

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: P145765

Luminaire Tested: **LDRL-SLL-F05-E**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P145765
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33704)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: LDRL-SLL-F05-E
Description: RL LED ROADWAY LARGE CUTOFF COBRAHEAD LUMINAIRE
(5) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR LEFT
Light Source: (35) 4000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11117.5 lumens
Efficiency: N/A
Efficacy: 83.4 lumens/watt
Luminous Opening: Rectangular (W 0.83' x L: 1' x H: 0')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B2 - U0 - G3

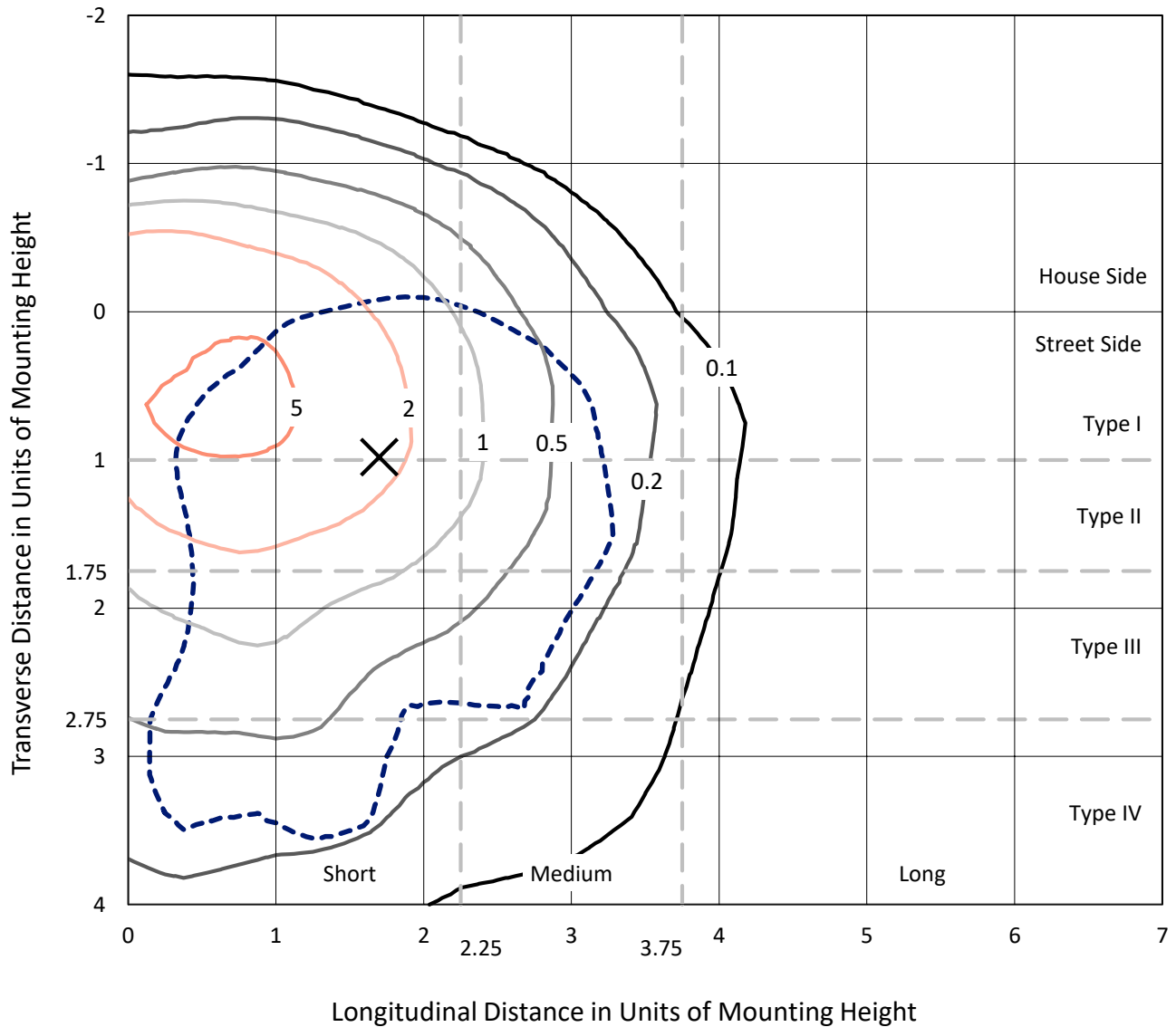
Input Watts (W): 133.3
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P145765
 CATALOG NUMBER: LDRL-SLL-F05-E

Iso-Footcandle Lines of Horizontal Illumination

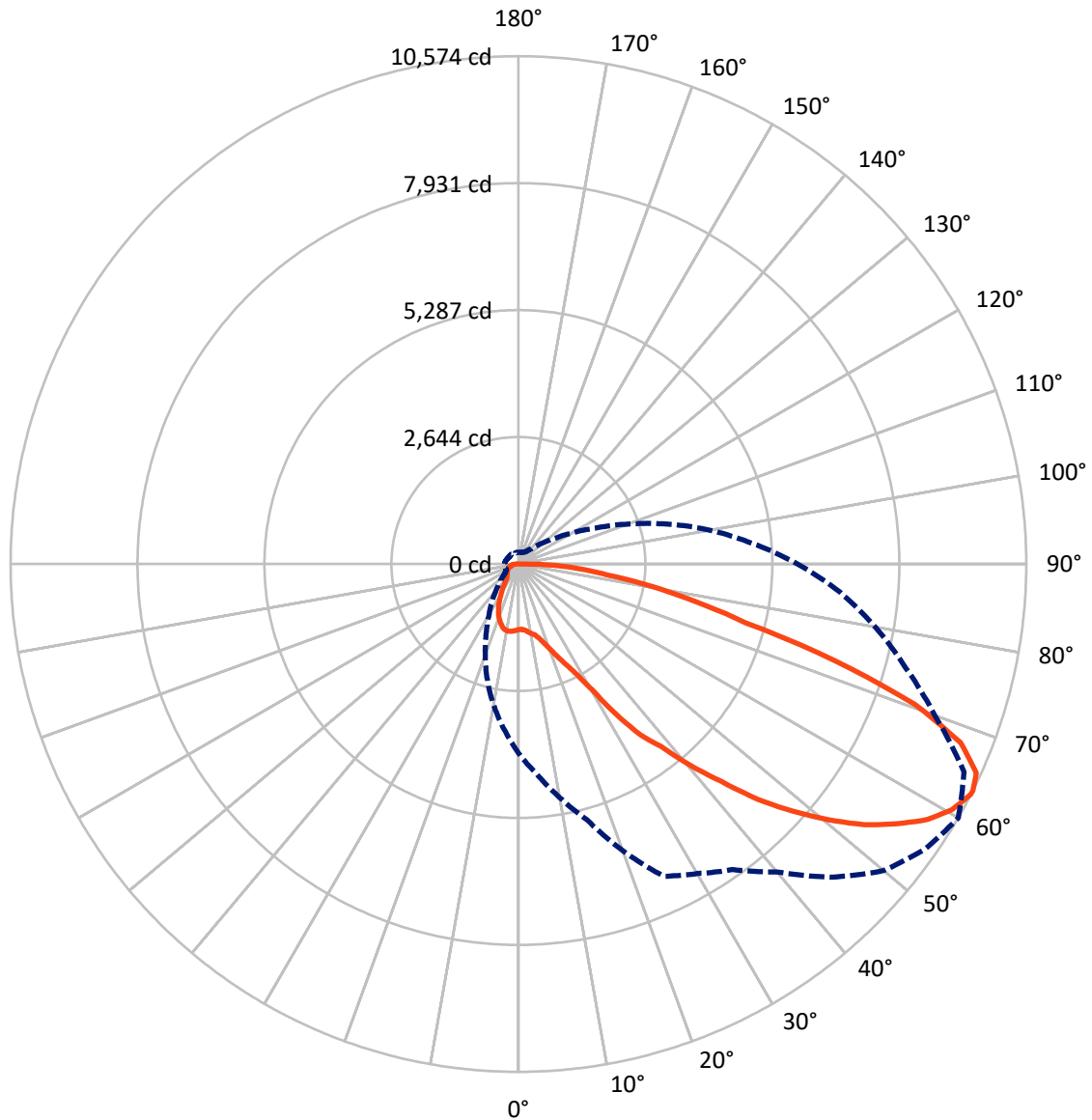
✕ Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 6.9 fc
 Type IV - Short - Non-Cutoff

