

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: P144875

Luminaire Tested: **LDRL-SL2-F06-E**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P144875  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33701)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMARK  
Catalog Number: LDRL-SL2-F06-E  
Description: RL LED ROADWAY LARGE CUTOFF COBRAHEAD LUMINAIRE  
(6) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL  
Light Source: (42) 4000K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 14502.7 lumens  
Efficiency: N/A  
Efficacy: 92.7 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type II - Short - Non-Cutoff  
BUG Rating: B2 - U0 - G2

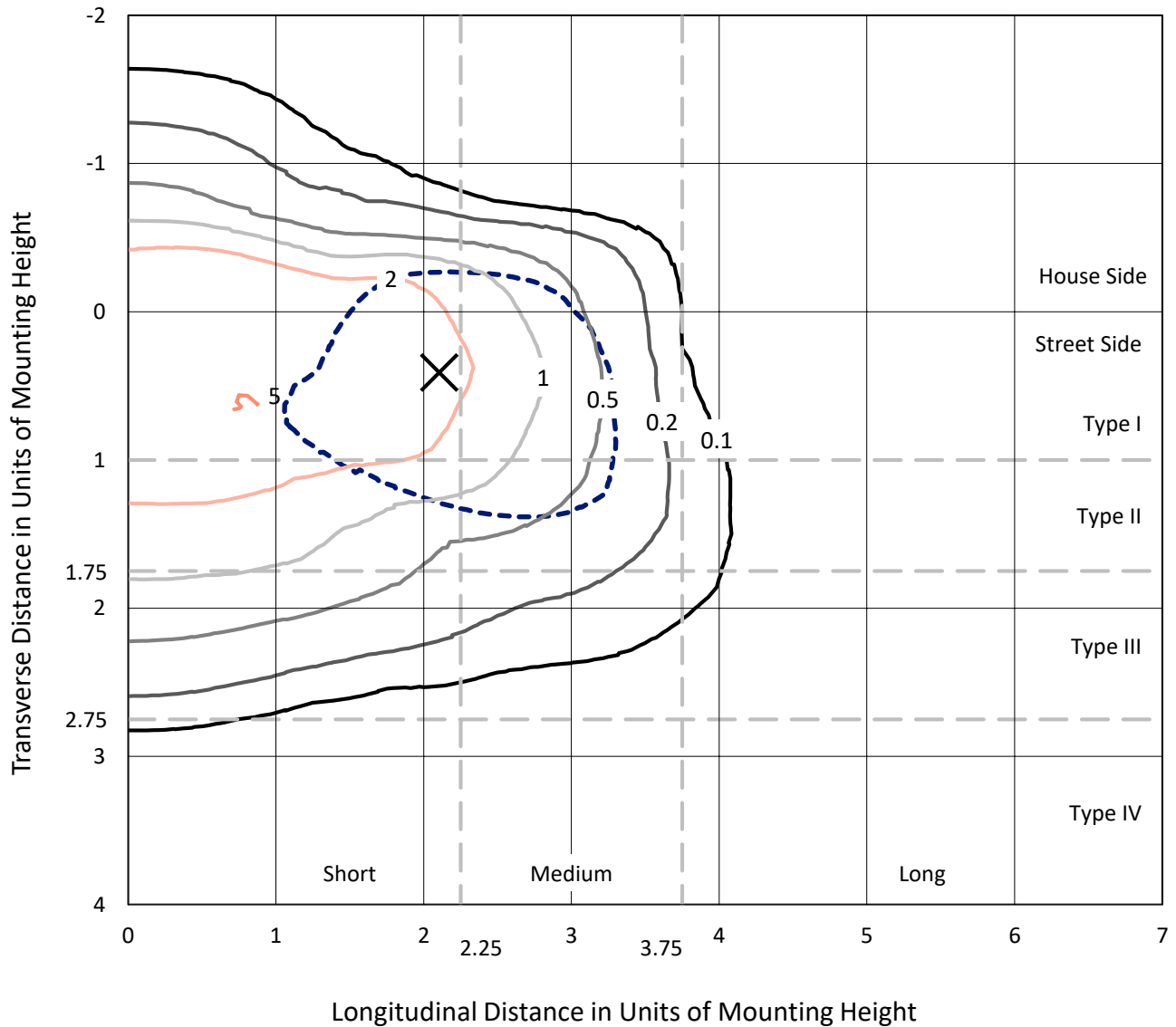
Input Watts (W): 156.5  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Iso-Footcandle Lines of Horizontal Illumination

