

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: P145173

Luminaire Tested: **LDRL-SL3-F06-E-8030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P145173
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33702)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: LDRL-SL3-F06-E-8030
Description: RL LED ROADWAY LARGE CUTOFF COBRAHEAD LUMINAIRE
(6) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ SPILL LIGHT CONTROL
Light Source: (42) 3000K CCT, 80 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12410.4 lumens
Efficiency: N/A
Efficacy: 79.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short - Semi-Cutoff
BUG Rating: B2 - U0 - G2

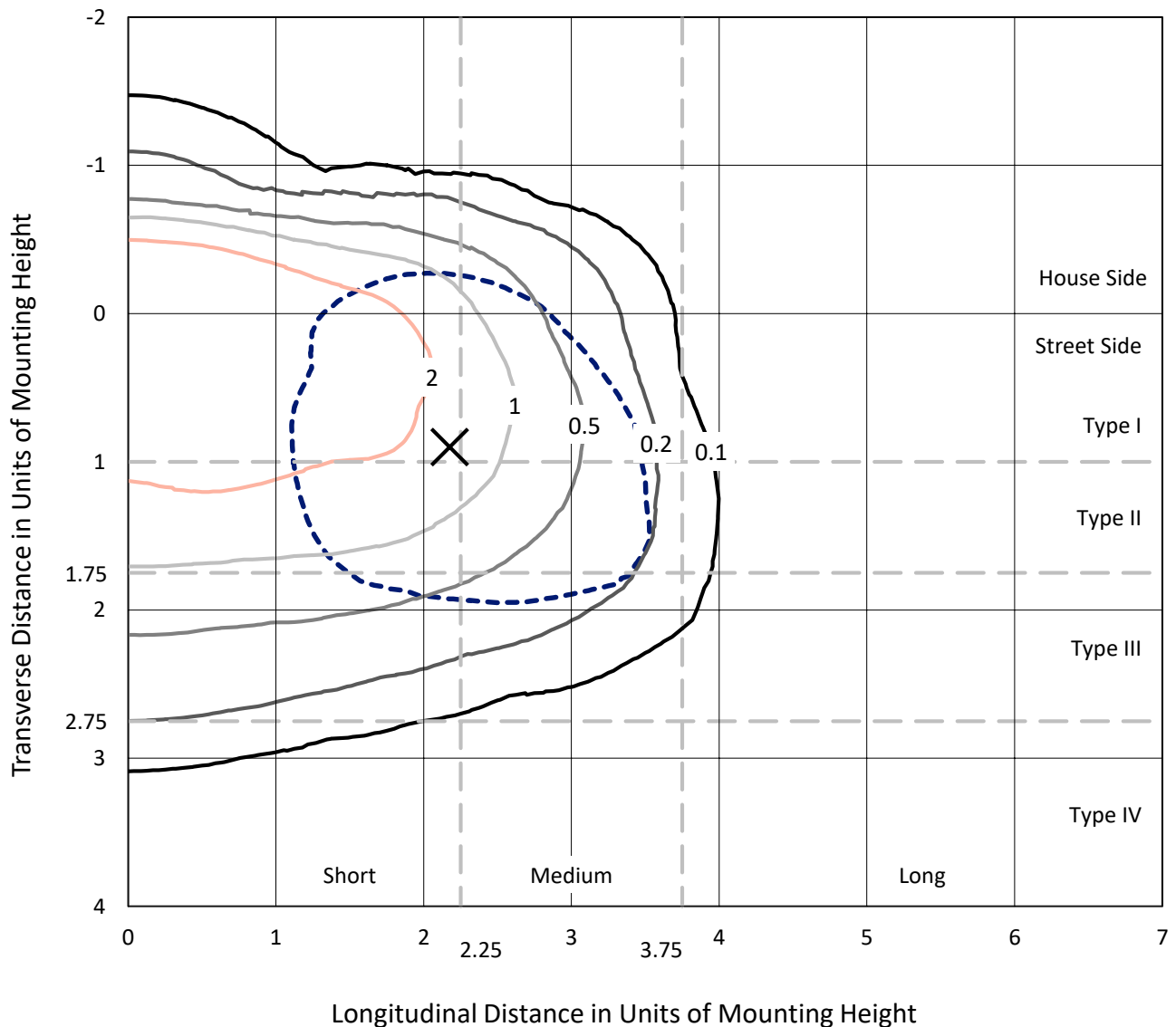
Input Watts (W): 156.5
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P145173
 CATALOG NUMBER: LDRL-SL3-F06-E-8030

