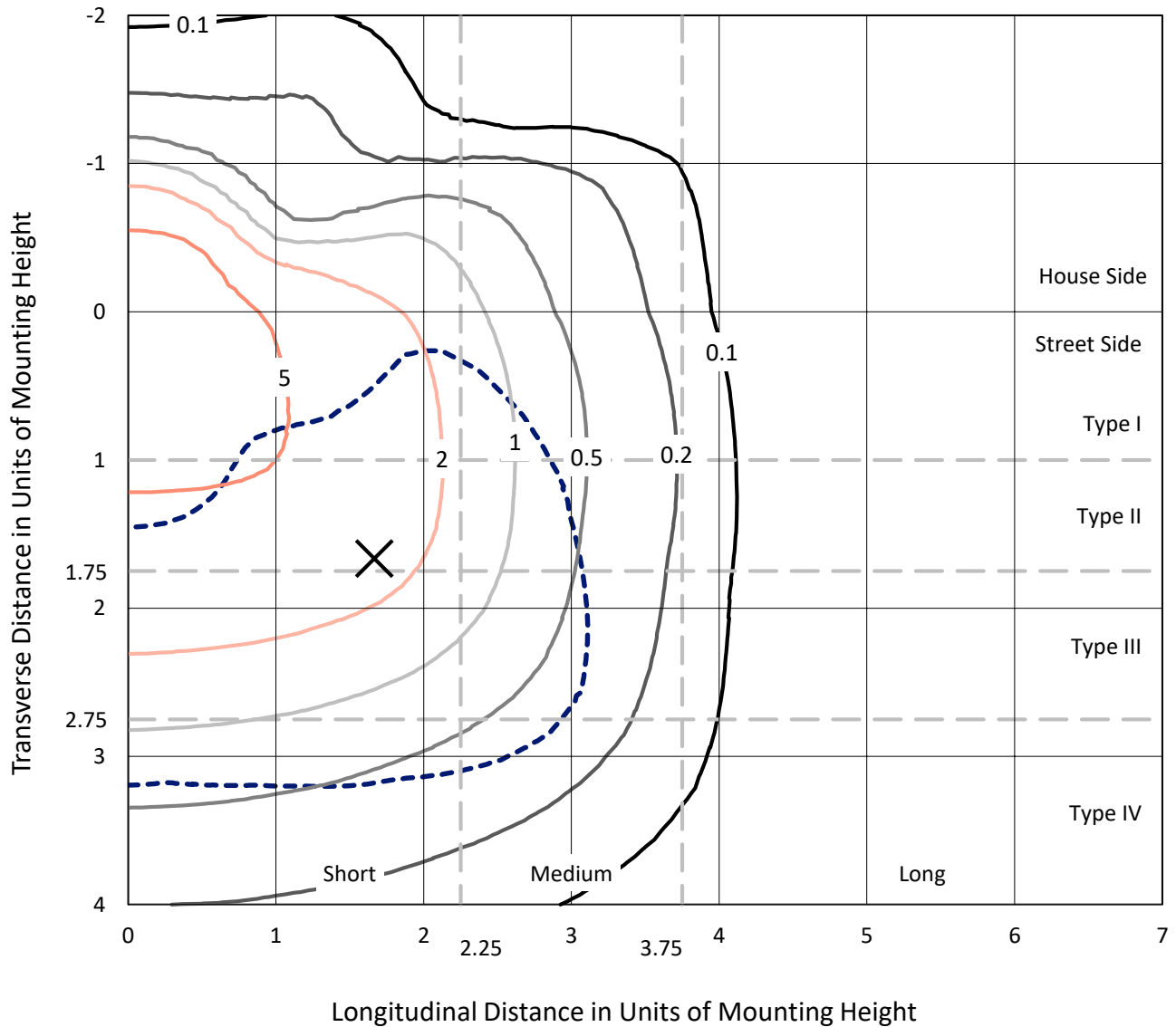
Input Watts (W): 78.3
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P146964
 CATALOG NUMBER: LDRV-T4-F03-E-7030