REPORT NUMBER: P145765
CATALOG NUMBER: LDRL-SLL-F05-E

Luminous Intensity Polar Plot



— Vertical Plane Through 60-Deg Lateral - - - Horizontal Cone Through 63-Deg Vertical

REPORT NUMBER: P145765

CATALOG NUMBER: LDRL-SLL-F05-E

FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 2327.2 | 0.0 | 2327.2 |
| | % Fixture | 20.9 | 0.0 | 20.9 |
| Street Side | Lumens | 8790.3 | 0.0 | 8790.3 |
| | % Fixture | 79.1 | 0.0 | 79.1 |
| Total | Lumens | 11117.5 | 0.0 | 11117.5 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 134.1 | 1.2 |
| 10°-20° | 418.5 | 3.8 |
| 20°-30° | 740.1 | 6.7 |
| 30°-40° | 1168.5 | 10.5 |
| 40°-50° | 1718.3 | 15.5 |
| 50°-60° | 2263.4 | 20.4 |
| 60°-70° | 2522.8 | 22.7 |
| 70°-80° | 1657.5 | 14.9 |
| 80°-90° | 494.3 | 4.4 |
| 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° | 11117.5 | 100.0 |
| 0°-180° | 11117.5 | 100.0 |

Coefficient of Utilization



REPORT NUMBER: P145765

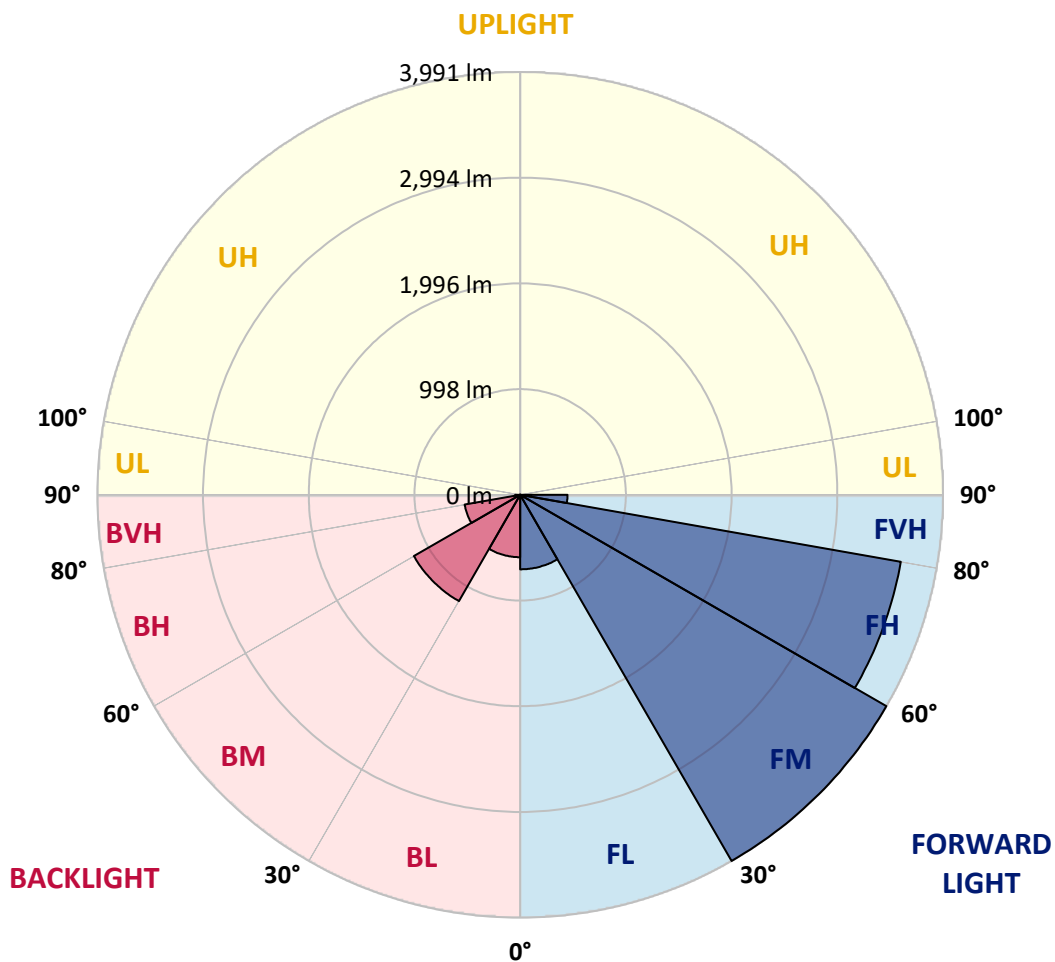
CATALOG NUMBER: LDRL-SLL-F05-E

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 703.7 | 6.3 | | | |
| FM | (30°-60°) | 3991.5 | 35.9 | | | |
| FH | (60°-80°) | 3648.4 | 32.8 | | | G2/5000 |
| FVH | (80°-90°) | 446.7 | 4.0 | | | G3/500 |
| BL | (0°-30°) | 589.1 | 5.3 | B2/1000 | | |
| BM | (30°-60°) | 1158.7 | 10.4 | B2/2500 | | |
| BH | (60°-80°) | 531.9 | 4.8 | B2/1000 | | G2/1000 |
| BVH | (80°-90°) | 47.6 | 0.4 | | | G1/100 |
| UL | (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH | (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B2-U0-G3