Iso-Footcandle Lines of Horizontal Illumination

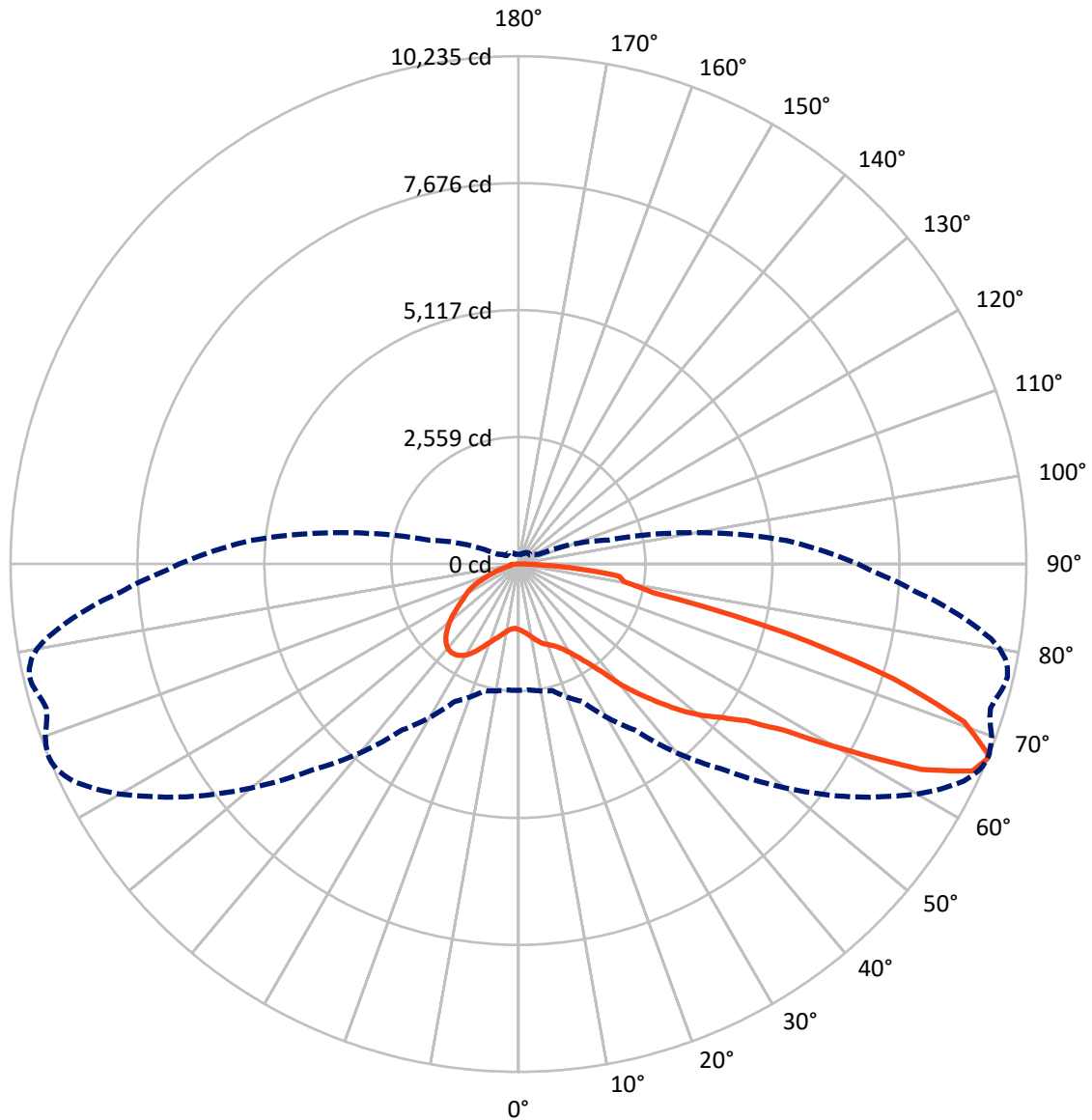
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 4.2 fc
 Type III - Short - Semi-Cutoff

REPORT NUMBER: P145173
CATALOG NUMBER: LDRL-SL3-F06-E-8030

Luminous Intensity Polar Plot



— Vertical Plane Through 67.5-Deg Lateral - - - Horizontal Cone Through 67-Deg Vertical

REPORT NUMBER: P145173

CATALOG NUMBER: LDRL-SL3-F06-E-8030

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2938.7	0.0	2938.7
	% Fixture	23.7	0.0	23.7
Street Side	Lumens	9471.7	0.0	9471.7
	% Fixture	76.3	0.0	76.3
Total	Lumens	12410.4	0.0	12410.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	131.8	1.1
10°-20°	451.2	3.6
20°-30°	803.2	6.5
30°-40°	1170.0	9.4
40°-50°	1802.8	14.5
50°-60°	2640.2	21.3
60°-70°	3505.9	28.3
70°-80°	1652.6	13.3
80°-90°	252.6	2.0
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°	12410.4	100.0
0°-180°	12410.4	100.0