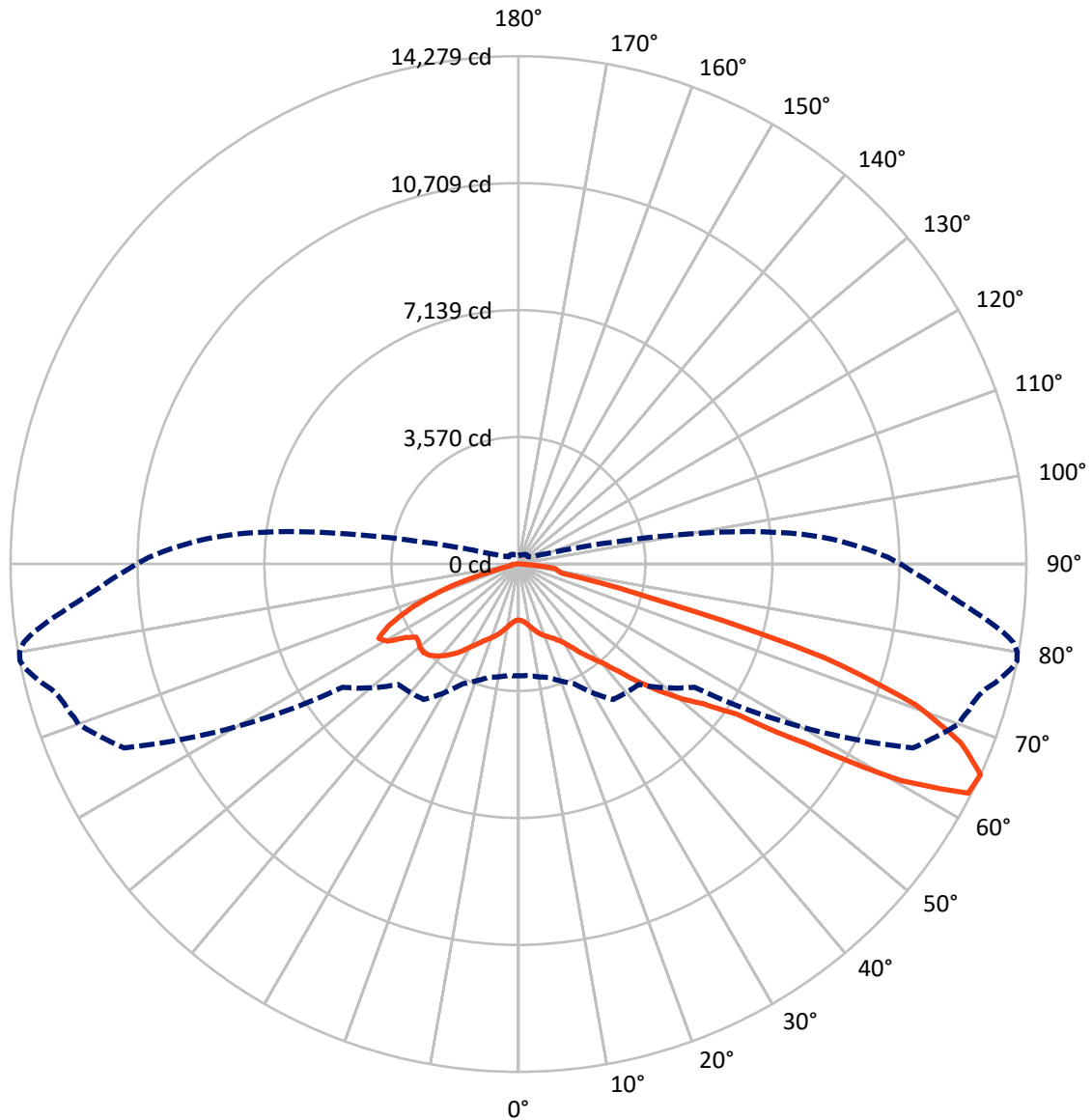
× Max cd  
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 5.1 fc  
 Type II - Short - Non-Cutoff

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### Luminous Intensity Polar Plot



— Vertical Plane Through 79-Deg Lateral      - - - Horizontal Cone Through 65-Deg Vertical

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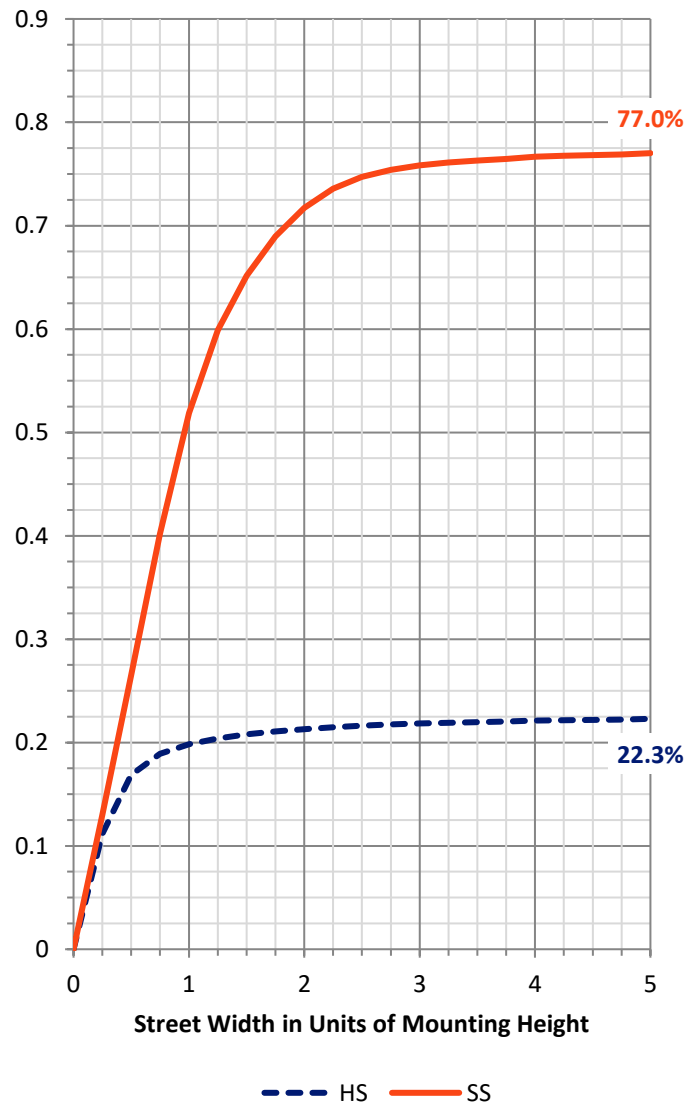
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	3291.9	0.0	3291.9
	% Fixture	22.7	0.0	22.7
<b>Street Side</b>	Lumens	11210.8	0.0	11210.8
	% Fixture	77.3	0.0	77.3
<b>Total</b>	Lumens	14502.7	0.0	14502.7
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	156.5	1.1
10°-20°	509.3	3.5
20°-30°	877.9	6.1
30°-40°	1431.7	9.9
40°-50°	2390.2	16.5
50°-60°	3231.9	22.3
60°-70°	4015.0	27.7
70°-80°	1607.7	11.1
80°-90°	282.5	1.9
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°	14502.7	100.0
0°-180°	14502.7	100.0



