

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: P146371

Luminaire Tested: **LDRL-T2-E06-E-7050**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P146371  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33694)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMARK  
Catalog Number: LDRL-T2-E06-E-7050  
Description: RL LED ROADWAY LARGE CUTOFF COBRAHEAD LUMINAIRE  
(6) LIGHTBARS WITH AccuLED OPTICS - TYPE 2  
Light Source: (126) 5000K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 18461.1 lumens  
Efficiency: N/A  
Efficacy: 122.7 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type II - Short - Semi-Cutoff  
BUG Rating: B3 - U0 - G3

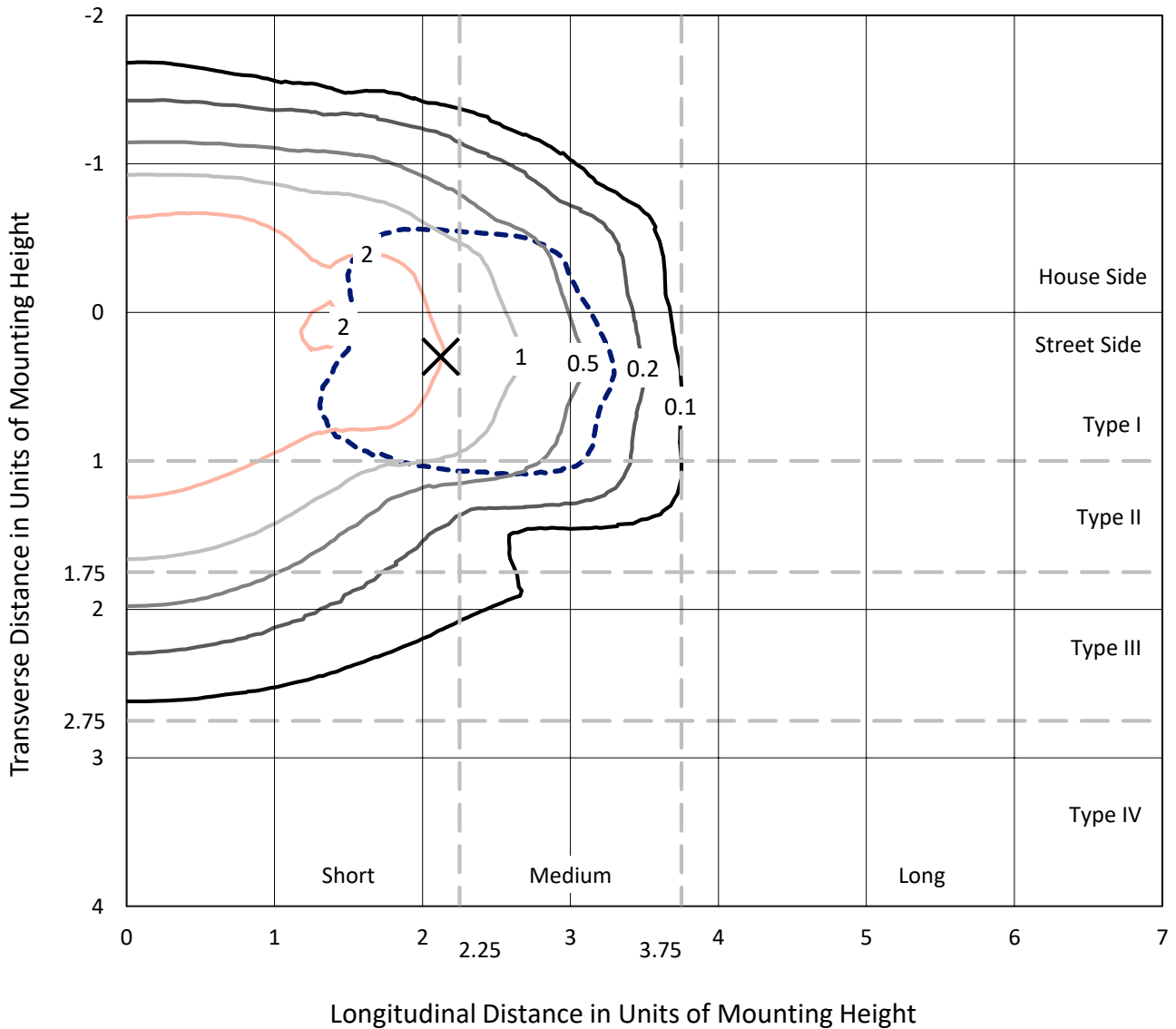
Input Watts (W): 150.5  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Iso-Footcandle Lines of Horizontal Illumination

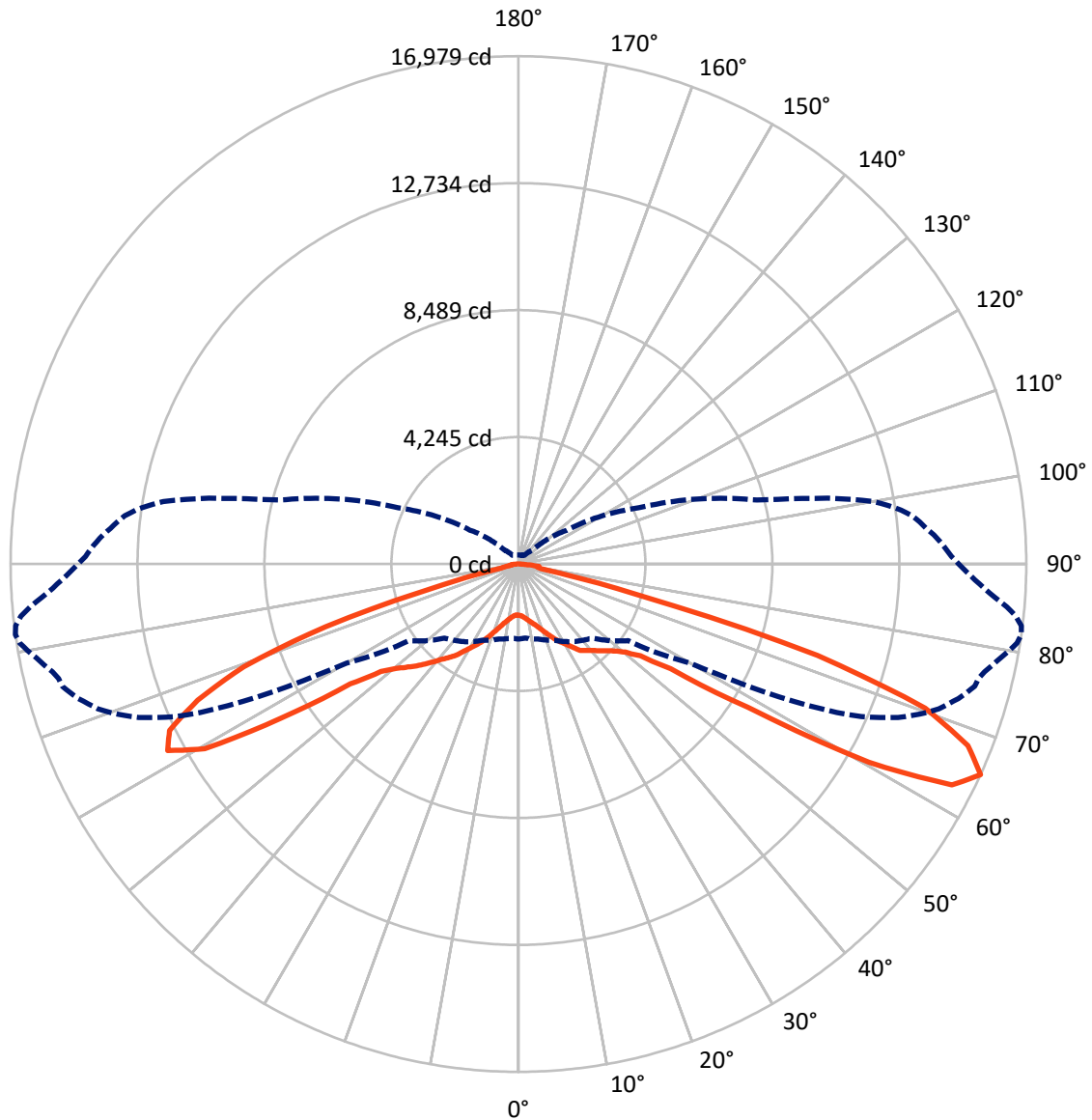
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 3.5 fc  
 Type II - Short - Semi-Cutoff

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### Luminous Intensity Polar Plot



— Vertical Plane Through 82-Deg Lateral      - - - Horizontal Cone Through 65-Deg Vertical

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	6795.7	0.0	6795.7
	% Fixture	36.8	0.0	36.8
<b>Street Side</b>	Lumens	11665.4	0.0	11665.4
	% Fixture	63.2	0.0	63.2
<b>Total</b>	Lumens	18461.1	0.0	18461.1
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	173.5	0.9
10°-20°	611.4	3.3
20°-30°	1212.6	6.6
30°-40°	2069.1	11.2
40°-50°	3102.6	16.8
50°-60°	4318.7	23.4
60°-70°	4961.6	26.9
70°-80°	1712.2	9.3