Type IV Short





REPORT NUMBER: P145765

CATALOG NUMBER: LDRL-SLL-F05-E

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| 0° | 1365.4 | 1365.4 | 1365.4 | 1365.4 | 1365.4 | 1365.4 | 1365.4 | 1365.4 | 1365.4 | 1365.4 | 1365.4 |
| 2.5° | 1363.8 | 1364.6 | 1362.1 | 1361.3 | 1359.6 | 1360.5 | 1360.5 | 1358.8 | 1358.8 | 1359.6 | 1357.2 |
| 5° | 1357.2 | 1358.8 | 1358.0 | 1359.6 | 1361.3 | 1363.8 | 1366.2 | 1368.7 | 1371.2 | 1374.5 | 1375.3 |
| 7.5° | 1349.7 | 1354.7 | 1355.5 | 1360.5 | 1366.2 | 1372.8 | 1381.1 | 1390.2 | 1402.6 | 1405.9 | 1413.3 |
| 10° | 1353.9 | 1362.9 | 1367.9 | 1377.8 | 1386.9 | 1399.3 | 1414.1 | 1423.2 | 1438.9 | 1444.7 | 1455.4 |
| 12.5° | 1386.1 | 1392.7 | 1399.3 | 1410.8 | 1424.0 | 1439.7 | 1456.2 | 1470.3 | 1486.8 | 1492.5 | 1496.7 |
| 15° | 1447.1 | 1453.7 | 1461.2 | 1472.7 | 1486.8 | 1505.8 | 1529.7 | 1547.0 | 1566.8 | 1581.7 | 1592.4 |
| 17.5° | 1532.2 | 1532.2 | 1549.5 | 1552.8 | 1580.1 | 1608.9 | 1638.7 | 1672.5 | 1693.2 | 1705.5 | 1725.3 |
| 20° | 1654.4 | 1654.4 | 1677.5 | 1688.2 | 1711.3 | 1748.5 | 1788.9 | 1826.1 | 1855.8 | 1880.5 | 1898.7 |
| 22.5° | 1865.7 | 1856.6 | 1876.4 | 1873.9 | 1902.0 | 1957.3 | 1996.9 | 2017.6 | 2057.2 | 2072.1 | 2096.0 |
| 25° | 2110.9 | 2143.1 | 2164.5 | 2164.5 | 2176.1 | 2233.0 | 2266.1 | 2281.8 | 2318.1 | 2307.3 | 2332.1 |
| 27.5° | 2411.4 | 2498.0 | 2578.1 | 2611.1 | 2595.5 | 2658.2 | 2669.7 | 2684.6 | 2680.5 | 2654.9 | 2647.5 |
| 30° | 2706.9 | 2859.6 | 2984.3 | 3060.2 | 3147.7 | 3269.1 | 3269.1 | 3288.9 | 3246.0 | 3175.0 | 3132.9 |
| 32.5° | 2911.6 | 3108.1 | 3298.8 | 3456.5 | 3605.1 | 3790.8 | 3869.2 | 3978.2 | 3996.4 | 4023.6 | 3929.5 |
| 35° | 3080.0 | 3355.8 | 3560.5 | 3797.4 | 3979.0 | 4167.2 | 4376.1 | 4565.2 | 4690.6 | 4670.0 | 4632.8 |
| 37.5° | 3195.6 | 3549.8 | 3835.4 | 4113.6 | 4390.1 | 4605.6 | 4803.7 | 5050.6 | 5290.8 | 5338.7 | 5238.0 |
| 40° | 3276.5 | 3686.8 | 4079.7 | 4421.5 | 4769.1 | 5092.7 | 5333.7 | 5598.7 | 5975.1 | 6134.5 | 6051.9 |
| 42.5° | 3315.3 | 3794.1 | 4232.5 | 4667.5 | 5107.5 | 5516.2 | 5818.3 | 6181.5 | 6628.1 | 6900.6 | 6809.8 |
| 45° | 3331.8 | 3860.2 | 4356.3 | 4851.6 | 5379.9 | 5884.3 | 6274.0 | 6685.9 | 7188.7 | 7626.2 | 7642.7 |
| 47.5° | 3327.7 | 3895.7 | 4441.3 | 4982.9 | 5593.8 | 6180.7 | 6703.3 | 7170.5 | 7740.1 | 8199.9 | 8370.8 |
| 50° | 3316.1 | 3908.0 | 4492.5 | 5062.1 | 5728.3 | 6397.8 | 6986.4 | 7542.0 | 8178.5 | 8760.5 | 9020.5 |
| 52.5° | 3315.3 | 3910.5 | 4518.1 | 5105.9 | 5807.6 | 6530.7 | 7163.9 | 7820.2 | 8517.8 | 9126.2 | 9531.5 |
| 55° | 3335.1 | 3925.4 | 4546.2 | 5136.4 | 5850.5 | 6605.9 | 7263.8 | 7994.4 | 8665.5 | 9356.5 | 9879.9 |
| 57.5° | 3415.2 | 3994.7 | 4613.0 | 5188.4 | 5898.4 | 6665.3 | 7341.4 | 8044.7 | 8709.3 | 9452.3 | 10082.1 |
| 60° | 3591.0 | 4124.3 | 4729.4 | 5284.2 | 6023.0 | 6821.3 | 7414.9 | 7973.7 | 8626.7 | 9425.0 | 10111.0 |
| 62.5° | 3865.1 | 4332.4 | 4892.1 | 5460.8 | 6276.5 | 7117.7 | 7445.4 | 7811.1 | 8422.8 | 9268.2 | 9986.4 |
| 63° | 3935.3 | 4387.7 | 4935.0 | 5509.6 | 6349.9 | 7173.8 | 7442.9 | 7768.2 | 8366.7 | 9221.9 | 9930.2 |
| 65° | 4228.3 | 4643.6 | 5134.8 | 5742.4 | 6684.3 | 7352.1 | 7353.0 | 7515.6 | 8080.2 | 8966.9 | 9699.9 |
| 67.5° | 4669.2 | 5065.4 | 5445.2 | 6049.4 | 7054.1 | 7441.3 | 7086.3 | 6963.3 | 7462.7 | 8427.0 | 9115.4 |
| 70° | 4963.1 | 5452.6 | 5665.6 | 6130.3 | 7104.5 | 7333.1 | 6664.5 | 6254.2 | 6668.6 | 7474.3 | 8086.0 |
| 72.5° | 4970.5 | 5528.5 | 5590.5 | 5785.3 | 6633.1 | 6816.4 | 5938.0 | 5382.4 | 5631.7 | 6307.8 | 6629.8 |
| 75° | 4439.7 | 5141.4 | 5014.2 | 4942.4 | 5401.4 | 5479.8 | 4802.9 | 4571.8 | 4891.2 | 5290.8 | 5129.8 |
| 77.5° | 3300.4 | 4233.3 | 3974.9 | 3669.5 | 3836.2 | 3847.8 | 3869.2 | 4305.1 | 4697.2 | 4860.7 | 4626.2 |
| 80° | 2048.1 | 3109.8 | 2911.6 | 2408.1 | 2472.4 | 2662.3 | 3231.9 | 4002.1 | 4431.4 | 4548.6 | 4079.7 |
| 82.5° | 1235.0 | 2287.5 | 2181.9 | 1837.6 | 1918.5 | 2391.5 | 3021.4 | 3234.4 | 3378.9 | 3368.1 | 2883.6 |
| 85° | 904.8 | 1553.6 | 1697.3 | 1722.9 | 2010.2 | 2322.2 | 2309.0 | 2151.3 | 2063.0 | 1815.3 | 1549.5 |
| 87.5° | 284.8 | 801.6 | 951.0 | 1108.7 | 1214.3 | 1149.1 | 1130.1 | 976.6 | 699.2 | 591.1 | 649.7 |
| 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: P145765