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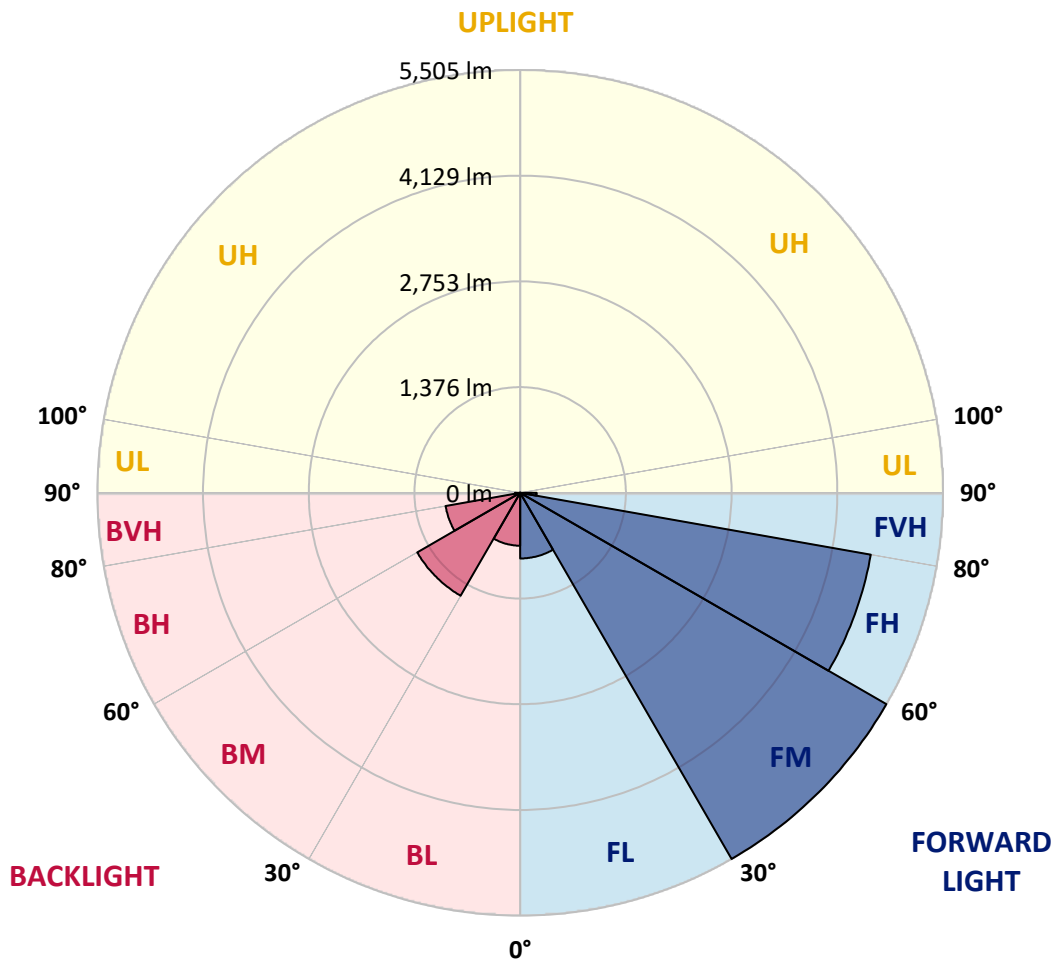
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	855.2	5.9			
FM (30°-60°)	5505.4	38.0			
FH (60°-80°)	4635.9	32.0			G2/5000
FVH (80°-90°)	214.3	1.5			G2/225
BL (0°-30°)	688.5	4.7	B2/1000		
BM (30°-60°)	1548.3	10.7	B2/2500		
BH (60°-80°)	986.9	6.8	B2/1000		G2/1000
BVH (80°-90°)	68.2	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 II Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	70°	71°	72°
0°	1576.1	1576.1	1576.1	1576.1	1576.1	1576.1	1576.1	1576.1	1576.1	1576.1	1576.1
2.5°	1588.0	1587.0	1591.9	1595.9	1595.9	1597.9	1596.9	1591.0	1591.9	1593.9	1591.9
5°	1605.8	1601.8	1606.8	1612.7	1616.7	1621.7	1626.6	1627.6	1631.6	1631.6	1630.6
7.5°	1644.4	1641.5	1648.4	1650.4	1659.3	1667.2	1677.1	1684.1	1688.0	1690.0	1693.0
10°	1710.8	1708.8	1710.8	1714.8	1718.7	1727.7	1744.5	1759.4	1768.3	1768.3	1772.2
12.5°	1791.1	1783.1	1785.1	1777.2	1779.2	1798.0	1817.8	1842.6	1857.4	1859.4	1861.4
15°	1853.5	1849.5	1846.5	1835.6	1843.6	1868.3	1899.0	1934.7	1947.6	1958.5	1957.5
17.5°	1911.9	1907.0	1900.0	1885.2	1893.1	1932.7	1979.3	2018.9	2040.7	2042.7	2044.7
20°	1981.3	1975.3	1962.4	1931.7	1929.7	1985.2	2047.6	2090.2	2110.0	2119.0	2121.9
22.5°	2069.4	2061.5	2037.7	1978.3	1962.4	2027.8	2102.1	2154.6	2175.4	2184.3	2189.3
25°	2182.4	2166.5	2128.9	2035.7	2003.1	2071.4	2160.6	2224.0	2252.7	2261.6	2267.6
27.5°	2284.4	2272.5	2226.9	2117.0	2060.5	2129.9	2231.9	2313.1	2352.7	2363.6	2372.6
30°	2403.3	2386.4	2349.8	2232.9	2157.6	2219.0	2348.8	2451.8	2500.3	2501.3	2521.2
32.5°	2682.6	2671.7	2638.0	2509.3	2382.5	2386.4	2507.3	2648.9	2697.5	2705.4	2723.2
35°	3096.7	3092.7	3091.8	3020.4	2926.3	2829.2	2838.2	2946.1	2978.8	2991.7	2997.6
37.5°	3369.1	3403.8	3488.0	3539.5	3515.7	3536.5	3427.6	3295.8	3277.0	3263.1	3269.1