Iso-Footcandle Lines of Horizontal Illumination

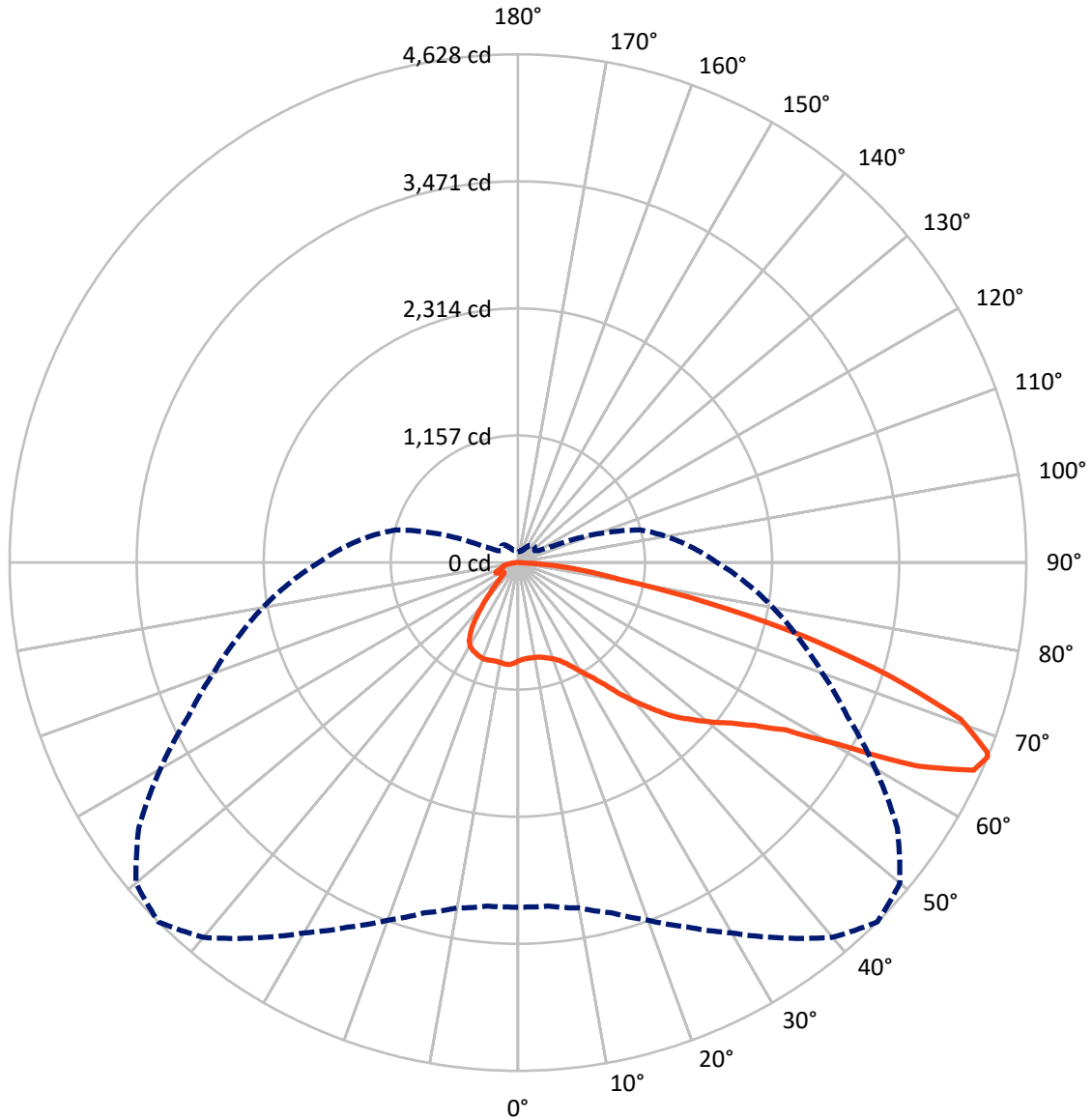
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 9.1 fc
 Type IV - Short - Semi-Cutoff

REPORT NUMBER: P146964
CATALOG NUMBER: LDRV-T4-F03-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-F03-E-7030

FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 1346.8 | 0.0 | 1346.8 |
| | % Fixture | 20.3 | 0.0 | 20.3 |
| Street Side | Lumens | 5300.2 | 0.0 | 5300.2 |
| | % Fixture | 79.7 | 0.0 | 79.7 |
| Total | Lumens | 6647.1 | 0.0 | 6647.1 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 86.2 | 1.3 |
| 10°-20° | 259.0 | 3.9 |
| 20°-30° | 440.2 | 6.6 |
| 30°-40° | 661.5 | 10.0 |
| 40°-50° | 860.2 | 12.9 |
| 50°-60° | 1180.9 | 17.8 |
| 60°-70° | 1862.9 | 28.0 |
| 70°-80° | 1125.6 | 16.9 |
| 80°-90° | 170.5 | 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° | 6647.1 | 100.0 |
| 0°-180° | 6647.1 | 100.0 |