REPORT NUMBER: P145173

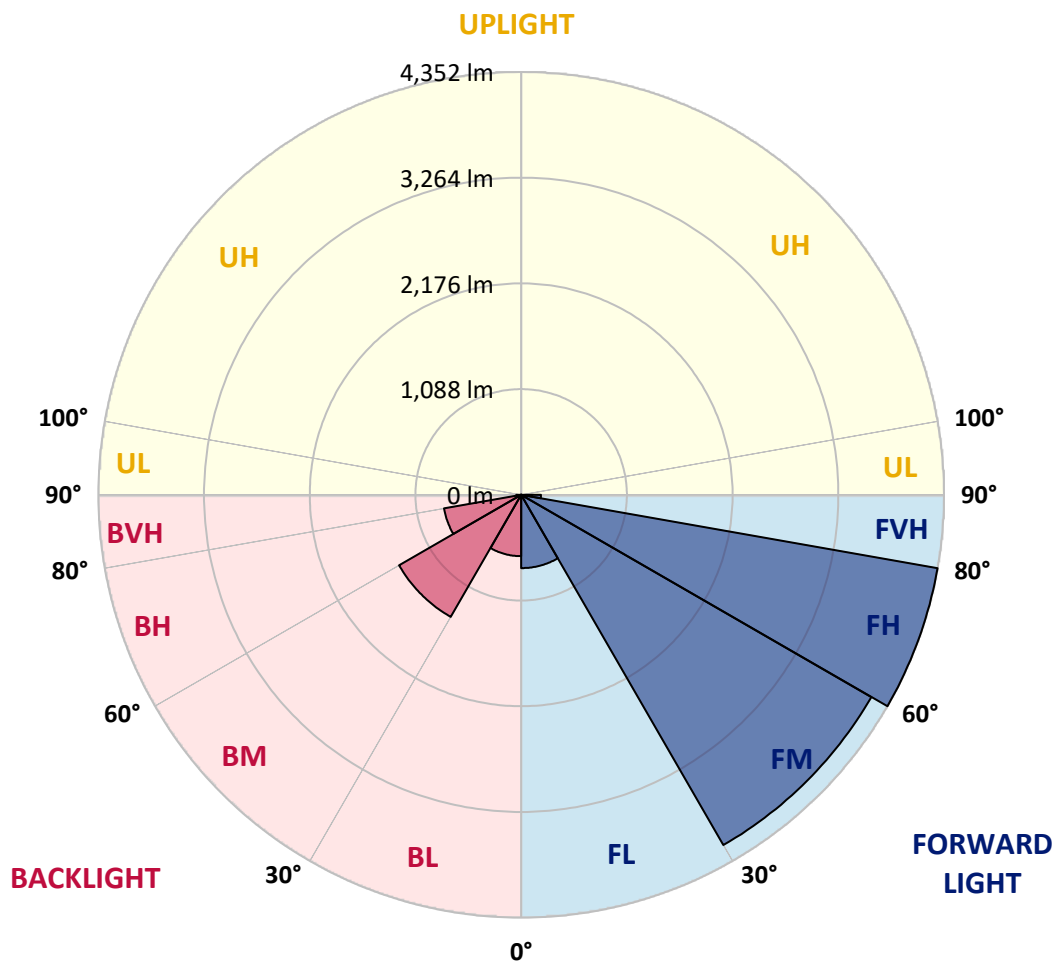
CATALOG NUMBER: LDRL-SL3-F06-E-8030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	754.5	6.1			
FM	(30°-60°)	4161.9	33.5			
FH	(60°-80°)	4351.8	35.1			G2/5000
FVH	(80°-90°)	203.6	1.6			G2/225
BL	(0°-30°)	631.7	5.1	B2/1000		
BM	(30°-60°)	1451.2	11.7	B2/2500		
BH	(60°-80°)	806.8	6.5	B2/1000		G2/1000
BVH	(80°-90°)	49.1	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-G2