CATALOG NUMBER: LDRL-SLL-F05-E

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1365.4 | 1365.4 | 1365.4 | 1365.4 | 1365.4 | 1365.4 | 1365.4 | 1365.4 | 1365.4 | 1365.4 | 1365.4 |
| 2.5° | 1357.2 | 1360.5 | 1362.1 | 1361.3 | 1362.1 | 1362.1 | 1367.1 | 1365.4 | 1367.1 | 1366.2 | 1371.2 |
| 5° | 1377.8 | 1382.8 | 1386.9 | 1386.9 | 1387.7 | 1389.4 | 1396.0 | 1396.0 | 1399.3 | 1405.9 | 1409.2 |
| 7.5° | 1418.3 | 1424.9 | 1425.7 | 1427.3 | 1432.3 | 1429.8 | 1433.9 | 1435.6 | 1438.1 | 1441.4 | 1445.5 |
| 10° | 1460.4 | 1469.4 | 1469.4 | 1468.6 | 1469.4 | 1462.8 | 1465.3 | 1460.4 | 1461.2 | 1466.1 | 1471.1 |
| 12.5° | 1507.4 | 1512.4 | 1509.1 | 1506.6 | 1506.6 | 1494.2 | 1492.5 | 1485.9 | 1482.6 | 1483.5 | 1485.1 |
| 15° | 1601.5 | 1597.4 | 1596.6 | 1592.4 | 1577.6 | 1568.5 | 1561.9 | 1541.3 | 1530.5 | 1524.7 | 1514.8 |
| 17.5° | 1727.0 | 1729.5 | 1725.3 | 1721.2 | 1699.8 | 1669.2 | 1656.0 | 1633.7 | 1618.9 | 1604.0 | 1585.8 |
| 20° | 1910.3 | 1893.8 | 1892.1 | 1878.9 | 1849.2 | 1806.2 | 1774.1 | 1737.7 | 1717.1 | 1695.6 | 1676.6 |
| 22.5° | 2112.5 | 2095.2 | 2083.6 | 2058.0 | 2014.3 | 1959.8 | 1906.1 | 1859.9 | 1828.5 | 1812.9 | 1799.6 |
| 25° | 2337.1 | 2327.2 | 2308.2 | 2243.0 | 2208.3 | 2145.5 | 2086.9 | 2041.5 | 2006.0 | 1992.8 | 1969.7 |
| 27.5° | 2606.2 | 2613.6 | 2578.1 | 2517.0 | 2473.3 | 2384.9 | 2334.6 | 2256.2 | 2226.4 | 2178.6 | 2148.8 |
| 30° | 3096.5 | 3048.7 | 2988.4 | 2895.1 | 2806.8 | 2687.9 | 2604.5 | 2522.8 | 2479.1 | 2414.7 | 2335.4 |
| 32.5° | 3898.1 | 3715.7 | 3553.9 | 3355.8 | 3168.4 | 3016.5 | 2895.9 | 2792.8 | 2725.9 | 2619.4 | 2484.8 |
| 35° | 4544.5 | 4368.7 | 4101.2 | 3813.1 | 3567.1 | 3372.3 | 3220.4 | 3123.0 | 2989.2 | 2819.2 | 2624.3 |
| 37.5° | 5018.4 | 4816.1 | 4566.0 | 4345.6 | 4077.3 | 3860.2 | 3654.6 | 3452.3 | 3264.1 | 3006.6 | 2758.1 |
| 40° | 5787.8 | 5513.7 | 5101.7 | 4841.7 | 4622.1 | 4328.2 | 4135.9 | 3863.5 | 3577.0 | 3245.1 | 2885.2 |
| 42.5° | 6548.9 | 6185.7 | 5812.5 | 5513.7 | 5201.6 | 4883.0 | 4618.8 | 4253.1 | 3872.5 | 3442.4 | 2999.1 |
| 45° | 7433.0 | 6988.1 | 6500.2 | 6082.5 | 5762.2 | 5387.4 | 5048.9 | 4599.8 | 4114.4 | 3604.2 | 3098.2 |
| 47.5° | 8129.8 | 7688.9 | 7138.3 | 6717.3 | 6285.5 | 5862.9 | 5423.7 | 4869.8 | 4294.4 | 3736.3 | 3190.7 |
| 50° | 8797.6 | 8372.5 | 7787.2 | 7270.4 | 6774.3 | 6264.1 | 5733.3 | 5061.3 | 4435.5 | 3839.5 | 3264.1 |
| 52.5° | 9397.0 | 9018.9 | 8386.5 | 7769.0 | 7214.3 | 6626.5 | 5968.5 | 5240.4 | 4570.9 | 3946.0 | 3321.9 |
| 55° | 9904.6 | 9550.5 | 8983.4 | 8214.8 | 7584.9 | 6934.4 | 6190.6 | 5403.9 | 4713.7 | 4057.5 | 3364.0 |
| 57.5° | 10245.6 | 10040.9 | 9434.9 | 8606.9 | 7889.5 | 7196.9 | 6358.2 | 5568.2 | 4847.5 | 4126.8 | 3382.2 |
| 60° | 10404.1 | 10376.8 | 9864.2 | 8961.1 | 8160.3 | 7401.7 | 6569.5 | 5742.4 | 4935.8 | 4158.2 | 3356.6 |
| 62.5° | 10371.1 | 10565.9 | 10191.1 | 9203.8 | 8332.8 | 7529.6 | 6704.9 | 5817.5 | 4913.5 | 4082.2 | 3243.5 |
| 63° | 10340.5 | 10574.1 | 10237.3 | 9227.7 | 8346.9 | 7542.0 | 6718.1 | 5808.4 | 4892.9 | 4048.4 | 3204.7 |
| 65° | 10116.8 | 10476.7 | 10248.9 | 9184.8 | 8282.5 | 7506.5 | 6658.7 | 5665.6 | 4687.3 | 3835.4 | 2985.1 |
| 67.5° | 9568.7 | 9929.4 | 9803.1 | 8711.8 | 7865.6 | 7125.1 | 6243.4 | 5179.3 | 4183.8 | 3383.0 | 2578.1 |
| 70° | 8436.9 | 8759.6 | 8608.6 | 7648.5 | 6862.6 | 6337.6 | 5499.6 | 4307.6 | 3408.6 | 2719.3 | 1962.3 |
| 72.5° | 6673.5 | 6900.6 | 6933.6 | 6170.8 | 5569.0 | 5253.6 | 4430.6 | 3249.3 | 2489.8 | 1893.8 | 1273.8 |
| 75° | 4941.6 | 4888.8 | 4899.5 | 4473.5 | 4228.3 | 4095.4 | 3312.0 | 2228.9 | 1677.5 | 1157.4 | 755.4 |
| 77.5° | 4153.2 | 3773.5 | 3449.9 | 3331.8 | 3046.2 | 2963.6 | 2184.3 | 1367.9 | 979.1 | 692.6 | 430.1 |
| 80° | 3377.2 | 2801.8 | 2331.3 | 2122.4 | 2011.0 | 2027.5 | 1208.6 | 728.9 | 512.7 | 377.3 | 269.1 |
| 82.5° | 2309.0 | 1871.5 | 1476.0 | 1282.0 | 1262.2 | 1281.2 | 628.2 | 357.5 | 270.8 | 217.1 | 169.2 |
| 85° | 1365.4 | 1285.3 | 1147.5 | 1018.7 | 974.1 | 919.6 | 467.2 | 255.9 | 139.5 | 115.6 | 94.9 |
| 87.5° | 590.3 | 724.8 | 742.1 | 738.8 | 687.7 | 552.3 | 171.7 | 66.0 | 58.6 | 29.7 | 23.9 |
| 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: P145765