80°-90°	299.4	1.6
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°	18461.1	100.0
0°-180°	18461.1	100.0



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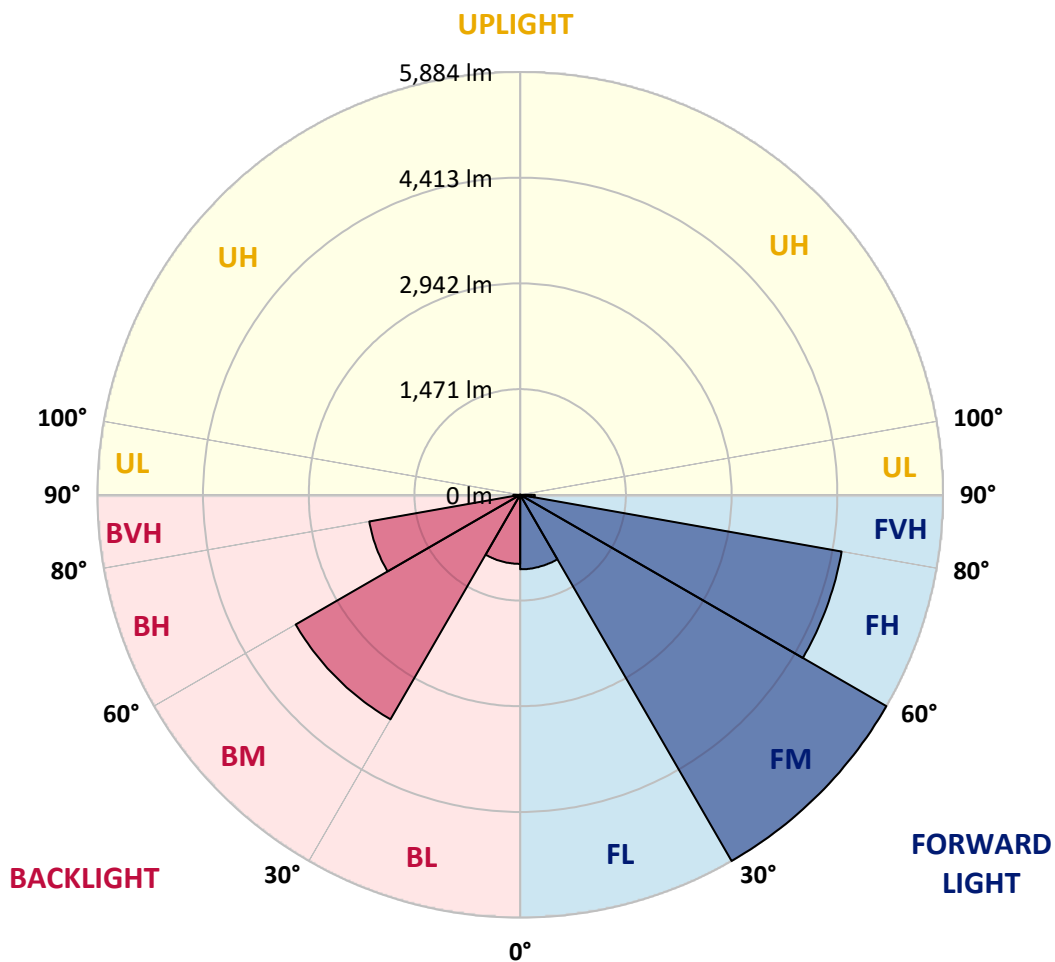
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1036.3	5.6			
FM (30°-60°)	5883.8	31.9			
FH (60°-80°)	4542.0	24.6			G2/5000
FVH (80°-90°)	203.4	1.1			G2/225
BL (0°-30°)	961.2	5.2	B2/1000		
BM (30°-60°)	3606.6	19.5	B3/5000		
BH (60°-80°)	2131.7	11.5	B3/2500		G3/2500
BVH (80°-90°)	96.1	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B3-U0-G3**

Type II Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	60°	61°	62°	64°
0°	1710.3	1710.3	1710.3	1710.3	1710.3	1710.3	1710.3	1710.3	1710.3	1710.3	1710.3
2.5°	1805.1	1803.9	1802.7	1797.7	1795.3	1785.4	1775.6	1769.4	1764.5	1767.0	1759.6
5°	1909.8	1909.8	1904.9	1898.7	1891.3	1877.8	1853.1	1840.8	1838.4	1838.4	1829.8
7.5°	2016.9	2024.3	2010.8	2005.8	1993.5	1972.6	1944.3	1928.3	1923.3	1923.3	1915.9
10°	2152.4	2148.7	2133.9	2124.0	2099.4	2071.1	2032.9	2014.5	2007.1	2013.2	2000.9
12.5°	2295.2	2294.0	2271.8	2253.3	2218.9	2173.3	2122.8	2098.2	2093.3	2093.3	2085.9
15°	2440.5	2441.7	2417.1	2382.6	2328.4	2266.9	2210.2	2186.8	2180.7	2178.2	2169.6
17.5°	2551.3	2563.6	2539.0	2494.7	2428.2	2360.5	2300.1	2276.7	2275.5	2273.0	2263.2
20°	2614.1	2616.6	2603.0	2571.0	2511.9	2446.6	2404.8	2393.7	2392.5	2393.7	2396.2
22.5°	2611.6	2615.3	2610.4	2598.1	2559.9	2524.2	2519.3	2525.5	2529.1	2525.5	2534.1
25°	2591.9	2596.9	2596.9	2603.0	2593.2	2605.5	2644.9	2662.1	2663.4	2665.8	2684.3