Type III Short





REPORT NUMBER: P145173

CATALOG NUMBER: LDRL-SL3-F06-E-8030

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	60°	61°	62°	64°
0°	1320.2	1320.2	1320.2	1320.2	1320.2	1320.2	1320.2	1320.2	1320.2	1320.2	1320.2
2.5°	1386.2	1380.4	1381.2	1383.7	1375.4	1371.2	1362.0	1356.1	1355.3	1354.5	1351.1
5°	1467.3	1461.5	1464.0	1457.3	1441.4	1430.5	1411.3	1401.3	1399.6	1397.9	1393.7
7.5°	1551.8	1544.2	1535.9	1528.4	1510.8	1493.2	1468.2	1453.1	1451.4	1448.9	1446.4
10°	1652.1	1641.2	1634.5	1611.1	1581.0	1556.8	1531.7	1515.8	1515.0	1512.5	1507.5
12.5°	1765.0	1753.3	1740.7	1709.8	1663.0	1627.0	1597.8	1588.6	1581.0	1581.9	1576.9
15°	1877.0	1864.5	1847.7	1808.4	1746.6	1693.1	1655.4	1642.1	1642.9	1638.7	1641.2
17.5°	1971.5	1960.6	1936.4	1886.2	1814.3	1740.7	1693.1	1687.2	1688.9	1688.1	1690.6
20°	2033.4	2026.7	1989.9	1929.7	1848.6	1767.5	1719.0	1719.0	1719.8	1723.2	1729.0
22.5°	2071.0	2060.9	2012.5	1928.0	1847.7	1780.0	1742.4	1750.8	1755.8	1758.3	1767.5
25°	2091.9	2079.3	2013.3	1901.3	1819.3	1789.2	1777.5	1798.4	1806.8	1811.0	1826.0
27.5°	2091.9	2076.8	2002.4	1867.8	1786.7	1816.8	1844.4	1880.3	1886.2	1898.7	1916.3
30°	2068.5	2056.8	1985.7	1842.7	1778.3	1868.6	1952.3	1993.2	2007.4	2021.6	2044.2
32.5°	2043.4	2033.4	1977.3	1856.1	1825.2	1977.3	2117.0	2173.0	2181.3	2193.0	2216.5
35°	2041.7	2038.4	2014.1	1941.4	1966.5	2176.3	2365.3	2403.7	2427.1	2433.0	2443.0
37.5°	2059.3	2066.0	2086.9	2079.3	2169.6	2472.3	2690.5	2767.4	2785.8	2775.8	2785.0
40°	2100.2	2117.0	2194.7	2290.9	2479.8	2830.1	3133.6	3222.3	3242.3	3236.5	3234.0
42.5°	2229.8	2252.4	2367.0	2572.6	2802.5	3200.5	3545.0	3640.3	3647.0	3650.3	3628.6
45°	2433.0	2445.5	2597.7	2860.2	3152.0	3599.3	3955.5	4061.7	4057.5	4040.8	4024.9
47.5°	2663.8	2689.7	2871.9	3189.7	3513.2	3968.0	4371.0	4474.7	4483.9	4468.9	4439.6
50°	2873.6	2893.7	3099.4	3476.4	3831.8	4274.9	4721.4	4825.9	4824.2	4832.6	4840.9
52.5°	3039.2	3057.6	3253.2	3667.9	4065.9	4532.4	4985.6	5114.3	5134.4	5147.8	5164.5
55°	3124.4	3143.7	3324.3	3747.3	4208.0	4784.1	5290.7	5475.5	5509.8	5539.9	5567.5
57.5°	3126.1	3151.2	3316.7	3741.5	4281.6	5009.0	5694.6	6026.5	6075.0	6151.9	6246.4
60°	3075.1	3110.2	3259.1	3687.1	4366.0	5294.1	6360.1	6995.5	7090.8	7225.4	7346.7
62.5°	2942.2	2977.3	3110.2	3549.2	4464.7	5659.4	7321.6	8253.0	8456.1	8605.0	8844.9
65°	2732.3	2765.8	2877.8	3320.9	4386.1	5947.9	8038.1	9155.1	9362.5	9548.9	9830.7
67°	2545.0	2548.4	2642.9	3059.2	4080.1	5858.4	8181.9	9275.5	9467.0	9655.9	9982.8
67.5°	2479.0	2497.4	2571.0	2972.3	3963.9	5792.4	8125.1	9210.3	9395.9	9597.4	9931.0
70°	2004.1	2009.1	2080.2	2371.1	3145.3	4802.5	7298.2	8378.4	8505.5	8800.6	9128.4
72.5°	1222.4	1214.0	1236.6	1452.3	2070.1	3325.9	5843.4	6897.7	7071.6	7323.2	7544.8
75°	673.0	713.2	740.8	890.4	1163.0	1955.6	3978.9	4990.6	5245.6	5395.2	5439.6
77.5°	411.4	408.0	420.5	574.4	954.0	1337.7	2198.1	2928.0	3070.1	3112.7	2948.0
80°	195.6	203.2	200.7	236.6	462.4	1128.7	1536.7	1880.3	1952.3	1993.2	2046.7
82.5°	107.0	111.2	126.2	141.3	182.3	485.8	1326.0	1734.0	1782.5	1852.8	1931.4
85°	66.9	70.2	97.0	102.0	112.0	149.7	552.7	1013.3	1054.3	1193.9	1238.2
87.5°	27.6	30.1	52.7	47.7	56.9	52.7	167.2	257.5	273.4	291.0	322.7
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: P145173