40°	3603.9	3634.6	3805.0	4042.8	4187.4	4289.4	4193.3	3789.2	3638.6	3595.0	3578.2
42.5°	3742.6	3777.3	4021.0	4401.4	4769.9	5011.6	5037.4	4475.7	4093.3	4088.3	4024.9
45°	3817.9	3852.6	4143.8	4656.0	5177.0	5612.9	5838.8	5320.7	4759.0	4717.4	4629.2
47.5°	3803.0	3835.7	4138.9	4750.1	5417.8	6012.1	6463.9	6174.6	5526.7	5426.7	5304.8
50°	3621.7	3645.5	3963.5	4596.5	5353.4	6178.6	6891.8	6958.2	6395.5	6259.8	6077.5
52.5°	3434.5	3477.1	3740.6	4324.1	5061.1	6075.5	7147.4	7671.4	7206.8	7113.7	6879.9
55°	3333.5	3367.2	3582.1	4080.4	4753.0	5723.9	7253.4	8344.1	8192.5	8154.9	7989.4
57.5°	3329.5	3362.2	3533.6	3932.8	4502.4	5357.3	7284.1	9383.2	9828.0	9837.9	9790.4
60°	3492.0	3525.7	3669.3	4004.1	4425.1	5043.3	7174.1	10857.3	11840.0	11927.2	12072.8
62.5°	3514.8	3530.6	3704.0	4155.7	4706.5	4808.5	6721.4	12084.7	13222.9	13303.2	13383.4
65°	3144.3	3143.3	3296.8	3712.9	4648.0	4784.7	6040.9	12235.3	13167.5	13216.0	13316.0
67.5°	2344.8	2325.0	2412.2	2792.6	3688.1	4790.7	5234.5	11099.0	12141.2	12233.3	12267.0
70°	1208.6	1239.3	1298.7	1531.5	2341.8	3856.5	4496.5	9364.4	10658.2	10692.9	10812.7
72.5°	496.3	483.4	524.0	643.9	1171.9	2548.9	3719.8	7390.1	8802.7	8779.0	8800.8
75°	276.4	280.3	292.2	335.8	569.6	1279.9	3195.8	5231.5	5986.4	5576.3	5452.4
77.5°	221.9	223.9	224.9	232.8	311.1	682.5	2452.8	3445.4	3010.5	2795.6	2713.3
80°	162.5	173.4	185.2	187.2	214.0	387.3	1345.3	2900.6	2541.0	2362.7	2216.0
82.5°	130.8	135.7	161.5	165.4	170.4	230.8	609.2	2724.2	2531.1	2348.8	2146.7
85°	78.3	87.2	131.8	132.7	134.7	140.7	336.8	1109.5	1379.9	1219.5	1116.4
87.5°	27.7	35.7	65.4	54.5	69.3	57.5	147.6	371.5	457.7	434.9	385.4
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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**CANDELA DISTRIBUTION (continued):**