Coefficient of Utilization



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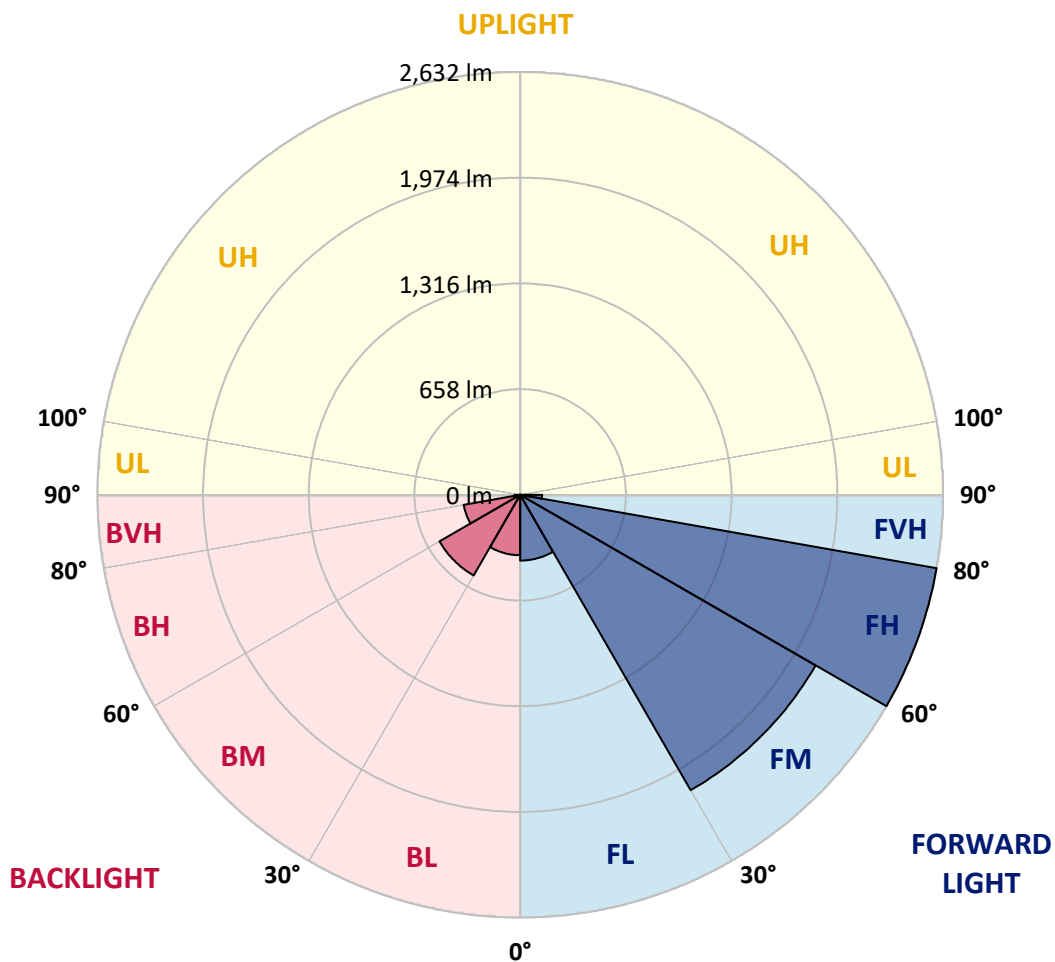
CATALOG NUMBER: LDRV-T4-F03-E-7030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 409.3 | 6.2 | | | |
| FM | (30°-60°) | 2123.0 | 31.9 | | | |
| FH | (60°-80°) | 2631.7 | 39.6 | | | G2/5000 |
| FVH | (80°-90°) | 136.2 | 2.0 | | | G2/225 |
| BL | (0°-30°) | 376.0 | 5.7 | B1/500 | | |
| BM | (30°-60°) | 579.6 | 8.7 | B1/1000 | | |
| BH | (60°-80°) | 356.9 | 5.4 | B1/500 | | G1/500 |
| BVH | (80°-90°) | 34.4 | 0.5 | | | G1/100 |
| UL | (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH | (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B1-U0-G2