CATALOG NUMBER: LDRL-SL3-F06-E-8030

CANDELA DISTRIBUTION (continued):

	65°	66°	67°	67.5°	68°	69°	70°	71°	72°	73°	74°
0°	1320.2	1320.2	1320.2	1320.2	1320.2	1320.2	1320.2	1320.2	1320.2	1320.2	1320.2
2.5°	1351.9	1351.1	1347.8	1346.9	1348.6	1348.6	1346.9	1344.4	1343.6	1342.7	1341.1
5°	1392.1	1390.4	1387.9	1386.2	1385.4	1385.4	1382.9	1380.4	1377.9	1374.5	1373.7
7.5°	1439.7	1439.7	1438.9	1436.4	1433.9	1430.5	1428.0	1425.5	1423.0	1421.3	1418.8
10°	1502.4	1505.8	1499.9	1498.3	1497.4	1492.4	1491.6	1489.1	1487.4	1483.2	1483.2
12.5°	1576.9	1573.5	1572.7	1569.3	1569.3	1566.8	1566.0	1565.1	1563.5	1560.1	1559.3
15°	1638.7	1638.7	1637.9	1636.2	1637.9	1636.2	1633.7	1635.4	1632.9	1633.7	1631.2
17.5°	1688.9	1692.2	1691.4	1692.2	1691.4	1691.4	1693.1	1693.1	1694.7	1691.4	1692.2
20°	1730.7	1735.7	1738.2	1736.5	1738.2	1739.1	1743.2	1744.9	1747.4	1749.1	1749.1
22.5°	1774.2	1780.9	1785.9	1785.9	1789.2	1792.6	1800.1	1801.8	1807.6	1806.8	1811.0
25°	1835.2	1846.1	1849.4	1854.4	1858.6	1864.5	1873.7	1877.8	1880.3	1886.2	1892.9
27.5°	1928.8	1942.2	1944.7	1950.6	1961.4	1964.8	1974.8	1979.0	1988.2	2000.7	2003.3
30°	2056.8	2073.5	2074.3	2081.0	2093.6	2097.7	2106.1	2117.0	2124.5	2137.0	2137.9
32.5°	2230.7	2247.4	2244.9	2257.4	2256.6	2269.1	2266.6	2283.3	2290.0	2296.7	2315.1
35°	2462.3	2460.6	2473.1	2477.3	2474.8	2484.8	2483.2	2490.7	2497.4	2497.4	2517.4
37.5°	2795.9	2793.4	2791.7	2774.1	2769.9	2770.8	2767.4	2774.1	2763.3	2763.3	2785.0
40°	3243.2	3228.1	3216.4	3204.7	3193.0	3177.1	3163.7	3160.4	3142.0	3141.2	3132.8
42.5°	3631.9	3617.7	3609.4	3586.8	3575.1	3572.6	3540.0	3530.8	3525.8	3529.1	3520.7
45°	4040.0	4024.9	3993.1	3983.1	3979.8	3962.2	3957.2	3934.6	3927.9	3939.6	3935.4
47.5°	4460.5	4438.8	4421.2	4409.5	4405.3	4390.3	4368.5	4386.9	4377.7	4371.0	4358.5
50°	4838.4	4814.2	4814.2	4793.3	4796.6	4786.6	4764.0	4769.0	4743.1	4753.1	4746.4
52.5°	5155.3	5157.0	5165.3	5141.9	5146.1	5146.1	5138.6	5114.3	5121.0	5117.7	5133.5
55°	5558.3	5585.9	5570.8	5575.0	5580.0	5603.4	5620.1	5605.9	5582.5	5600.9	5651.9
57.5°	6263.1	6288.2	6303.2	6314.9	6334.2	6345.0	6435.3	6447.9	6421.1	6476.3	6590.0
60°	7488.8	7518.9	7564.0	7623.4	7635.9	7712.0	7758.8	7814.0	7834.1	7881.8	8003.8
62.5°	8962.8	9030.5	9038.9	9114.1	9172.7	9101.6	9120.0	9187.7	9110.8	9216.1	9221.2
65°	9927.6	10026.3	10029.6	10057.2	10079.0	10012.1	9982.0	9951.9	9879.2	9875.0	9947.7
67°	10093.2	10183.5	10221.1	10234.5	10231.1	10196.9	10147.5	10060.6	9990.4	9950.2	9980.3
67.5°	10046.4	10135.0	10187.7	10200.2	10201.0	10167.6	10122.5	10028.0	9961.9	9916.8	9948.5
70°	9277.2	9484.5	9574.8	9528.0	9554.8	9554.8	9553.1	9466.1	9433.5	9390.0	9373.3
72.5°	7713.7	7857.5	7972.0	7911.0	7918.5	7975.4	7962.0	7971.2	7877.6	7867.5	7712.9
75°	5525.7	5571.7	5533.2	5576.7	5342.6	5259.0	5116.8	4909.5	4855.1	4769.0	4511.5
77.5°	2935.5	2883.6	2780.8	2772.5	2676.3	2601.9	2509.9	2449.7	2297.6	2213.1	2020.0
80°	2073.5	2098.6	2137.9	2161.3	2183.0	2199.7	2165.5	2069.3	1942.2	1800.1	1665.5
82.5°	1980.7	2015.0	2038.4	2050.1	2041.7	2015.0	1936.4	1844.4	1674.7	1551.8	1406.3
85°	1249.1	1276.7	1229.0	1219.0	1239.9	1071.0	978.2	903.0	731.6	680.6	601.1
87.5°	335.3	353.7	354.5	343.6	336.9	296.8	262.5	232.4	192.3	180.6	146.3
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: P145173
 CATALOG NUMBER: LDRL-SL3-F06-E-8030