27.5°	2635.0	2640.0	2638.7	2649.8	2658.4	2701.5	2772.9	2803.7	2807.4	2816.0	2833.3
30°	2834.5	2835.7	2813.6	2812.3	2821.0	2855.4	2928.1	2963.8	2960.1	2977.3	2988.4
32.5°	3149.7	3159.6	3137.4	3114.0	3110.3	3115.3	3128.8	3153.4	3149.7	3158.4	3173.1
35°	3509.3	3510.5	3498.2	3511.7	3519.1	3485.9	3421.9	3415.7	3396.0	3399.7	3404.6
37.5°	3839.3	3847.9	3871.3	3957.5	4006.7	3925.5	3799.9	3721.1	3708.8	3702.6	3659.5
40°	4148.3	4191.4	4248.1	4360.1	4427.9	4457.4	4278.9	4120.0	4076.9	4059.7	3992.0
42.5°	4510.3	4532.5	4599.0	4727.1	4816.9	4951.2	4831.7	4656.9	4606.4	4532.5	4447.6
45°	4816.9	4831.7	4873.6	4981.9	5170.3	5394.4	5408.0	5286.1	5246.7	5172.8	5048.4
47.5°	5022.6	5021.3	5052.1	5158.0	5403.1	5745.4	5948.5	5943.6	5898.1	5872.2	5766.3
50°	5102.6	5101.4	5121.1	5239.3	5506.5	5954.7	6402.9	6556.8	6555.6	6565.4	6511.3
52.5°	5117.4	5116.2	5118.6	5213.4	5485.6	6027.3	6730.4	7093.7	7146.6	7213.1	7273.4
55°	5006.6	5018.9	5046.0	5145.7	5406.8	5997.8	6973.0	7597.3	7724.1	7859.6	8078.7
57.5°	4750.5	4773.9	4867.4	5046.0	5323.0	5925.1	7141.7	8220.3	8477.7	8805.2	9398.7
60°	4383.5	4404.5	4533.7	4770.2	5079.2	5608.7	6945.9	8481.4	8970.2	9539.1	10755.6
62.5°	3734.6	3793.7	3862.7	4030.1	4354.0	4780.0	6066.7	8040.6	8797.8	9632.7	11307.3
65°	2508.2	2483.6	2598.1	2811.1	3167.0	3498.2	4469.7	6631.9	7589.9	8738.7	10811.0
67.5°	1552.7	1556.4	1634.0	1842.1	2110.5	2367.8	2833.3	4227.1	5076.8	6168.9	8661.2
70°	1283.0	1297.8	1360.6	1553.9	1783.0	2073.6	2103.1	2241.0	2621.5	3149.7	5350.1
72.5°	1018.3	1024.5	1088.5	1249.8	1573.6	1972.6	2497.1	1702.9	1673.4	1753.4	2713.8
75°	631.7	636.6	668.6	772.0	1020.8	1536.7	2749.6	1957.8	1834.7	1731.2	1748.5