	73°	74°	75°	76°	77°	78°	79°	80°	81°	82°	83°
0°	1576.1	1576.1	1576.1	1576.1	1576.1	1576.1	1576.1	1576.1	1576.1	1576.1	1576.1
2.5°	1591.0	1591.0	1592.9	1591.9	1591.9	1591.9	1591.9	1590.0	1590.0	1587.0	1589.0
5°	1630.6	1629.6	1630.6	1631.6	1630.6	1632.6	1631.6	1630.6	1631.6	1630.6	1631.6
7.5°	1694.0	1689.0	1696.0	1692.0	1691.0	1696.9	1694.0	1696.9	1697.9	1696.9	1696.0
10°	1774.2	1777.2	1777.2	1777.2	1775.2	1781.2	1782.1	1784.1	1785.1	1789.1	1789.1
12.5°	1866.3	1867.3	1871.3	1870.3	1872.3	1879.2	1884.2	1885.2	1886.2	1889.1	1885.2
15°	1965.4	1967.4	1967.4	1976.3	1973.3	1983.2	1986.2	1986.2	1987.2	1999.1	2000.1
17.5°	2053.6	2053.6	2061.5	2061.5	2069.4	2071.4	2080.3	2081.3	2085.3	2096.2	2097.2
20°	2127.9	2131.8	2136.8	2142.7	2145.7	2151.6	2157.6	2163.5	2168.5	2177.4	2178.4
22.5°	2198.2	2202.2	2210.1	2214.1	2221.0	2225.0	2229.9	2236.8	2244.8	2256.7	2259.6
25°	2279.4	2283.4	2292.3	2298.3	2306.2	2312.1	2321.0	2330.0	2334.9	2346.8	2355.7
27.5°	2382.5	2394.4	2406.2	2409.2	2415.2	2429.0	2440.9	2452.8	2463.7	2469.6	2480.5
30°	2533.0	2533.0	2557.8	2557.8	2568.7	2581.6	2589.5	2602.4	2622.2	2628.1	2642.0
32.5°	2735.1	2740.1	2749.0	2775.7	2795.6	2801.5	2807.4	2826.3	2838.2	2853.0	2869.9
35°	3023.4	3028.4	3033.3	3059.1	3081.8	3087.8	3093.7	3105.6	3125.4	3151.2	3143.3
37.5°	3282.0	3284.9	3300.8	3329.5	3342.4	3358.2	3363.2	3385.0	3395.9	3419.7	3420.6
40°	3593.0	3586.1	3595.0	3627.7	3647.5	3646.5	3662.4	3702.0	3709.9	3720.8	3748.5
42.5°	4026.9	4001.2	4028.9	4039.8	4069.5	4088.3	4120.0	4146.8	4165.6	4207.2	4227.0
45°	4587.6	4560.9	4583.6	4588.6	4650.0	4668.8	4716.4	4752.1	4792.7	4840.2	4854.1
47.5°	5226.6	5177.0	5149.3	5180.0	5253.3	5284.0	5330.6	5364.3	5406.9	5431.6	5423.7
50°	5966.6	5847.7	5792.2	5776.4	5828.9	5872.5	5944.8	5960.6	5980.4	5979.4	5980.4
52.5°	6791.8	6667.9	6552.0	6471.8	6463.9	6522.3	6540.1	6544.1	6538.2	6493.6	6465.8
55°	7869.6	7860.6	7738.8	7572.4	7561.5	7554.5	7450.5	7437.6	7413.9	7345.5	7251.4
57.5°	9825.1	9924.1	9843.9	9839.9	9752.8	9695.3	9504.1	9409.0	9308.9	9123.7	8976.1
60°	12085.7	12229.3	12308.6	12343.2	12513.6	12513.6	12357.1	12222.4	12059.9	11777.6	11502.2
62.5°	13446.8	13572.6	13689.5	13872.8	14089.7	14185.8	14193.7	14073.9	13868.8	13546.9	13157.5
65°	13360.6	13453.7	13595.4	13811.4	13990.7	14163.0	14278.9	14242.3	14085.8	13763.8	13339.8
67.5°	12384.9	12520.6	12703.8	12903.0	13069.4	13231.8	13419.1	13432.9	13391.3	13085.2	12701.9
70°	10879.1	11053.4	11169.4	11420.0	11495.3	11659.7	11847.9	11938.1	11870.7	11634.9	11410.1
72.5°	8838.4	8976.1	8995.9	8886.9	8924.6	8965.2	9010.8	8799.8	8718.5	8403.5	8258.9
75°	5359.3	5178.0	5025.5	4873.9	4421.2	4260.7	4014.0	3527.6	3472.2	3138.3	2906.5
77.5°	2548.9	2472.6	2334.9	2104.1	1797.0	1502.8	1247.2	1013.4	926.2	762.8	649.9
80°	2133.8	2042.7	1918.9	1747.5	1532.5	1318.5	1116.4	943.1	768.7	626.1	500.3
82.5°	1957.5	1799.0	1624.6	1477.0	1325.5	1179.8	1044.1	887.6	795.5	641.9	524.0
85°	989.6	866.8	702.4	591.4	499.3	406.2	351.7	300.2	267.5	213.0	185.2
87.5°	331.9	271.4	202.1	171.4	154.5	132.7	121.8	115.9	112.9	100.1	89.2
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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**CANDELA DISTRIBUTION (continued):**