CANDELA DISTRIBUTION (continued):

	75°	76°	77°	78°	79°	80°	81°	82°	83°	84°	85°
0°	1320.2	1320.2	1320.2	1320.2	1320.2	1320.2	1320.2	1320.2	1320.2	1320.2	1320.2
2.5°	1341.1	1340.2	1340.2	1337.7	1336.1	1335.2	1334.4	1331.9	1330.2	1330.2	1329.4
5°	1372.8	1371.2	1368.7	1367.8	1364.5	1362.8	1359.5	1357.8	1355.3	1353.6	1352.8
7.5°	1418.0	1413.8	1408.8	1409.6	1404.6	1402.1	1400.4	1397.1	1394.6	1392.1	1391.2
10°	1478.2	1477.4	1472.3	1474.0	1464.8	1469.0	1460.6	1461.5	1456.5	1451.4	1450.6
12.5°	1555.1	1554.3	1549.3	1543.4	1541.7	1542.6	1537.6	1538.4	1532.5	1530.9	1529.2
15°	1628.7	1627.0	1624.5	1620.3	1617.8	1617.0	1615.3	1613.6	1608.6	1608.6	1602.8
17.5°	1692.2	1693.1	1689.7	1686.4	1684.7	1682.2	1681.4	1681.4	1677.2	1673.0	1673.8
20°	1748.2	1749.9	1749.9	1747.4	1748.2	1746.6	1745.7	1747.4	1743.2	1741.6	1739.1
22.5°	1811.0	1811.0	1811.8	1813.5	1816.0	1816.8	1816.8	1815.1	1812.6	1811.8	1806.8
25°	1897.9	1894.6	1898.7	1900.4	1900.4	1904.6	1902.9	1903.8	1904.6	1902.1	1899.6
27.5°	2007.4	2004.1	2012.5	2018.3	2017.5	2020.0	2025.0	2019.1	2022.5	2025.0	2019.1
30°	2142.0	2150.4	2156.3	2160.4	2158.8	2166.3	2168.8	2168.0	2165.5	2169.6	2169.6
32.5°	2313.4	2309.3	2324.3	2333.5	2334.3	2332.7	2336.9	2341.9	2337.7	2344.4	2341.0
35°	2517.4	2520.0	2523.3	2533.3	2537.5	2530.8	2537.5	2543.4	2541.7	2542.5	2545.9
37.5°	2780.8	2785.0	2781.6	2782.5	2780.8	2812.6	2817.6	2822.6	2816.8	2811.7	2826.8
40°	3146.2	3146.2	3145.3	3156.2	3137.8	3157.9	3152.0	3166.2	3181.3	3172.9	3195.5
42.5°	3505.7	3525.8	3527.4	3511.5	3524.9	3546.7	3546.7	3555.9	3569.2	3555.9	3577.6
45°	3917.9	3943.0	3938.8	3965.5	3945.5	3970.6	3974.7	3963.0	3992.3	3995.6	3987.3
47.5°	4367.7	4372.7	4373.5	4382.7	4386.9	4407.0	4406.2	4427.9	4421.2	4387.8	4399.5
50°	4753.1	4765.7	4772.4	4778.2	4799.1	4813.3	4832.6	4835.9	4830.9	4820.9	4811.7
52.5°	5138.6	5168.7	5187.9	5239.7	5272.3	5298.3	5330.0	5341.7	5335.9	5333.4	5296.6
55°	5654.4	5726.3	5837.5	5909.4	5988.0	6034.0	6070.8	6089.2	6075.8	6082.5	6006.4
57.5°	6626.0	6794.8	6891.8	7014.7	7153.5	7211.2	7227.1	7292.3	7220.4	7148.5	7090.8
60°	8069.9	8225.4	8401.8	8528.0	8574.9	8734.6	8659.3	8574.9	8497.9	8349.1	8181.1
62.5°	9373.3	9574.0	9664.3	9782.2	9750.4	9737.0	9686.9	9552.2	9387.5	9166.0	8941.9
65°	10016.3	10129.1	10185.2	10223.6	10187.7	10094.9	9929.3	9730.3	9494.6	9207.8	8913.5
67°	10042.2	10094.0	10112.4	10075.6	9995.4	9850.7	9641.7	9359.9	9069.8	8741.2	8410.2
67.5°	9999.5	10033.8	10043.0	9985.3	9890.0	9733.7	9510.4	9209.5	8900.9	8559.8	8227.1
70°	9417.6	9392.6	9311.5	9232.0	8934.4	8724.5	8335.7	8014.7	7586.6	7273.1	6917.7
72.5°	7651.0	7536.4	7457.9	7106.7	6747.2	6539.0	6121.0	5737.2	5346.7	5048.3	4830.0
75°	4295.0	4211.3	3993.1	3807.5	3510.7	3239.0	3044.2	2800.0	2565.9	2427.1	2325.1
77.5°	1940.5	1701.4	1536.7	1328.5	1073.5	862.8	640.4	591.9	505.0	483.3	435.6
80°	1514.1	1342.7	1127.0	888.8	627.1	421.4	309.4	262.5	246.6	236.6	231.6
82.5°	1263.3	1040.9	876.2	622.0	398.0	267.5	201.5	182.3	170.6	162.2	154.7
85°	540.1	427.2	352.0	251.7	178.9	141.3	123.7	112.9	102.0	92.8	87.0
87.5°	126.2	97.0	88.6	75.2	71.1	70.2	69.4	66.1	61.9	56.9	51.0
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: P145173
 CATALOG NUMBER: LDRL-SL3-F06-E-8030