Type IV Short





REPORT NUMBER: P146964

CATALOG NUMBER: LDRV-T4-F03-E-7030

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 894.8 | 894.8 | 894.8 | 894.8 | 894.8 | 894.8 | 894.8 | 894.8 | 894.8 | 894.8 | 894.8 |
| 2.5° | 874.9 | 876.7 | 875.4 | 875.4 | 875.8 | 876.3 | 877.2 | 879.0 | 879.5 | 882.2 | 882.6 |
| 5° | 857.3 | 857.7 | 857.7 | 858.2 | 860.9 | 863.2 | 865.4 | 868.6 | 871.3 | 876.3 | 879.5 |
| 7.5° | 851.0 | 852.8 | 852.3 | 853.2 | 855.9 | 858.2 | 860.9 | 865.4 | 872.2 | 876.3 | 880.8 |
| 10° | 861.4 | 862.7 | 861.4 | 861.8 | 862.3 | 864.5 | 865.4 | 868.6 | 874.0 | 877.6 | 881.7 |
| 12.5° | 885.3 | 885.3 | 884.0 | 883.1 | 881.7 | 882.2 | 880.4 | 879.9 | 882.6 | 883.1 | 883.5 |
| 15° | 917.0 | 920.6 | 916.1 | 912.5 | 910.7 | 908.9 | 903.0 | 900.7 | 900.3 | 896.2 | 892.1 |
| 17.5° | 949.1 | 950.0 | 947.3 | 943.2 | 940.5 | 936.5 | 931.5 | 927.0 | 921.5 | 915.2 | 907.1 |
| 20° | 984.9 | 985.3 | 981.7 | 975.8 | 972.7 | 967.7 | 961.3 | 953.7 | 946.9 | 936.9 | 927.9 |
| 22.5° | 1034.6 | 1034.2 | 1026.9 | 1022.0 | 1017.4 | 1011.6 | 1002.5 | 992.1 | 981.2 | 969.5 | 956.8 |
| 25° | 1091.6 | 1091.6 | 1086.7 | 1078.5 | 1076.3 | 1067.7 | 1057.7 | 1045.5 | 1034.2 | 1017.4 | 1002.1 |
| 27.5° | 1156.8 | 1157.2 | 1148.2 | 1143.7 | 1138.7 | 1129.6 | 1122.8 | 1113.3 | 1098.0 | 1081.2 | 1065.4 |
| 30° | 1234.1 | 1231.9 | 1224.6 | 1215.1 | 1213.3 | 1206.1 | 1196.6 | 1189.8 | 1170.8 | 1159.0 | 1141.4 |
| 32.5° | 1307.4 | 1311.0 | 1309.2 | 1298.4 | 1300.2 | 1292.9 | 1284.8 | 1279.8 | 1259.9 | 1248.6 | 1232.3 |
| 35° | 1416.9 | 1420.1 | 1422.8 | 1418.7 | 1421.0 | 1416.9 | 1410.1 | 1397.0 | 1380.7 | 1365.8 | 1343.2 |
| 37.5° | 1502.0 | 1505.1 | 1506.9 | 1516.9 | 1531.4 | 1545.4 | 1551.7 | 1544.9 | 1545.8 | 1523.2 | 1492.9 |
| 40° | 1571.6 | 1579.3 | 1590.2 | 1609.2 | 1638.1 | 1664.8 | 1679.3 | 1690.6 | 1696.5 | 1675.2 | 1635.9 |
| 42.5° | 1641.3 | 1649.4 | 1664.4 | 1694.7 | 1734.5 | 1772.9 | 1803.3 | 1838.1 | 1844.4 | 1839.0 | 1805.5 |