77.5°	326.3	336.2	353.4	400.2	535.6	858.2	2164.7	2482.4	2342.0	2201.6	1927.0
80°	184.7	184.7	200.7	211.8	253.7	349.7	1100.8	2686.8	2935.5	2995.8	2690.4
82.5°	82.5	92.3	124.4	133.0	145.3	160.1	364.5	1614.3	2239.8	2797.6	3457.6
85°	49.3	48.0	78.8	86.2	89.9	76.3	136.7	658.8	1046.6	1531.8	2291.5
87.5°	19.7	20.9	33.2	35.7	41.9	30.8	51.7	141.6	208.1	301.7	426.0
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):**

	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°
0°	1710.3	1710.3	1710.3	1710.3	1710.3	1710.3	1710.3	1710.3	1710.3	1710.3	1710.3
2.5°	1758.3	1758.3	1757.1	1755.9	1754.6	1750.9	1749.7	1747.3	1746.0	1742.3	1741.1
5°	1828.5	1824.8	1823.6	1821.1	1819.9	1815.0	1815.0	1810.0	1806.4	1801.4	1800.2
7.5°	1912.3	1907.3	1903.6	1901.2	1899.9	1891.3	1891.3	1883.9	1882.7	1876.5	1874.1
10°	1997.2	1993.5	1988.6	1986.1	1984.9	1980.0	1975.0	1970.1	1966.4	1962.7	1957.8
12.5°	2082.2	2074.8	2072.3	2068.6	2066.2	2062.5	2061.2	2050.2	2050.2	2046.5	2041.5
15°	2164.7	2163.4	2154.8	2153.6	2151.1	2152.4	2145.0	2146.2	2142.5	2136.4	2133.9
17.5°	2265.6	2257.0	2260.7	2254.6	2255.8	2253.3	2250.9	2249.6	2252.1	2250.9	2253.3
20°	2391.2	2388.8	2392.5	2383.8	2392.5	2393.7	2391.2	2397.4	2394.9	2397.4	2390.0
22.5°	2540.2	2531.6	2531.6	2537.8	2541.5	2552.5	2546.4	2551.3	2556.2	2559.9	2555.0
25°	2690.4	2688.0	2692.9	2697.8	2705.2	2715.1	2712.6	2713.8	2723.7	2729.9	2731.1
27.5°	2843.1	2843.1	2857.9	2857.9	2867.8	2878.8	2882.5	2887.5	2894.8	2903.5	2903.5
30°	3000.7	3000.7	3014.3	3026.6	3031.5	3045.1	3052.5	3059.8	3073.4	3075.9	3086.9