CATALOG NUMBER: LDRL-SLL-F05-E

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1365.4 | 1365.4 | 1365.4 | 1365.4 | 1365.4 | 1365.4 | 1365.4 | 1365.4 | 1365.4 | 1365.4 | 1365.4 |
| 2.5° | 1371.2 | 1372.0 | 1370.4 | 1372.0 | 1377.8 | 1377.8 | 1377.0 | 1378.6 | 1379.5 | 1384.4 | 1382.8 |
| 5° | 1412.5 | 1413.3 | 1414.1 | 1419.9 | 1424.0 | 1429.0 | 1427.3 | 1429.0 | 1432.3 | 1433.1 | 1434.8 |
| 7.5° | 1450.4 | 1455.4 | 1462.0 | 1464.5 | 1471.9 | 1473.6 | 1481.0 | 1481.8 | 1483.5 | 1480.2 | 1476.9 |
| 10° | 1476.9 | 1481.8 | 1490.1 | 1494.2 | 1507.4 | 1509.1 | 1514.8 | 1516.5 | 1519.8 | 1517.3 | 1514.8 |
| 12.5° | 1490.1 | 1494.2 | 1503.3 | 1511.5 | 1529.7 | 1535.5 | 1545.4 | 1551.2 | 1555.3 | 1552.8 | 1544.6 |
| 15° | 1517.3 | 1516.5 | 1521.4 | 1528.0 | 1544.6 | 1555.3 | 1569.3 | 1576.8 | 1581.7 | 1577.6 | 1566.8 |
| 17.5° | 1580.1 | 1568.5 | 1568.5 | 1564.4 | 1576.8 | 1579.2 | 1585.0 | 1589.1 | 1587.5 | 1575.1 | 1557.8 |
| 20° | 1666.7 | 1649.4 | 1638.7 | 1628.8 | 1624.6 | 1604.0 | 1593.3 | 1578.4 | 1565.2 | 1542.9 | 1523.1 |
| 22.5° | 1779.0 | 1766.6 | 1741.9 | 1719.6 | 1688.2 | 1646.1 | 1600.7 | 1561.9 | 1533.0 | 1502.5 | 1468.6 |
| 25° | 1949.1 | 1921.0 | 1885.5 | 1832.7 | 1792.2 | 1717.9 | 1642.0 | 1568.5 | 1506.6 | 1458.7 | 1401.7 |
| 27.5° | 2109.2 | 2049.8 | 1982.9 | 1900.4 | 1826.1 | 1727.0 | 1630.4 | 1545.4 | 1464.5 | 1387.7 | 1322.5 |
| 30° | 2243.0 | 2139.8 | 2030.8 | 1915.2 | 1809.6 | 1689.8 | 1577.6 | 1481.0 | 1389.4 | 1298.6 | 1236.6 |
| 32.5° | 2343.7 | 2195.1 | 2049.8 | 1902.0 | 1771.6 | 1631.2 | 1502.5 | 1399.3 | 1295.2 | 1199.5 | 1127.7 |
| 35° | 2434.5 | 2233.9 | 2044.0 | 1866.5 | 1712.1 | 1556.9 | 1418.3 | 1302.7 | 1188.8 | 1086.4 | 1003.8 |
| 37.5° | 2499.7 | 2247.1 | 2019.2 | 1815.3 | 1636.2 | 1466.1 | 1315.9 | 1192.9 | 1070.7 | 966.7 | 875.9 |
| 40° | 2550.0 | 2240.5 | 1972.2 | 1736.9 | 1532.2 | 1355.5 | 1208.6 | 1079.8 | 957.6 | 853.6 | 758.7 |
| 42.5° | 2583.9 | 2215.7 | 1901.2 | 1647.7 | 1445.5 | 1260.6 | 1116.9 | 981.5 | 859.4 | 750.4 | 645.6 |
| 45° | 2627.6 | 2205.8 | 1857.4 | 1580.9 | 1367.1 | 1180.5 | 1027.0 | 894.9 | 767.7 | 653.8 | 553.9 |
| 47.5° | 2668.9 | 2200.0 | 1821.9 | 1525.6 | 1296.1 | 1107.9 | 956.0 | 817.3 | 689.3 | 577.9 | 487.1 |
| 50° | 2693.7 | 2190.9 | 1784.8 | 1458.7 | 1216.8 | 1033.6 | 888.3 | 747.9 | 619.1 | 512.7 | 431.7 |
| 52.5° | 2701.1 | 2172.8 | 1736.1 | 1382.8 | 1148.3 | 970.0 | 818.9 | 678.6 | 554.8 | 459.0 | 383.9 |
| 55° | 2695.3 | 2137.3 | 1670.0 | 1320.8 | 1078.1 | 899.8 | 748.8 | 612.5 | 500.3 | 410.3 | 350.0 |
| 57.5° | 2667.3 | 2066.3 | 1585.0 | 1242.4 | 998.1 | 811.5 | 662.9 | 538.2 | 438.4 | 366.5 | 320.3 |
| 60° | 2604.5 | 1963.9 | 1481.0 | 1132.6 | 883.3 | 706.6 | 566.3 | 459.0 | 374.8 | 322.8 | 292.2 |
| 62.5° | 2467.5 | 1816.2 | 1329.9 | 977.4 | 729.8 | 567.1 | 445.0 | 365.7 | 308.7 | 281.5 | 263.3 |
| 63° | 2427.0 | 1765.0 | 1285.3 | 936.1 | 703.3 | 535.8 | 417.7 | 345.9 | 294.7 | 272.4 | 257.6 |
| 65° | 2214.1 | 1528.9 | 1086.4 | 752.9 | 544.8 | 406.2 | 318.7 | 271.6 | 244.4 | 236.1 | 232.0 |
| 67.5° | 1814.5 | 1189.6 | 764.4 | 505.2 | 365.7 | 280.7 | 235.3 | 217.1 | 207.2 | 206.4 | 208.9 |
| 70° | 1282.0 | 789.2 | 473.0 | 323.6 | 251.8 | 212.2 | 194.8 | 186.6 | 181.6 | 183.3 | 188.2 |
| 72.5° | 833.8 | 463.1 | 298.8 | 236.9 | 204.7 | 186.6 | 174.2 | 171.7 | 170.1 | 168.4 | 170.1 |
| 75° | 440.8 | 289.8 | 226.2 | 198.1 | 179.1 | 164.3 | 156.0 | 152.7 | 153.5 | 153.5 | 153.5 |
| 77.5° | 273.2 | 220.4 | 193.2 | 175.0 | 160.2 | 145.3 | 137.0 | 134.6 | 135.4 | 137.0 | 137.9 |
| 80° | 209.7 | 192.3 | 170.1 | 156.8 | 135.4 | 123.0 | 118.9 | 118.1 | 119.7 | 119.7 | 122.2 |
| 82.5° | 153.5 | 148.6 | 140.3 | 123.8 | 107.3 | 99.1 | 98.2 | 101.5 | 98.2 | 97.4 | 99.1 |
| 85° | 90.0 | 84.2 | 91.6 | 78.4 | 71.8 | 66.9 | 70.2 | 76.8 | 80.1 | 75.9 | 74.3 |
| 87.5° | 28.9 | 19.8 | 28.9 | 32.2 | 28.9 | 24.8 | 31.4 | 37.1 | 38.0 | 36.3 | 41.3 |
| 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: P145765