| 45° | 1714.1 | 1723.6 | 1742.2 | 1776.6 | 1823.2 | 1873.4 | 1922.2 | 1971.5 | 1996.4 | 2000.5 | 1959.8 |
| 47.5° | 1801.9 | 1815.5 | 1832.7 | 1871.6 | 1916.8 | 1973.4 | 2034.4 | 2097.8 | 2136.7 | 2136.7 | 2089.6 |
| 50° | 1911.4 | 1926.8 | 1941.2 | 1980.1 | 2025.4 | 2083.7 | 2154.3 | 2224.9 | 2277.8 | 2281.0 | 2224.0 |
| 52.5° | 2064.7 | 2067.0 | 2075.6 | 2111.3 | 2150.7 | 2215.8 | 2282.8 | 2364.7 | 2425.7 | 2428.5 | 2362.9 |
| 55° | 2251.1 | 2251.1 | 2261.1 | 2290.9 | 2327.6 | 2381.4 | 2450.6 | 2541.6 | 2605.8 | 2619.8 | 2535.7 |
| 57.5° | 2496.3 | 2505.4 | 2510.3 | 2545.2 | 2570.1 | 2627.1 | 2685.0 | 2784.0 | 2865.9 | 2875.0 | 2789.5 |
| 60° | 2895.3 | 2878.1 | 2905.7 | 2936.5 | 2994.9 | 3036.5 | 3135.1 | 3234.6 | 3339.1 | 3364.0 | 3272.2 |
| 62.5° | 3288.5 | 3307.0 | 3340.9 | 3396.6 | 3496.6 | 3589.8 | 3730.9 | 3882.0 | 4044.4 | 4077.9 | 4007.8 |
| 65° | 3312.9 | 3324.2 | 3371.3 | 3467.2 | 3603.8 | 3769.8 | 3964.3 | 4191.9 | 4433.9 | 4559.2 | 4441.6 |
| 67° | 3137.4 | 3140.5 | 3193.9 | 3302.9 | 3466.7 | 3663.5 | 3893.8 | 4171.5 | 4455.6 | 4628.0 | 4540.2 |
| 67.5° | 3081.7 | 3087.6 | 3140.1 | 3251.4 | 3416.9 | 3618.3 | 3853.1 | 4138.5 | 4429.4 | 4609.5 | 4530.3 |
| 70° | 2755.1 | 2755.1 | 2811.6 | 2923.8 | 3079.0 | 3275.3 | 3521.0 | 3809.2 | 4125.4 | 4277.0 | 4209.5 |
| 72.5° | 2345.2 | 2330.3 | 2394.1 | 2479.1 | 2605.8 | 2777.3 | 2975.0 | 3202.5 | 3440.5 | 3550.9 | 3524.2 |
| 75° | 1704.6 | 1732.7 | 1765.7 | 1828.6 | 1938.5 | 2073.8 | 2189.6 | 2392.7 | 2579.6 | 2701.7 | 2669.6 |
| 77.5° | 930.1 | 941.0 | 1032.4 | 1069.9 | 1166.3 | 1266.7 | 1393.8 | 1536.3 | 1683.4 | 1760.3 | 1729.1 |
| 80° | 552.8 | 574.1 | 628.4 | 673.2 | 725.2 | 801.6 | 893.9 | 925.1 | 954.1 | 952.3 | 895.7 |
| 82.5° | 349.2 | 375.0 | 433.8 | 472.3 | 499.4 | 543.8 | 594.0 | 633.4 | 642.0 | 599.4 | 533.8 |
| 85° | 56.5 | 93.6 | 244.7 | 287.7 | 304.9 | 328.9 | 366.0 | 382.7 | 357.4 | 312.2 | 323.5 |
| 87.5° | 22.2 | 26.7 | 74.6 | 94.6 | 100.0 | 52.5 | 90.9 | 106.8 | 54.3 | 27.6 | 62.4 |
| 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: P146964