CANDELA DISTRIBUTION (continued):

	86°	87°	88°	89°	90°	95°	105°	115°	125°	135°	145°
0°	1320.2	1320.2	1320.2	1320.2	1320.2	1320.2	1320.2	1320.2	1320.2	1320.2	1320.2
2.5°	1328.5	1327.7	1326.0	1323.5	1323.5	1320.2	1309.3	1301.8	1293.4	1288.4	1283.4
5°	1351.1	1350.3	1346.1	1343.6	1341.9	1335.2	1316.8	1302.6	1287.6	1276.7	1268.3
7.5°	1388.7	1386.2	1382.9	1381.2	1376.2	1367.8	1341.1	1321.0	1299.3	1281.7	1267.5
10°	1449.8	1445.6	1440.6	1435.6	1437.2	1423.8	1392.9	1363.7	1331.9	1304.3	1285.1
12.5°	1524.2	1524.2	1521.7	1518.3	1512.5	1497.4	1455.6	1421.3	1382.9	1348.6	1334.4
15°	1602.8	1598.6	1594.4	1589.4	1588.6	1568.5	1530.9	1491.6	1451.4	1422.2	1405.5
17.5°	1667.1	1668.8	1663.0	1661.3	1659.6	1639.6	1599.4	1564.3	1535.0	1504.1	1477.4
20°	1735.7	1732.4	1730.7	1728.2	1727.3	1710.6	1678.9	1657.1	1631.2	1584.4	1514.1
22.5°	1809.3	1805.1	1806.8	1801.8	1800.9	1789.2	1765.8	1759.1	1720.7	1622.0	1499.9
25°	1904.6	1897.1	1899.6	1899.6	1900.4	1889.5	1887.0	1875.3	1778.3	1612.8	1443.1
27.5°	2018.3	2021.6	2021.6	2020.8	2015.0	2018.3	2030.0	1989.9	1798.4	1564.3	1357.8
30°	2166.3	2168.0	2169.6	2175.5	2162.9	2184.7	2198.9	2071.0	1783.4	1497.4	1250.8
32.5°	2346.0	2339.4	2342.7	2346.0	2350.2	2372.8	2364.4	2111.9	1739.1	1406.3	1117.8
35°	2544.2	2556.7	2560.1	2567.6	2576.0	2610.3	2514.1	2120.3	1671.3	1284.2	948.1
37.5°	2839.3	2859.4	2859.4	2886.2	2870.3	2912.1	2647.9	2100.2	1568.5	1114.5	756.7
40°	3211.4	3220.6	3229.8	3233.1	3224.8	3219.8	2735.7	2050.9	1423.8	901.3	553.5
42.5°	3591.0	3587.6	3588.5	3594.3	3571.7	3477.3	2790.0	1964.8	1244.1	673.0	397.1
45°	3999.8	3985.6	3981.4	3969.7	3949.7	3750.7	2820.9	1843.6	1007.5	473.2	311.9
47.5°	4397.8	4380.2	4353.5	4320.9	4282.4	3970.6	2817.6	1686.4	772.5	338.6	275.1
50°	4805.8	4774.9	4717.2	4685.4	4620.2	4188.8	2798.4	1511.6	556.0	280.1	257.5
52.5°	5272.3	5217.2	5163.6	5100.1	4992.2	4457.2	2769.1	1315.2	405.5	256.7	245.8
55°	5968.0	5877.7	5789.9	5657.8	5553.3	4816.7	2719.8	1103.6	320.2	247.5	239.1
57.5°	6926.9	6773.1	6661.9	6483.8	6316.6	5314.1	2667.1	911.3	285.9	245.0	235.8
60°	8006.3	7774.7	7567.4	7348.3	7157.7	5935.4	2639.5	760.8	278.4	247.5	236.6
62.5°	8683.6	8410.2	8151.0	7883.4	7609.2	6232.2	2520.0	657.2	281.8	258.3	243.3
65°	8598.3	8296.4	8014.7	7688.6	7430.3	5952.1	2215.6	556.0	287.6	277.6	261.7
67°	8023.0	7730.4	7409.4	7090.0	6839.2	5419.5	1870.3	468.2	294.3	299.3	281.8
67.5°	7869.2	7539.8	7216.2	6922.8	6651.0	5254.8	1780.0	446.5	296.0	305.2	288.4
70°	6562.4	6301.6	5922.8	5705.4	5508.9	4259.8	1327.7	347.0	301.0	331.1	320.2
72.5°	4591.8	4339.3	4141.1	4022.4	3907.9	3095.2	933.9	276.7	293.5	345.3	334.4
75°	2319.3	2261.6	2192.2	2153.7	2155.4	1799.2	562.7	235.8	275.9	331.1	303.5
77.5°	458.2	446.5	451.5	494.1	486.6	554.3	279.3	199.8	234.9	255.0	218.2
80°	221.6	214.0	207.3	205.7	201.5	193.1	175.6	166.4	190.6	168.1	144.6
82.5°	143.8	135.4	132.1	125.4	126.2	137.1	153.0	159.7	154.7	116.2	97.8
85°	81.1	80.3	78.6	80.3	83.6	109.5	163.9	149.7	124.6	81.9	73.6
87.5°	48.5	46.0	46.8	47.7	49.3	81.1	129.6	107.9	79.4	42.6	43.5
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: P145173