	84°	85°	86°	87°	88°	89°	90°	91°	92°	93°	94°
0°	1576.1	1576.1	1576.1	1576.1	1576.1	1576.1	1576.1	1576.1	1576.1	1576.1	1576.1
2.5°	1589.0	1589.0	1589.0	1589.0	1588.0	1588.0	1588.0	1588.0	1588.0	1588.0	1589.0
5°	1629.6	1629.6	1630.6	1633.5	1627.6	1629.6	1631.6	1628.6	1631.6	1628.6	1632.6
7.5°	1695.0	1697.9	1696.0	1699.9	1697.9	1703.9	1699.9	1696.9	1698.9	1698.9	1699.9
10°	1787.1	1791.1	1788.1	1790.1	1790.1	1794.0	1789.1	1790.1	1791.1	1789.1	1790.1
12.5°	1889.1	1891.1	1890.1	1896.1	1893.1	1896.1	1893.1	1897.1	1899.0	1901.0	1901.0
15°	2000.1	2002.1	2008.0	2007.0	2013.0	2011.0	2012.0	2007.0	2016.9	2011.0	2013.0
17.5°	2102.1	2101.1	2109.1	2112.0	2113.0	2114.0	2117.0	2113.0	2114.0	2117.0	2115.0
20°	2181.4	2188.3	2190.3	2198.2	2204.2	2206.1	2205.1	2208.1	2212.1	2208.1	2208.1
22.5°	2265.6	2275.5	2278.4	2283.4	2289.3	2290.3	2296.3	2299.3	2301.2	2300.2	2301.2
25°	2366.6	2373.5	2380.5	2390.4	2397.3	2398.3	2403.3	2407.2	2408.2	2407.2	2413.2
27.5°	2490.4	2499.4	2508.3	2520.2	2528.1	2530.1	2541.0	2541.0	2546.9	2549.9	2551.9
30°	2649.9	2652.9	2675.7	2687.6	2684.6	2698.5	2713.3	2712.3	2719.3	2721.3	2726.2
32.5°	2881.7	2881.7	2901.6	2916.4	2932.3	2927.3	2950.1	2946.1	2957.0	2963.0	2960.0
35°	3163.1	3173.0	3187.8	3196.8	3213.6	3222.5	3238.4	3247.3	3252.2	3251.2	3240.4
37.5°	3453.3	3469.2	3475.1	3496.9	3513.8	3528.6	3530.6	3520.7	3524.7	3504.8	3498.9
40°	3785.2	3808.0	3821.9	3854.5	3852.6	3871.4	3873.4	3844.6	3839.7	3813.9	3787.2
42.5°	4248.8	4280.5	4291.4	4316.2	4296.4	4305.3	4255.7	4243.9	4204.2	4162.6	4102.2
45°	4873.9	4858.0	4865.0	4858.0	4805.5	4766.9	4726.3	4667.8	4609.4	4529.2	4443.0
47.5°	5423.7	5431.6	5380.1	5347.4	5262.2	5207.7	5133.4	5031.4	4960.1	4852.1	4738.2
50°	5957.6	5869.5	5797.2	5721.9	5646.6	5546.5	5434.6	5344.4	5240.4	5105.7	4966.0
52.5°	6391.5	6277.6	6190.4	6083.5	5981.4	5870.5	5753.6	5622.8	5486.1	5351.4	5179.0
55°	7160.3	6994.8	6882.9	6695.7	6579.8	6424.2	6333.1	6163.7	5973.5	5795.2	5611.9
57.5°	8809.7	8562.0	8434.2	8328.2	8147.9	7892.3	7729.9	7451.5	7180.1	6989.9	6684.8
60°	11294.2	11042.6	10830.6	10579.9	10303.5	9956.8	9802.3	9474.4	9086.1	8772.0	8368.8
62.5°	12842.5	12494.8	12151.1	11799.4	11522.0	11250.6	10930.6	10599.7	10215.4	9788.4	9347.6
65°	12904.9	12487.9	12076.8	11718.2	11393.2	11040.6	10740.4	10404.6	10000.4	9560.6	9102.9
67.5°	12257.1	11790.5	11349.6	10956.4	10584.9	10258.0	9943.9	9627.9	9195.0	8826.5	8357.9
70°	10966.3	10540.3	10141.1	9693.3	9409.0	9041.5	8735.4	8402.5	8092.5	7747.7	7308.9
72.5°	8054.8	7733.8	7278.2	7088.0	6935.4	6546.1	6318.2	6290.5	6092.4	5679.3	5351.4
75°	2995.7	2549.9	2415.2	2495.4	2361.7	2406.2	2389.4	2294.3	2298.3	2227.9	2144.7
77.5°	586.5	544.8	512.2	521.1	484.4	468.6	502.2	492.3	474.5	479.5	471.5
80°	399.2	337.8	306.1	294.2	279.4	272.4	270.4	267.5	261.5	258.6	249.6
82.5°	393.3	292.2	230.8	198.1	186.2	180.3	175.3	174.4	172.4	171.4	174.4
85°	156.5	126.8	115.9	106.0	103.0	100.1	100.1	99.1	98.1	100.1	104.0
87.5°	76.3	64.4	58.4	53.5	51.5	50.5	50.5	51.5	52.5	56.5	64.4
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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**CANDELA DISTRIBUTION (continued):**