CATALOG NUMBER: LDRV-T4-F03-E-7030

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 894.8 | 894.8 | 894.8 | 894.8 | 894.8 | 894.8 | 894.8 | 894.8 | 894.8 | 894.8 | 894.8 |
| 2.5° | 885.3 | 887.6 | 889.9 | 892.6 | 893.5 | 895.7 | 899.8 | 899.4 | 902.5 | 903.9 | 906.1 |
| 5° | 883.5 | 888.5 | 892.1 | 897.1 | 898.9 | 903.9 | 909.3 | 911.1 | 915.2 | 918.4 | 921.1 |
| 7.5° | 887.1 | 892.6 | 897.1 | 903.0 | 907.1 | 911.1 | 915.2 | 920.2 | 923.8 | 926.1 | 927.9 |
| 10° | 888.5 | 894.4 | 899.8 | 904.8 | 909.3 | 912.5 | 917.0 | 921.1 | 924.7 | 926.1 | 926.5 |
| 12.5° | 889.0 | 893.0 | 898.5 | 903.9 | 908.0 | 912.0 | 915.2 | 919.7 | 922.4 | 922.9 | 922.0 |
| 15° | 892.6 | 893.0 | 896.6 | 903.0 | 907.1 | 911.1 | 913.4 | 915.6 | 917.5 | 916.1 | 914.7 |
| 17.5° | 903.4 | 900.3 | 900.3 | 903.4 | 905.7 | 907.5 | 908.0 | 907.5 | 905.7 | 903.0 | 900.7 |
| 20° | 921.1 | 914.7 | 909.8 | 908.0 | 904.3 | 899.8 | 893.9 | 888.5 | 881.7 | 878.6 | 878.1 |
| 22.5° | 948.7 | 939.2 | 930.1 | 921.1 | 909.3 | 896.2 | 882.6 | 870.9 | 861.4 | 856.4 | 856.8 |
| 25° | 995.7 | 981.7 | 971.3 | 955.5 | 936.5 | 917.9 | 900.3 | 884.4 | 873.1 | 864.1 | 865.9 |
| 27.5° | 1059.1 | 1043.2 | 1034.2 | 1016.1 | 994.4 | 970.8 | 950.0 | 928.3 | 912.0 | 900.7 | 903.0 |
| 30° | 1133.3 | 1128.7 | 1113.8 | 1095.7 | 1075.3 | 1048.7 | 1017.4 | 984.9 | 955.5 | 936.9 | 933.3 |
| 32.5° | 1222.8 | 1217.9 | 1201.6 | 1186.2 | 1159.9 | 1130.5 | 1089.8 | 1038.2 | 992.1 | 956.8 | 941.4 |
| 35° | 1333.2 | 1321.0 | 1301.1 | 1286.2 | 1256.8 | 1218.8 | 1166.3 | 1096.6 | 1026.5 | 973.6 | 935.1 |
| 37.5° | 1470.7 | 1440.4 | 1407.4 | 1368.5 | 1325.1 | 1278.9 | 1218.3 | 1136.9 | 1050.0 | 974.9 | 906.6 |
| 40° | 1601.9 | 1553.1 | 1498.3 | 1436.8 | 1383.9 | 1328.2 | 1265.4 | 1172.2 | 1065.8 | 965.4 | 863.6 |
| 42.5° | 1748.1 | 1672.1 | 1597.9 | 1513.3 | 1443.6 | 1377.5 | 1305.6 | 1197.0 | 1069.0 | 939.6 | 808.0 |
| 45° | 1888.8 | 1791.0 | 1691.5 | 1587.0 | 1498.3 | 1425.0 | 1343.2 | 1218.3 | 1068.1 | 912.5 | 752.8 |
| 47.5° | 2014.1 | 1897.3 | 1774.3 | 1656.7 | 1553.5 | 1473.0 | 1383.4 | 1247.3 | 1080.3 | 904.8 | 716.1 |
| 50° | 2131.2 | 1996.4 | 1852.1 | 1721.4 | 1609.2 | 1526.8 | 1434.5 | 1292.9 | 1117.9 | 922.4 | 710.7 |
| 52.5° | 2252.0 | 2105.5 | 1940.3 | 1799.6 | 1682.5 | 1587.0 | 1493.8 | 1351.3 | 1170.3 | 958.6 | 722.9 |
| 55° | 2409.5 | 2241.2 | 2065.2 | 1909.1 | 1774.7 | 1672.1 | 1564.4 | 1421.9 | 1226.9 | 1000.7 | 746.0 |
| 57.5° | 2643.8 | 2447.0 | 2247.1 | 2079.2 | 1924.0 | 1796.0 | 1677.9 | 1514.6 | 1320.5 | 1064.0 | 796.7 |
| 60° | 3064.5 | 2846.5 | 2614.8 | 2395.4 | 2216.7 | 2067.0 | 1916.8 | 1714.1 | 1493.4 | 1207.9 | 912.9 |
| 62.5° | 3751.7 | 3450.0 | 3129.7 | 2841.0 | 2595.4 | 2392.7 | 2181.0 | 1937.6 | 1680.2 | 1382.5 | 1088.9 |
| 65° | 4164.8 | 3748.6 | 3340.9 | 3006.2 | 2715.7 | 2456.1 | 2200.0 | 1938.5 | 1689.2 | 1429.1 | 1168.1 |
| 67° | 4215.9 | 3759.4 | 3308.4 | 2951.9 | 2640.6 | 2357.9 | 2080.1 | 1812.8 | 1589.7 | 1371.7 | 1146.4 |
| 67.5° | 4200.5 | 3737.7 | 3277.6 | 2917.5 | 2603.1 | 2329.4 | 2056.1 | 1782.4 | 1565.3 | 1347.2 | 1130.1 |
| 70° | 3897.4 | 3444.5 | 2989.4 | 2639.3 | 2338.0 | 2057.9 | 1799.6 | 1525.5 | 1357.6 | 1201.6 | 1013.8 |
| 72.5° | 3234.6 | 2881.3 | 2499.9 | 2208.1 | 1948.0 | 1705.5 | 1478.4 | 1249.1 | 1114.3 | 1003.9 | 871.8 |
| 75° | 2398.6 | 2074.7 | 1752.1 | 1576.6 | 1374.8 | 1180.8 | 1005.2 | 835.6 | 783.6 | 757.3 | 679.5 |
| 77.5° | 1481.1 | 1190.3 | 947.3 | 788.5 | 627.0 | 491.3 | 390.9 | 318.0 | 331.6 | 385.9 | 410.8 |
| 80° | 737.4 | 544.7 | 421.6 | 335.2 | 271.0 | 219.0 | 160.6 | 117.6 | 140.7 | 166.9 | 189.1 |
| 82.5° | 443.8 | 350.6 | 277.3 | 234.8 | 190.9 | 147.5 | 104.5 | 79.6 | 88.2 | 118.5 | 130.3 |
| 85° | 275.5 | 220.8 | 176.4 | 147.5 | 122.1 | 90.5 | 59.3 | 58.8 | 62.4 | 78.7 | 90.0 |
| 87.5° | 81.0 | 54.7 | 43.4 | 45.2 | 50.2 | 41.6 | 31.2 | 26.7 | 33.0 | 45.2 | 50.7 |
| 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: P146964