CATALOG NUMBER: LDRL-SL3-F06-E-8030

CANDELA DISTRIBUTION (continued):

	155°	165°	175°	180°
0°	1320.2	1320.2	1320.2	1320.2
2.5°	1282.6	1279.2	1279.2	1278.4
5°	1261.6	1256.6	1255.8	1255.8
7.5°	1258.3	1251.6	1250.8	1248.3
10°	1273.4	1270.8	1271.7	1269.2
12.5°	1321.0	1324.4	1327.7	1327.7
15°	1393.7	1391.2	1395.4	1391.2
17.5°	1447.3	1425.5	1420.5	1418.0
20°	1448.9	1403.8	1388.7	1386.2
22.5°	1397.1	1330.2	1305.1	1300.9
25°	1309.3	1224.9	1193.1	1189.7
27.5°	1198.9	1104.5	1057.6	1056.0
30°	1066.0	954.0	894.6	885.4
32.5°	903.8	770.9	708.2	688.1
35°	716.5	580.2	521.7	520.0
37.5°	535.1	428.9	391.3	389.6
40°	392.1	336.9	322.7	320.2
42.5°	320.2	297.6	291.8	289.3
45°	286.8	277.6	274.2	271.7
47.5°	266.7	260.9	258.3	258.3
50°	250.8	249.2	247.5	247.5
52.5°	240.0	239.1	237.4	236.6
55°	230.8	227.4	228.3	227.4
57.5°	224.9	219.9	219.9	219.9
60°	221.6	212.4	212.4	213.2
62.5°	222.4	208.2	207.3	207.3
65°	229.1	205.7	200.7	201.5
67°	237.4	203.2	193.1	192.3
67.5°	240.0	201.5	190.6	189.8
70°	250.0	196.5	178.1	176.4
72.5°	251.7	189.0	165.5	163.9
75°	234.1	178.9	155.5	151.3
77.5°	182.3	153.8	140.5	140.5
80°	127.9	117.9	100.3	99.5
82.5°	93.6	88.6	73.6	71.9
85°	68.6	64.4	54.3	54.3
87.5°	42.6	41.0	35.1	33.4
90°	0.0	0.0	0.0	0.0

(END OF REPORT)