CATALOG NUMBER: LDRL-SLL-F05-E

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1365.4 | 1365.4 | 1365.4 | 1365.4 | 1365.4 | 1365.4 | 1365.4 | 1365.4 | 1365.4 | 1365.4 | 1365.4 |
| 2.5° | 1381.9 | 1387.7 | 1381.9 | 1384.4 | 1383.6 | 1381.9 | 1384.4 | 1381.1 | 1379.5 | 1384.4 | 1383.6 |
| 5° | 1433.9 | 1434.8 | 1427.3 | 1428.2 | 1427.3 | 1420.7 | 1420.7 | 1417.4 | 1413.3 | 1414.1 | 1412.5 |
| 7.5° | 1476.0 | 1474.4 | 1468.6 | 1466.1 | 1458.7 | 1453.7 | 1450.4 | 1445.5 | 1442.2 | 1438.9 | 1437.2 |
| 10° | 1508.2 | 1504.1 | 1500.0 | 1492.5 | 1485.1 | 1481.0 | 1471.9 | 1464.5 | 1462.0 | 1457.1 | 1453.7 |
| 12.5° | 1536.3 | 1528.9 | 1522.3 | 1513.2 | 1504.1 | 1497.5 | 1486.8 | 1481.0 | 1476.9 | 1470.3 | 1465.3 |
| 15° | 1552.0 | 1538.0 | 1525.6 | 1511.5 | 1501.6 | 1491.7 | 1479.3 | 1476.9 | 1471.1 | 1464.5 | 1455.4 |
| 17.5° | 1533.0 | 1513.2 | 1490.1 | 1475.2 | 1460.4 | 1445.5 | 1433.1 | 1433.1 | 1430.6 | 1423.2 | 1407.5 |
| 20° | 1494.2 | 1464.5 | 1437.2 | 1413.3 | 1398.4 | 1377.0 | 1369.5 | 1358.0 | 1349.7 | 1336.5 | 1316.7 |
| 22.5° | 1430.6 | 1399.3 | 1363.8 | 1339.8 | 1314.2 | 1290.3 | 1275.4 | 1257.3 | 1250.7 | 1229.2 | 1202.8 |
| 25° | 1359.6 | 1314.2 | 1276.3 | 1244.9 | 1209.4 | 1181.3 | 1160.7 | 1135.9 | 1119.4 | 1098.8 | 1065.8 |
| 27.5° | 1275.4 | 1228.4 | 1185.5 | 1150.8 | 1113.6 | 1074.8 | 1036.9 | 1008.0 | 978.2 | 954.3 | 935.3 |
| 30° | 1184.6 | 1135.9 | 1083.1 | 1042.6 | 999.7 | 951.0 | 919.6 | 880.8 | 857.7 | 831.3 | 806.5 |
| 32.5° | 1065.8 | 1022.8 | 960.9 | 913.9 | 861.0 | 823.0 | 797.5 | 760.3 | 733.1 | 710.8 | 696.7 |
| 35° | 935.3 | 870.9 | 809.0 | 773.5 | 737.2 | 706.6 | 671.2 | 642.3 | 624.1 | 601.0 | 588.6 |
| 37.5° | 793.3 | 718.2 | 665.4 | 634.0 | 596.9 | 582.0 | 559.7 | 542.4 | 525.9 | 510.2 | 500.3 |
| 40° | 666.2 | 596.9 | 549.0 | 522.6 | 497.8 | 481.3 | 467.2 | 459.8 | 449.1 | 436.7 | 429.3 |
| 42.5° | 560.5 | 505.2 | 458.2 | 433.4 | 414.4 | 412.8 | 403.7 | 397.9 | 393.8 | 386.3 | 374.8 |
| 45° | 478.0 | 427.6 | 387.2 | 367.4 | 359.1 | 359.9 | 359.9 | 355.0 | 355.0 | 352.5 | 345.1 |
| 47.5° | 422.7 | 377.3 | 347.5 | 334.3 | 331.0 | 331.9 | 329.4 | 327.7 | 328.6 | 327.7 | 323.6 |
| 50° | 379.7 | 340.9 | 316.2 | 311.2 | 310.4 | 309.6 | 306.3 | 303.8 | 303.0 | 304.6 | 303.8 |
| 52.5° | 336.0 | 303.8 | 289.8 | 288.1 | 288.9 | 288.9 | 288.1 | 287.3 | 288.9 | 290.6 | 288.1 |
| 55° | 311.2 | 288.1 | 279.0 | 279.0 | 279.0 | 279.0 | 278.2 | 277.4 | 279.9 | 282.3 | 278.2 |
| 57.5° | 288.1 | 271.6 | 268.3 | 268.3 | 268.3 | 266.6 | 266.6 | 267.5 | 270.8 | 275.7 | 270.8 |
| 60° | 270.8 | 262.5 | 262.5 | 263.3 | 262.5 | 259.2 | 256.7 | 256.7 | 260.9 | 267.5 | 263.3 |
| 62.5° | 254.3 | 250.1 | 251.8 | 251.0 | 249.3 | 245.2 | 241.9 | 241.9 | 246.8 | 253.4 | 255.1 |
| 63° | 250.1 | 246.8 | 248.5 | 247.7 | 246.0 | 242.7 | 239.4 | 239.4 | 243.5 | 250.1 | 252.6 |
| 65° | 232.0 | 232.8 | 233.6 | 234.4 | 233.6 | 232.8 | 228.7 | 227.0 | 230.3 | 235.3 | 238.6 |
| 67.5° | 210.5 | 212.2 | 213.8 | 217.9 | 216.3 | 216.3 | 213.8 | 212.2 | 213.0 | 215.5 | 217.9 |
| 70° | 190.7 | 192.3 | 194.8 | 196.5 | 197.3 | 198.1 | 196.5 | 194.0 | 194.8 | 195.6 | 197.3 |
| 72.5° | 171.7 | 173.4 | 175.0 | 178.3 | 178.3 | 178.3 | 176.7 | 175.0 | 175.8 | 177.5 | 179.1 |
| 75° | 154.4 | 155.2 | 156.8 | 159.3 | 160.2 | 158.5 | 158.5 | 156.8 | 157.7 | 160.2 | 161.8 |
| 77.5° | 137.0 | 135.4 | 136.2 | 137.9 | 140.3 | 140.3 | 141.2 | 140.3 | 142.0 | 143.6 | 145.3 |
| 80° | 117.2 | 115.6 | 113.9 | 114.7 | 118.1 | 122.2 | 126.3 | 126.3 | 128.8 | 129.6 | 132.1 |
| 82.5° | 93.3 | 91.6 | 90.8 | 93.3 | 92.5 | 98.2 | 107.3 | 112.3 | 115.6 | 118.9 | 120.5 |
| 85° | 72.6 | 68.5 | 70.2 | 70.2 | 68.5 | 77.6 | 85.9 | 92.5 | 93.3 | 98.2 | 99.1 |
| 87.5° | 42.9 | 41.3 | 39.6 | 38.0 | 43.8 | 52.8 | 60.3 | 62.7 | 64.4 | 66.9 | 69.3 |
| 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: P145765