	95°	96°	97°	98°	99°	100°	101°	102°	103°	104°	105°
0°	1576.1	1576.1	1576.1	1576.1	1576.1	1576.1	1576.1	1576.1	1576.1	1576.1	1576.1
2.5°	1587.0	1588.0	1586.0	1587.0	1586.0	1584.0	1583.0	1586.0	1585.0	1584.0	1584.0
5°	1627.6	1631.6	1629.6	1627.6	1627.6	1626.6	1626.6	1626.6	1625.6	1626.6	1623.6
7.5°	1697.9	1696.9	1696.9	1695.0	1693.0	1695.0	1694.0	1691.0	1692.0	1690.0	1687.0
10°	1788.1	1785.1	1790.1	1790.1	1786.1	1785.1	1783.1	1780.2	1780.2	1777.2	1777.2
12.5°	1895.1	1892.1	1899.0	1894.1	1888.1	1887.1	1881.2	1879.2	1882.2	1881.2	1879.2
15°	2004.0	2005.0	2008.0	2007.0	2000.1	2000.1	1992.2	1993.1	1987.2	1985.2	1980.3
17.5°	2110.0	2111.0	2108.1	2108.1	2103.1	2100.1	2091.2	2092.2	2088.2	2080.3	2074.4
20°	2205.1	2204.2	2197.2	2203.2	2193.3	2191.3	2183.3	2175.4	2177.4	2169.5	2157.6
22.5°	2298.3	2296.3	2294.3	2291.3	2286.4	2284.4	2275.5	2274.5	2264.6	2252.7	2242.8
25°	2406.2	2405.2	2402.3	2403.3	2393.4	2394.4	2378.5	2374.5	2368.6	2355.7	2347.8
27.5°	2545.9	2545.9	2538.0	2535.0	2532.1	2528.1	2514.2	2504.3	2489.5	2474.6	2458.7
30°	2717.3	2715.3	2713.3	2705.4	2694.5	2688.6	2663.8	2648.0	2628.1	2600.4	2576.6
32.5°	2962.0	2945.1	2931.3	2913.4	2895.6	2876.8	2838.2	2811.4	2779.7	2735.1	2697.5
35°	3234.4	3205.7	3190.8	3154.2	3120.5	3082.8	3036.3	2981.8	2938.2	2879.8	2818.3
37.5°	3459.3	3437.5	3397.9	3356.3	3308.7	3237.4	3184.9	3126.4	3050.1	2985.8	2911.5
40°	3736.7	3687.1	3630.7	3561.3	3495.9	3415.7	3343.4	3259.2	3166.1	3072.9	2975.9
42.5°	4027.9	3951.6	3858.5	3778.3	3679.2	3574.2	3480.1	3366.2	3247.3	3122.5	2992.7
45°	4325.1	4231.0	4107.2	3993.2	3855.5	3723.8	3589.1	3433.5	3271.1	3104.6	2941.2
47.5°	4597.5	4459.8	4319.1	4165.6	4007.1	3837.7	3646.5	3442.4	3228.5	3009.5	2805.5
50°	4811.5	4639.1	4461.8	4284.5	4090.3	3870.4	3629.7	3363.2	3099.7	2837.2	2602.4
52.5°	5000.7	4807.5	4589.6	4369.7	4129.9	3859.5	3558.3	3244.3	2923.3	2633.1	2369.6
55°	5367.2	5124.5	4837.2	4553.9	4250.8	3910.0	3534.6	3150.2	2780.7	2464.7	2184.3
57.5°	6362.8	6034.9	5590.1	5196.8	4812.5	4316.2	3787.2	3313.7	2843.1	2469.6	2157.6
60°	7931.0	7397.0	6887.8	6288.5	5666.4	4985.8	4276.5	3638.6	3065.0	2596.4	2221.0
62.5°	8840.4	8276.7	7621.9	6895.8	6089.4	5260.2	4445.9	3701.0	3071.9	2561.8	2145.7
65°	8594.7	8028.1	7307.9	6564.9	5707.0	4859.0	4050.7	3335.5	2725.2	2253.7	1855.4
67.5°	7865.6	7273.2	6596.6	5772.4	4952.2	4166.6	3429.6	2755.9	2216.0	1776.2	1424.5
70°	6804.6	6277.6	5625.8	4866.0	4070.5	3364.2	2743.1	2135.8	1679.1	1275.9	998.6
72.5°	5050.2	4583.6	4176.5	3541.5	2959.0	2405.2	1899.0	1485.9	1092.7	826.2	636.0
75°	2119.9	1962.4	1896.1	1663.3	1446.3	1185.8	892.6	711.3	576.5	490.4	389.3
77.5°	514.1	514.1	483.4	452.7	416.1	376.4	332.9	297.2	279.4	263.5	250.6
80°	249.6	247.7	239.7	238.7	231.8	222.9	217.9	211.0	208.0	204.1	202.1
82.5°	175.3	174.4	171.4	175.3	174.4	178.3	180.3	181.3	181.3	182.3	183.3
85°	111.0	114.9	122.8	132.7	141.7	152.6	162.5	170.4	176.3	181.3	185.2
87.5°	70.3	80.2	86.2	101.0	115.9	132.7	151.6	159.5	166.4	167.4	161.5
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: LDRL-SL2-F06-E