CATALOG NUMBER: LDRV-T4-F03-E-7030

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 894.8 | 894.8 | 894.8 | 894.8 | 894.8 | 894.8 | 894.8 | 894.8 | 894.8 | 894.8 | 894.8 |
| 2.5° | 906.6 | 909.8 | 911.1 | 911.6 | 912.0 | 914.7 | 914.7 | 917.5 | 918.4 | 918.4 | 919.3 |
| 5° | 923.8 | 927.0 | 928.3 | 928.8 | 929.7 | 931.0 | 930.6 | 932.4 | 933.3 | 932.8 | 932.8 |
| 7.5° | 930.1 | 931.0 | 931.0 | 932.4 | 933.7 | 932.4 | 931.5 | 932.4 | 931.9 | 932.4 | 932.4 |
| 10° | 927.9 | 927.0 | 927.0 | 926.1 | 927.4 | 924.7 | 924.7 | 925.6 | 925.1 | 926.1 | 927.4 |
| 12.5° | 922.4 | 922.0 | 920.6 | 920.2 | 922.0 | 920.2 | 920.6 | 922.0 | 922.9 | 924.7 | 927.0 |
| 15° | 914.7 | 913.4 | 913.4 | 915.2 | 919.7 | 921.1 | 922.9 | 925.1 | 925.6 | 926.5 | 927.4 |
| 17.5° | 901.6 | 903.9 | 909.3 | 915.6 | 924.2 | 927.4 | 928.3 | 927.0 | 922.4 | 918.8 | 915.2 |
| 20° | 883.5 | 893.5 | 907.5 | 921.1 | 931.5 | 931.0 | 925.1 | 916.6 | 905.7 | 898.0 | 893.0 |
| 22.5° | 868.1 | 887.6 | 909.3 | 925.6 | 932.4 | 923.8 | 910.2 | 897.1 | 884.4 | 873.1 | 863.2 |
| 25° | 879.0 | 897.6 | 916.1 | 926.1 | 925.6 | 910.7 | 892.6 | 878.1 | 860.9 | 845.1 | 828.3 |
| 27.5° | 914.3 | 925.6 | 931.0 | 927.9 | 918.4 | 898.5 | 878.6 | 858.2 | 836.0 | 817.0 | 797.6 |
| 30° | 938.3 | 938.3 | 932.8 | 920.2 | 903.4 | 881.3 | 856.8 | 830.6 | 804.4 | 782.2 | 760.0 |
| 32.5° | 930.6 | 912.9 | 897.1 | 879.9 | 860.9 | 836.9 | 808.9 | 780.4 | 750.5 | 724.7 | 705.7 |
| 35° | 897.1 | 859.1 | 826.1 | 801.6 | 781.7 | 753.2 | 720.7 | 688.1 | 663.7 | 646.0 | 635.2 |
| 37.5° | 837.4 | 776.8 | 728.8 | 699.0 | 668.2 | 638.8 | 601.2 | 586.3 | 564.6 | 553.7 | 549.7 |
| 40° | 765.0 | 676.3 | 616.2 | 577.7 | 545.1 | 508.5 | 483.2 | 473.7 | 465.5 | 463.3 | 461.4 |
| 42.5° | 681.8 | 570.9 | 499.4 | 459.6 | 420.3 | 393.6 | 382.3 | 376.4 | 375.0 | 375.0 | 377.3 |
| 45° | 595.4 | 463.7 | 381.4 | 349.2 | 316.7 | 302.7 | 299.9 | 297.2 | 297.7 | 296.3 | 297.2 |
| 47.5° | 528.4 | 372.3 | 287.7 | 258.3 | 241.6 | 237.1 | 233.9 | 233.0 | 233.0 | 230.7 | 228.0 |
| 50° | 493.6 | 311.2 | 225.7 | 202.7 | 193.2 | 190.0 | 190.0 | 188.2 | 184.6 | 182.3 | 176.4 |
| 52.5° | 484.5 | 279.6 | 195.4 | 175.5 | 167.4 | 164.7 | 162.0 | 159.2 | 153.8 | 148.8 | 142.1 |
| 55° | 491.8 | 269.6 | 185.9 | 167.4 | 158.3 | 155.2 | 152.9 | 148.4 | 140.7 | 133.5 | 125.8 |
| 57.5° | 522.1 | 276.0 | 189.6 | 169.6 | 161.5 | 159.2 | 157.0 | 150.2 | 140.7 | 130.3 | 121.7 |
| 60° | 604.9 | 305.8 | 204.9 | 181.9 | 175.1 | 175.5 | 172.4 | 163.8 | 150.2 | 135.3 | 122.6 |
| 62.5° | 711.6 | 347.4 | 224.8 | 199.1 | 198.1 | 202.7 | 202.7 | 187.7 | 165.6 | 143.0 | 125.8 |
| 65° | 772.7 | 360.6 | 227.6 | 201.3 | 209.0 | 222.1 | 221.2 | 201.3 | 171.0 | 143.0 | 124.4 |
| 67° | 757.3 | 346.5 | 216.2 | 188.2 | 197.2 | 212.2 | 210.4 | 191.4 | 162.9 | 137.1 | 120.8 |
| 67.5° | 745.1 | 342.0 | 213.5 | 185.0 | 194.1 | 206.3 | 206.3 | 187.3 | 159.2 | 135.3 | 119.4 |
| 70° | 656.0 | 302.2 | 200.0 | 172.8 | 172.8 | 176.0 | 173.7 | 160.1 | 141.1 | 124.4 | 114.0 |
| 72.5° | 546.9 | 264.2 | 189.1 | 164.2 | 155.6 | 153.8 | 150.6 | 141.1 | 128.9 | 117.2 | 108.1 |
| 75° | 423.9 | 233.9 | 180.5 | 155.2 | 143.9 | 139.8 | 136.6 | 129.4 | 119.9 | 109.9 | 102.2 |
| 77.5° | 296.8 | 200.4 | 169.2 | 147.5 | 135.3 | 132.1 | 127.1 | 119.0 | 111.3 | 102.7 | 95.5 |
| 80° | 184.1 | 165.6 | 147.5 | 133.0 | 120.3 | 115.8 | 109.5 | 102.2 | 95.9 | 90.9 | 85.5 |
| 82.5° | 131.2 | 121.7 | 109.9 | 102.2 | 89.1 | 75.6 | 81.0 | 81.4 | 77.4 | 74.2 | 72.8 |
| 85° | 87.8 | 79.2 | 73.3 | 66.5 | 58.8 | 52.9 | 54.3 | 58.4 | 58.8 | 57.5 | 57.5 |
| 87.5° | 48.0 | 40.7 | 39.4 | 40.7 | 35.3 | 33.5 | 33.9 | 37.5 | 38.0 | 38.0 | 38.5 |
| 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: P146964