CATALOG NUMBER: LDRL-SLL-F05-E

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1365.4 | 1365.4 | 1365.4 | 1365.4 | 1365.4 | 1365.4 | 1365.4 | 1365.4 | 1365.4 | 1365.4 | 1365.4 |
| 2.5° | 1377.0 | 1383.6 | 1381.9 | 1381.1 | 1381.9 | 1381.1 | 1378.6 | 1379.5 | 1377.8 | 1378.6 | 1377.0 |
| 5° | 1403.4 | 1406.7 | 1404.2 | 1400.1 | 1400.1 | 1394.3 | 1390.2 | 1386.9 | 1382.8 | 1381.1 | 1377.8 |
| 7.5° | 1429.0 | 1426.5 | 1423.2 | 1415.8 | 1411.6 | 1404.2 | 1398.4 | 1391.8 | 1387.7 | 1382.8 | 1377.0 |
| 10° | 1444.7 | 1439.7 | 1433.1 | 1424.0 | 1412.5 | 1405.9 | 1397.6 | 1387.7 | 1382.8 | 1380.3 | 1374.5 |
| 12.5° | 1452.1 | 1438.9 | 1428.2 | 1411.6 | 1395.1 | 1382.8 | 1373.7 | 1363.8 | 1361.3 | 1358.0 | 1353.9 |
| 15° | 1434.8 | 1415.8 | 1388.5 | 1366.2 | 1344.8 | 1327.4 | 1320.0 | 1309.3 | 1306.8 | 1306.0 | 1305.2 |
| 17.5° | 1376.2 | 1347.3 | 1320.8 | 1291.1 | 1272.1 | 1256.4 | 1249.8 | 1247.4 | 1243.2 | 1241.6 | 1242.4 |
| 20° | 1282.0 | 1257.3 | 1230.9 | 1221.0 | 1198.7 | 1194.5 | 1184.6 | 1178.0 | 1170.6 | 1168.1 | 1164.0 |
| 22.5° | 1172.2 | 1141.7 | 1125.2 | 1117.8 | 1108.7 | 1087.2 | 1082.3 | 1075.7 | 1065.8 | 1058.3 | 1056.7 |
| 25° | 1044.3 | 1019.5 | 1018.7 | 1001.4 | 993.9 | 982.4 | 969.2 | 960.9 | 955.1 | 946.1 | 939.4 |
| 27.5° | 913.9 | 904.8 | 889.1 | 875.9 | 870.9 | 864.3 | 844.5 | 840.4 | 833.8 | 826.4 | 818.9 |
| 30° | 792.5 | 785.9 | 771.0 | 758.7 | 751.2 | 738.0 | 719.0 | 720.7 | 707.5 | 697.6 | 691.0 |
| 32.5° | 674.5 | 669.5 | 655.5 | 652.2 | 628.2 | 621.6 | 601.8 | 586.9 | 573.7 | 563.8 | 555.6 |
| 35° | 568.0 | 554.8 | 555.6 | 540.7 | 527.5 | 507.7 | 487.1 | 468.1 | 457.3 | 452.4 | 445.0 |
| 37.5° | 491.2 | 478.8 | 466.4 | 449.9 | 435.1 | 421.0 | 408.6 | 402.9 | 396.3 | 397.9 | 398.7 |
| 40° | 421.8 | 412.8 | 403.7 | 392.1 | 383.0 | 377.3 | 374.0 | 374.0 | 374.8 | 378.9 | 382.2 |
| 42.5° | 372.3 | 364.9 | 359.9 | 355.8 | 357.5 | 357.5 | 359.9 | 364.1 | 368.2 | 374.0 | 377.3 |
| 45° | 339.3 | 335.2 | 333.5 | 335.2 | 340.1 | 344.2 | 350.0 | 356.6 | 363.2 | 369.0 | 371.5 |
| 47.5° | 319.5 | 317.0 | 317.0 | 321.1 | 328.6 | 335.2 | 344.2 | 350.8 | 358.3 | 363.2 | 364.9 |
| 50° | 298.0 | 297.2 | 297.2 | 300.5 | 307.1 | 315.4 | 324.4 | 331.0 | 337.6 | 341.8 | 343.4 |
| 52.5° | 285.6 | 283.2 | 282.3 | 286.5 | 292.2 | 300.5 | 309.6 | 316.2 | 321.1 | 324.4 | 325.3 |
| 55° | 274.9 | 272.4 | 270.8 | 275.7 | 282.3 | 289.8 | 300.5 | 307.9 | 312.9 | 317.0 | 320.3 |
| 57.5° | 265.8 | 263.3 | 261.7 | 267.5 | 274.1 | 283.2 | 292.2 | 300.5 | 307.1 | 312.0 | 315.4 |
| 60° | 258.4 | 255.1 | 253.4 | 260.0 | 266.6 | 275.7 | 284.8 | 293.9 | 303.0 | 308.7 | 310.4 |
| 62.5° | 249.3 | 246.8 | 244.4 | 248.5 | 251.8 | 258.4 | 266.6 | 275.7 | 284.0 | 289.8 | 289.8 |
| 63° | 246.8 | 246.0 | 242.7 | 246.0 | 249.3 | 255.1 | 263.3 | 271.6 | 279.9 | 286.5 | 285.6 |
| 65° | 236.1 | 236.1 | 234.4 | 237.8 | 241.1 | 246.8 | 253.4 | 262.5 | 269.9 | 274.9 | 275.7 |
| 67.5° | 218.8 | 219.6 | 221.2 | 224.5 | 231.1 | 236.9 | 244.4 | 252.6 | 259.2 | 262.5 | 264.2 |
| 70° | 199.0 | 200.6 | 203.9 | 208.9 | 214.6 | 219.6 | 224.5 | 232.8 | 238.6 | 241.9 | 243.5 |
| 72.5° | 180.0 | 184.1 | 186.6 | 190.7 | 194.0 | 199.0 | 203.1 | 211.3 | 216.3 | 218.8 | 222.9 |
| 75° | 162.6 | 165.9 | 167.6 | 170.1 | 173.4 | 175.0 | 180.0 | 183.3 | 189.9 | 193.2 | 198.1 |
| 77.5° | 146.1 | 147.8 | 150.2 | 154.4 | 155.2 | 157.7 | 159.3 | 164.3 | 167.6 | 170.9 | 175.0 |
| 80° | 131.3 | 132.9 | 136.2 | 138.7 | 139.5 | 141.2 | 142.0 | 141.2 | 140.3 | 137.9 | 141.2 |
| 82.5° | 118.1 | 119.7 | 123.8 | 126.3 | 128.8 | 128.8 | 128.0 | 118.9 | 114.7 | 116.4 | 118.9 |
| 85° | 97.4 | 99.1 | 103.2 | 108.1 | 109.0 | 108.1 | 109.0 | 99.9 | 94.1 | 91.6 | 94.1 |
| 87.5° | 61.1 | 59.4 | 73.5 | 80.1 | 75.1 | 76.8 | 77.6 | 72.6 | 67.7 | 57.8 | 60.3 |
| 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: P145765
 CATALOG NUMBER: LDRL-SLL-F05-E

REPORT N
 CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° | |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 0° | 1365.4 | 1365.4 | 1365.4 | 1365.4 | 1365.4 | 1365.4 | 1365.4 | 1365.4 | 1365.4 | 1365.4 | 1365.4 | 0° |
| 2.5° | 1378.6 | 1372.8 | 1373.7 | 1375.3 | 1375.3 | 1377.8 | 1374.5 | 1370.4 | 1372.8 | 1368.7 | 1367.9 | 2.5° |
| 5° | 1377.8 | 1370.4 | 1370.4 | 1372.0 | 1370.4 | 1372.0 | 1369.5 | 1365.4 | 1367.9 | 1362.9 | 1362.1 | 5° |
| 7.5° | 1374.5 | 1370.4 | 1372.0 | 1373.7 | 1371.2 | 1372.0 | 1371.2 | 1365.4 | 1366.2 | 1363.8 | 1358.0 | 7.5° |
| 10° | 1372.8 | 1370.4 | 1373.7 | 1378.6 | 1378.6 | 1379.5 | 1377.0 | 1370.4 | 1366.2 | 1363.8 | 1358.8 | 10° |
| 12.5° | 1355.5 | 1358.8 | 1365.4 | 1377.0 | 1381.1 | 1387.7 | 1391.0 | 1387.7 | 1389.4 | 1386.1 | 1384.4 | 12.5° |
| 15° | 1306.0 | 1314.2 | 1325.0 | 1342.3 | 1354.7 | 1369.5 | 1387.7 | 1396.0 | 1411.6 | 1424.0 | 1432.3 | 15° |
| 17.5° | 1246.5 | 1252.3 | 1263.9 | 1283.7 | 1299.4 | 1329.1 | 1353.9 | 1381.9 | 1412.5 | 1445.5 | 1474.4 | 17.5° |
| 20° | 1173.1 | 1168.9 | 1187.1 | 1208.6 | 1235.8 | 1268.8 | 1305.2 | 1347.3 | 1397.6 | 1450.4 | 1500.8 | 20° |
| 22.5° | 1064.9 | 1064.9 | 1083.9 | 1109.5 | 1142.5 | 1180.5 | 1230.9 | 1276.3 | 1342.3 | 1419.1 | 1493.4 | 22.5° |
| 25° | 941.1 | 943.6 | 956.8 | 985.7 | 1008.8 | 1063.3 | 1110.3 | 1168.9 | 1248.2 | 1332.4 | 1431.5 | 25° |
| 27.5° | 809.0 | 825.5 | 822.2 | 852.8 | 883.3 | 937.0 | 1001.4 | 1060.8 | 1149.1 | 1239.1 | 1352.2 | 27.5° |
| 30° | 689.3 | 686.8 | 686.0 | 722.3 | 752.9 | 801.6 | 854.4 | 929.5 | 1018.7 | 1134.3 | 1264.7 | 30° |
| 32.5° | 540.7 | 549.8 | 556.4 | 577.9 | 610.9 | 656.3 | 713.3 | 791.7 | 899.0 | 1015.4 | 1162.3 | 32.5° |
| 35° | 446.6 | 449.1 | 458.2 | 470.5 | 499.4 | 537.4 | 596.9 | 666.2 | 760.3 | 880.8 | 1036.9 | 35° |
| 37.5° | 400.4 | 402.9 | 412.8 | 424.3 | 445.0 | 473.0 | 513.5 | 567.1 | 653.8 | 766.1 | 911.4 | 37.5° |
| 40° | 385.5 | 388.0 | 393.8 | 404.5 | 423.5 | 447.4 | 479.6 | 520.9 | 583.6 | 671.2 | 798.3 | 40° |
| 42.5° | 378.9 | 378.9 | 379.7 | 388.0 | 407.0 | 435.1 | 469.7 | 506.9 | 553.1 | 619.1 | 722.3 | 42.5° |
| 45° | 371.5 | 371.5 | 370.7 | 376.4 | 391.3 | 423.5 | 465.6 | 511.0 | 561.4 | 618.3 | 699.2 | 45° |
| 47.5° | 364.9 | 363.2 | 361.6 | 364.1 | 376.4 | 409.5 | 458.2 | 513.5 | 577.9 | 648.9 | 730.6 | 47.5° |
| 50° | 341.8 | 341.8 | 340.9 | 341.8 | 353.3 | 388.0 | 444.1 | 511.0 | 592.7 | 684.4 | 783.4 | 50° |
| 52.5° | 325.3 | 326.1 | 326.9 | 326.9 | 336.0 | 371.5 | 433.4 | 511.8 | 609.2 | 719.0 | 844.5 | 52.5° |
| 55° | 321.1 | 322.8 | 322.8 | 321.1 | 328.6 | 360.8 | 423.5 | 509.3 | 620.8 | 757.8 | 909.7 | 55° |
| 57.5° | 316.2 | 317.0 | 317.8 | 316.2 | 321.1 | 349.2 | 409.5 | 497.8 | 617.5 | 772.7 | 958.4 | 57.5° |
| 60° | 309.6 | 306.3 | 305.4 | 303.0 | 306.3 | 328.6 | 384.7 | 473.0 | 597.7 | 766.1 | 974.9 | 60° |
| 62.5° | 291.4 | 288.9 | 286.5 | 284.0 | 286.5 | 303.0 | 357.5 | 442.5 | 564.7 | 739.7 | 961.7 | 62.5° |
| 63° | 287.3 | 285.6 | 283.2 | 280.7 | 280.7 | 298.8 | 348.4 | 435.1 | 556.4 | 732.2 | 956.8 | 63° |
| 65° | 275.7 | 274.9 | 273.2 | 270.8 | 269.9 | 284.0 | 327.7 | 401.2 | 517.6 | 699.2 | 925.4 | 65° |
| 67.5° | 262.5 | 262.5 | 261.7 | 258.4 | 254.3 | 262.5 | 293.1 | 350.8 | 449.9 | 614.2 | 847.8 | 67.5° |
| 70° | 243.5 | 243.5 | 242.7 | 241.1 | 236.1 | 241.9 | 261.7 | 299.7 | 370.7 | 501.9 | 710.8 | 70° |
| 72.5° | 224.5 | 224.5 | 227.0 | 226.2 | 227.0 | 227.8 | 237.8 | 258.4 | 301.3 | 390.5 | 537.4 | 72.5° |
| 75° | 199.8 | 203.9 | 204.7 | 206.4 | 207.2 | 206.4 | 211.3 | 223.7 | 248.5 | 299.7 | 392.1 | 75° |
| 77.5° | 179.1 | 184.9 | 184.1 | 182.4 | 181.6 | 182.4 | 181.6 | 187.4 | 205.6 | 237.8 | 290.6 | 77.5° |
| 80° | 147.8 | 153.5 | 153.5 | 152.7 | 151.1 | 152.7 | 151.1 | 156.8 | 171.7 | 199.8 | 231.1 | 80° |
| 82.5° | 121.4 | 125.5 | 128.0 | 129.6 | 128.0 | 134.6 | 134.6 | 132.9 | 144.5 | 169.2 | 194.8 | 82.5° |
| 85° | 97.4 | 101.5 | 104.0 | 107.3 | 109.0 | 107.3 | 106.5 | 104.8 | 111.4 | 131.3 | 148.6 | 85° |
| 87.5° | 61.9 | 65.2 | 65.2 | 66.0 | 66.0 | 68.5 | 63.6 | 57.8 | 52.8 | 75.1 | 78.4 | 87.5° |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 90° |