32.5°	3180.5	3184.2	3197.8	3205.1	3216.2	3232.2	3234.7	3243.3	3259.3	3264.2	3272.9
35°	3414.5	3402.2	3414.5	3428.0	3434.2	3429.2	3456.3	3467.4	3478.5	3484.7	3495.7
37.5°	3655.8	3634.9	3636.1	3633.6	3618.9	3627.5	3627.5	3625.0	3632.4	3631.2	3636.1
40°	3961.2	3924.2	3913.2	3889.8	3857.7	3840.5	3822.0	3819.6	3801.1	3808.5	3794.9
42.5°	4379.8	4324.4	4294.9	4222.2	4182.8	4136.0	4090.5	4051.1	4030.1	4006.7	3989.5
45°	4954.9	4889.6	4818.2	4701.2	4633.5	4539.9	4479.6	4389.7	4329.3	4278.9	4243.2
47.5°	5676.4	5566.8	5509.0	5399.4	5281.2	5139.6	5010.3	4884.7	4782.5	4671.7	4584.2
50°	6514.9	6378.3	6332.7	6187.4	6120.9	5962.1	5824.2	5669.0	5509.0	5341.5	5181.4
52.5°	7257.4	7241.4	7259.9	7162.6	7160.2	7080.1	6927.4	6746.4	6597.4	6428.8	6218.2
55°	8147.7	8306.5	8341.0	8327.5	8400.1	8397.6	8382.9	8364.4	8246.2	8007.3	7934.7
57.5°	9718.9	9897.4	10160.9	10280.3	10543.8	10574.6	10818.4	10723.6	10904.6	10855.4	10888.6
60°	11318.4	11866.3	12366.2	12746.7	13116.1	13452.2	13863.5	14039.6	14171.3	14377.0	14593.7
62.5°	12033.8	12724.5	13320.5	13862.3	14321.6	14747.6	15101.0	15435.9	15699.4	15935.8	16118.1
65°	11744.4	12546.0	13127.2	13692.4	14120.9	14517.3	14868.3	15119.5	15381.7	15596.0	15789.3
67.5°	9778.0	10845.5	11604.0	12245.5	12783.6	13235.5	13600.0	13946.0	14131.9	14365.9	14470.5
70°	6476.8	7846.0	8918.5	9785.4	10638.7	11150.9	11583.1	11985.7	12197.5	12387.1	12504.1
72.5°	3557.3	4493.1	5638.2	6668.9	7488.9	8161.2	8664.8	9046.6	9264.5	9427.0	9258.3
75°	2015.7	2477.4	3037.7	3607.8	4229.6	4703.7	4836.7	4999.2	5037.4	4953.6	4736.9
77.5°	1853.1	1853.1	1854.4	1840.8	1867.9	1901.2	1881.5	1848.2	1698.0	1664.8	1618.0