**CANDELA DISTRIBUTION (continued):**

	106°	107°	108°	109°	110°	115°	125°	135°	145°	155°	165°
0°	1576.1	1576.1	1576.1	1576.1	1576.1	1576.1	1576.1	1576.1	1576.1	1576.1	1576.1
2.5°	1584.0	1583.0	1585.0	1583.0	1583.0	1582.0	1579.1	1576.1	1573.1	1572.1	1569.2
5°	1622.7	1622.7	1624.6	1620.7	1621.7	1617.7	1608.8	1598.9	1590.0	1582.0	1573.1
7.5°	1688.0	1685.1	1686.1	1685.1	1683.1	1675.2	1655.3	1630.6	1606.8	1582.0	1562.2
10°	1775.2	1769.3	1769.3	1767.3	1764.3	1753.4	1711.8	1662.3	1612.7	1568.2	1535.5
12.5°	1872.3	1873.3	1865.4	1860.4	1855.4	1832.7	1770.3	1691.0	1612.7	1541.4	1488.9
15°	1973.3	1972.3	1963.4	1960.5	1949.6	1915.9	1821.8	1705.9	1593.9	1488.9	1410.7
17.5°	2064.5	2060.5	2051.6	2045.7	2033.8	1989.2	1856.4	1698.9	1544.4	1406.7	1308.6
20°	2147.7	2142.7	2134.8	2123.9	2112.0	2047.6	1869.3	1663.3	1466.1	1308.6	1209.6
22.5°	2233.9	2223.0	2214.1	2199.2	2186.3	2100.1	1860.4	1599.9	1377.0	1199.7	1093.7
25°	2330.0	2317.1	2298.3	2280.4	2260.6	2142.7	1835.6	1520.6	1270.0	1081.8	974.8
27.5°	2434.0	2415.2	2390.4	2367.6	2335.9	2174.4	1793.0	1432.5	1153.1	964.9	853.9
30°	2543.9	2509.3	2478.6	2443.9	2403.3	2189.3	1731.6	1323.5	1024.3	846.0	735.0
32.5°	2650.9	2604.4	2558.8	2508.3	2452.8	2183.3	1644.4	1194.7	895.5	735.0	641.9
35°	2759.9	2692.5	2629.1	2560.8	2493.4	2153.6	1524.6	1052.0	773.7	642.9	575.6
37.5°	2834.2	2750.0	2665.8	2583.6	2502.3	2089.2	1365.1	892.6	663.7	576.5	528.0
40°	2871.8	2768.8	2665.8	2563.8	2463.7	1982.3	1178.8	746.9	585.5	527.0	492.3
42.5°	2860.9	2733.1	2605.4	2484.5	2361.7	1811.9	976.8	627.1	531.0	488.4	457.7
45°	2770.8	2618.2	2472.6	2344.8	2191.3	1592.9	802.4	552.8	489.4	456.7	428.0
47.5°	2601.4	2431.0	2252.7	2108.1	1964.4	1339.3	667.7	506.2	452.7	426.0	397.2
50°	2385.4	2188.3	2010.0	1853.5	1712.8	1102.6	575.6	466.6	423.0	400.2	369.5
52.5°	2147.7	1935.7	1773.2	1608.8	1471.1	920.3	511.2	423.0	394.3	370.5	345.7
55°	1950.6	1754.4	1589.0	1423.5	1284.8	805.4	457.7	389.3	367.5	342.8	322.9
57.5°	1898.0	1674.2	1493.9	1337.4	1194.7	735.0	419.0	358.6	343.7	324.9	303.1
60°	1919.8	1673.2	1471.1	1299.7	1150.1	678.6	390.3	337.8	325.9	309.1	286.3
62.5°	1841.6	1581.0	1377.0	1194.7	1053.0	607.3	369.5	327.9	320.0	297.2	271.4
65°	1569.2	1330.4	1134.3	976.8	854.9	511.2	352.7	336.8	328.9	289.3	261.5
67.5°	1194.7	995.6	838.1	720.2	632.0	423.0	348.7	366.5	350.7	293.2	258.6
70°	826.2	675.6	574.6	503.2	447.8	356.6	361.6	399.2	376.4	306.1	275.4
72.5°	524.0	437.9	388.3	361.6	334.8	301.2	358.6	395.3	364.6	308.1	275.4
75°	335.8	300.2	283.3	273.4	265.5	262.5	316.0	324.9	293.2	267.5	256.6
77.5°	237.8	231.8	228.8	227.8	228.8	235.8	261.5	244.7	213.0	214.0	219.9
80°	201.1	201.1	199.1	200.1	202.1	205.1	209.0	180.3	163.5	176.3	196.1
82.5°	184.3	187.2	189.2	191.2	194.2	190.2	177.3	136.7	131.8	171.4	192.2
85°	187.2	187.2	188.2	190.2	191.2	171.4	147.6	103.0	101.0	192.2	181.3
87.5°	160.5	158.5	151.6	146.6	139.7	117.9	98.1	57.5	59.4	118.9	126.8
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: LDRL-SL2-F06-E

**CANDELA DISTRIBUTION (continued):**

	175°	180°
0°	1576.1	1576.1
2.5°	1568.2	1568.2
5°	1568.2	1568.2
7.5°	1555.3	1551.3
10°	1517.6	1512.7
12.5°	1460.2	1455.2
15°	1372.0	1366.1
17.5°	1262.1	1252.2
20°	1147.1	1133.3
22.5°	1032.2	1021.3
25°	914.4	904.4
27.5°	798.4	788.5
30°	691.5	687.5
32.5°	612.2	608.2
35°	553.8	551.8
37.5°	514.1	512.2
40°	479.5	477.5
42.5°	447.8	444.8
45°	416.1	417.1
47.5°	384.4	383.4
50°	356.6	356.6
52.5°	333.8	332.9
55°	313.0	312.0
57.5°	292.2	291.2
60°	274.4	271.4
62.5°	257.6	255.6
65°	246.7	245.7
67.5°	238.7	235.8
70°	236.8	228.8
72.5°	230.8	220.9
75°	216.9	212.0
77.5°	191.2	185.2
80°	147.6	136.7
82.5°	123.8	107.0
85°	91.1	84.2
87.5°	66.4	52.5
90°	0.0	0.0

(END OF REPORT)