NUMBER: P145765

NUMBER: LDRL-SLL-F05-E

DISTRIBUTION (continued):

| 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|
| 1365.4 | 1365.4 | 1365.4 | 1365.4 | 1365.4 | 1365.4 | 1365.4 |
| 1365.4 | 1365.4 | 1366.2 | 1363.8 | 1366.2 | 1366.2 | 1363.8 |
| 1359.6 | 1358.0 | 1358.0 | 1357.2 | 1358.8 | 1358.0 | 1357.2 |
| 1354.7 | 1354.7 | 1351.4 | 1348.9 | 1348.1 | 1351.4 | 1349.7 |
| 1353.0 | 1351.4 | 1350.6 | 1348.9 | 1349.7 | 1352.2 | 1353.9 |
| 1382.8 | 1377.0 | 1378.6 | 1377.8 | 1378.6 | 1381.1 | 1386.1 |
| 1437.2 | 1437.2 | 1441.4 | 1432.3 | 1436.4 | 1440.5 | 1447.1 |
| 1498.3 | 1513.2 | 1520.6 | 1519.8 | 1521.4 | 1524.7 | 1532.2 |
| 1550.3 | 1597.4 | 1630.4 | 1638.7 | 1661.0 | 1665.9 | 1654.4 |
| 1573.5 | 1657.7 | 1732.0 | 1781.5 | 1836.8 | 1859.1 | 1865.7 |
| 1526.4 | 1647.7 | 1769.9 | 1883.8 | 1992.8 | 2055.6 | 2110.9 |
| 1477.7 | 1621.3 | 1784.0 | 1954.0 | 2131.5 | 2291.7 | 2411.4 |
| 1410.0 | 1599.9 | 1819.5 | 2049.0 | 2284.2 | 2507.1 | 2706.9 |
| 1335.7 | 1565.2 | 1822.8 | 2101.8 | 2392.4 | 2669.7 | 2911.6 |
| 1229.2 | 1484.3 | 1769.9 | 2093.5 | 2430.3 | 2777.9 | 3080.0 |
| 1107.0 | 1355.5 | 1675.8 | 2045.7 | 2427.9 | 2833.2 | 3195.6 |
| 976.6 | 1230.9 | 1567.7 | 1963.9 | 2395.7 | 2850.5 | 3276.5 |
| 878.4 | 1130.1 | 1460.4 | 1886.3 | 2347.8 | 2839.0 | 3315.3 |
| 828.0 | 1043.5 | 1372.8 | 1810.4 | 2294.1 | 2810.9 | 3331.8 |
| 837.9 | 1020.3 | 1320.8 | 1747.6 | 2246.3 | 2780.4 | 3327.7 |
| 893.2 | 1055.0 | 1320.0 | 1724.5 | 2215.7 | 2752.3 | 3316.1 |
| 976.6 | 1133.4 | 1367.9 | 1751.8 | 2232.2 | 2749.8 | 3315.3 |
| 1070.7 | 1243.2 | 1483.5 | 1825.2 | 2302.4 | 2794.4 | 3335.1 |
| 1161.5 | 1377.0 | 1632.1 | 1989.5 | 2435.3 | 2905.8 | 3415.2 |
| 1215.2 | 1499.2 | 1822.8 | 2221.5 | 2640.0 | 3101.5 | 3591.0 |
| 1227.6 | 1572.6 | 1992.0 | 2449.3 | 2920.7 | 3384.7 | 3865.1 |
| 1226.7 | 1580.1 | 2020.9 | 2496.4 | 2977.7 | 3449.9 | 3935.3 |
| 1207.7 | 1594.9 | 2098.5 | 2651.6 | 3206.3 | 3729.7 | 4228.3 |
| 1148.3 | 1568.5 | 2141.4 | 2796.1 | 3433.4 | 4038.5 | 4669.2 |
| 1012.1 | 1448.0 | 2091.1 | 2843.1 | 3568.7 | 4243.2 | 4963.1 |
| 792.5 | 1194.5 | 1805.4 | 2598.8 | 3385.5 | 4059.9 | 4970.5 |
| 557.2 | 844.5 | 1389.4 | 2134.0 | 2767.2 | 3430.9 | 4439.7 |
| 388.0 | 547.3 | 902.3 | 1435.6 | 1996.9 | 2503.0 | 3300.4 |
| 284.0 | 364.1 | 540.7 | 858.5 | 1211.9 | 1564.4 | 2048.1 |
| 218.8 | 262.5 | 345.9 | 518.4 | 684.4 | 875.9 | 1235.0 |
| 153.5 | 173.4 | 213.8 | 320.3 | 459.0 | 626.6 | 904.8 |
| 66.9 | 78.4 | 103.2 | 189.0 | 310.4 | 298.8 | 284.8 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)