80°	2409.7	2147.4	1866.7	1533.0	1249.8	1054.0	993.7	998.6	1046.6	1140.2	1243.6
82.5°	3415.7	3157.1	2752.0	2243.5	1785.4	1401.2	1148.8	1033.1	1031.9	1125.4	1259.6
85°	2491.0	2511.9	2422.0	2142.5	1709.1	1345.8	1087.3	834.8	753.6	753.6	743.7
87.5°	435.9	449.4	387.9	347.2	242.6	171.2	153.9	135.4	134.2	139.1	128.1
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):**

	76°	77°	78°	79°	80°	81°	82°	83°	84°	85°	86°
0°	1710.3	1710.3	1710.3	1710.3	1710.3	1710.3	1710.3	1710.3	1710.3	1710.3	1710.3
2.5°	1741.1	1738.6	1736.2	1734.9	1734.9	1732.5	1732.5	1730.0	1731.2	1730.0	1726.3
5°	1797.7	1796.5	1792.8	1786.7	1785.4	1780.5	1781.7	1776.8	1776.8	1774.3	1768.2
7.5°	1869.2	1866.7	1864.2	1859.3	1854.4	1854.4	1845.8	1845.8	1839.6	1837.1	1832.2
10°	1954.1	1946.7	1943.0	1938.1	1936.9	1935.6	1927.0	1927.0	1919.6	1918.4	1914.7
12.5°	2037.8	2032.9	2029.2	2026.8	2020.6	2019.4	2015.7	2012.0	2008.3	2005.8	2004.6
15°	2129.0	2126.5	2122.8	2122.8	2122.8	2116.7	2113.0	2110.5	2110.5	2106.8	2109.3
17.5°	2247.2	2250.9	2245.9	2243.5	2239.8	2245.9	2239.8	2239.8	2243.5	2243.5	2234.9
20°	2393.7	2398.6	2393.7	2394.9	2392.5	2393.7	2394.9	2397.4	2402.3	2393.7	2394.9
22.5°	2556.2	2557.5	2561.2	2557.5	2563.6	2559.9	2567.3	2573.5	2572.2	2569.8	2571.0
25°	2733.5	2729.9	2731.1	2742.2	2750.8	2748.3	2749.6	2759.4	2756.9	2754.5	2755.7
27.5°	2913.3	2910.9	2914.5	2924.4	2934.3	2933.0	2930.6	2937.9	2937.9	2931.8	2934.3
30°	3091.9	3095.6	3101.7	3101.7	3106.6	3111.6	3107.9	3116.5	3117.7	3112.8	3119.0
32.5°	3280.3	3287.6	3285.2	3302.4	3302.4	3303.6	3307.3	3306.1	3318.4	3308.6	3312.3