CATALOG NUMBER: LDRV-T4-F03-E-7030

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° |
|-------|-------|-------|-------|-------|
| 0° | 894.8 | 894.8 | 894.8 | 894.8 |
| 2.5° | 919.7 | 921.1 | 920.6 | 921.5 |
| 5° | 933.7 | 934.7 | 934.2 | 934.7 |
| 7.5° | 931.5 | 933.3 | 934.2 | 932.8 |
| 10° | 927.9 | 930.6 | 932.4 | 932.4 |
| 12.5° | 928.8 | 933.3 | 936.0 | 936.0 |
| 15° | 927.9 | 931.5 | 932.4 | 932.4 |
| 17.5° | 913.8 | 913.8 | 914.3 | 912.5 |
| 20° | 889.4 | 886.7 | 885.8 | 882.6 |
| 22.5° | 854.6 | 848.2 | 844.2 | 841.9 |
| 25° | 814.8 | 804.8 | 798.5 | 794.9 |
| 27.5° | 781.7 | 773.1 | 766.8 | 763.2 |
| 30° | 745.1 | 735.1 | 731.5 | 728.8 |
| 32.5° | 692.2 | 682.7 | 680.0 | 677.7 |
| 35° | 623.4 | 620.2 | 613.0 | 608.0 |
| 37.5° | 543.8 | 539.7 | 537.0 | 535.2 |
| 40° | 460.5 | 461.0 | 458.7 | 454.7 |
| 42.5° | 377.3 | 381.8 | 377.3 | 376.4 |
| 45° | 296.3 | 301.3 | 301.3 | 302.7 |
| 47.5° | 228.5 | 227.6 | 229.4 | 229.8 |
| 50° | 172.8 | 170.1 | 169.2 | 167.8 |
| 52.5° | 137.1 | 133.9 | 132.1 | 129.8 |
| 55° | 120.8 | 117.2 | 115.4 | 114.9 |
| 57.5° | 115.4 | 110.8 | 108.1 | 107.7 |
| 60° | 114.0 | 107.7 | 104.1 | 103.1 |
| 62.5° | 114.0 | 106.3 | 102.2 | 100.9 |
| 65° | 112.6 | 105.0 | 101.3 | 100.0 |
| 67° | 110.8 | 104.1 | 100.4 | 99.5 |
| 67.5° | 109.9 | 103.6 | 100.4 | 99.1 |
| 70° | 107.7 | 102.2 | 98.6 | 97.3 |
| 72.5° | 102.7 | 98.2 | 94.6 | 93.6 |
| 75° | 97.3 | 93.2 | 90.9 | 90.0 |
| 77.5° | 90.9 | 87.3 | 84.6 | 82.3 |
| 80° | 81.4 | 77.4 | 73.3 | 72.4 |
| 82.5° | 69.2 | 64.7 | 61.5 | 61.1 |
| 85° | 55.6 | 52.0 | 48.4 | 48.4 |
| 87.5° | 38.9 | 36.6 | 34.4 | 32.1 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)