35°	3506.8	3509.3	3524.1	3536.4	3543.8	3549.9	3549.9	3553.6	3559.8	3554.8	3562.2
37.5°	3644.7	3649.7	3654.6	3662.0	3662.0	3662.0	3668.1	3669.4	3673.0	3671.8	3674.3
40°	3796.2	3797.4	3798.6	3799.9	3804.8	3807.3	3801.1	3809.7	3803.6	3806.0	3809.7
42.5°	3979.6	3962.4	3964.9	3961.2	3969.8	3958.7	3961.2	3971.0	3966.1	3973.5	3973.5
45°	4192.7	4173.0	4155.7	4145.9	4145.9	4131.1	4133.6	4137.3	4143.4	4153.3	4170.5
47.5°	4507.9	4440.2	4406.9	4372.4	4355.2	4336.7	4342.9	4344.1	4346.6	4362.6	4405.7
50°	5023.8	4910.5	4823.1	4718.4	4679.0	4647.0	4628.6	4629.8	4629.8	4663.0	4706.1
52.5°	6021.2	5810.6	5602.5	5420.3	5263.9	5188.8	5101.4	5079.2	5080.5	5108.8	5138.3
55°	7743.8	7454.5	7234.0	6828.9	6705.8	6359.8	6177.6	6072.9	5991.6	6031.0	6074.1
57.5°	10834.4	10567.2	10392.4	9908.5	9467.7	9342.1	9042.9	8800.3	8700.6	8584.8	8592.2
60°	14625.7	14487.8	14443.5	14160.3	14001.4	13507.7	13468.2	13161.6	12872.3	12622.3	12724.5
62.5°	16258.4	16322.5	16374.2	16473.9	16512.1	16465.3	16267.1	16131.6	15894.0	15566.4	15365.7
65°	15845.9	15992.5	16212.9	16421.0	16669.7	16876.6	16978.8	16939.4	16725.1	16387.7	15966.6
67.5°	14545.7	14694.7	14884.3	15147.8	15528.3	15930.9	16211.6	16390.2	16220.3	15916.1	15487.6
70°	12498.0	12643.3	12649.4	13017.6	13427.6	13934.9	14432.4	14619.5	14426.2	14223.1	13864.7
72.5°	9360.5	9273.1	9354.4	9422.1	9656.1	9976.2	10458.9	10438.0	10142.4	9984.8	9434.4
75°	4399.5	4340.4	4254.2	4197.6	4143.4	4030.1	4084.3	3852.8	3772.8	3804.8	3329.5
77.5°	1582.3	1501.0	1370.5	1243.6	1083.6	897.6	757.3	664.9	619.4	620.6	592.3
80°	1327.4	1366.8	1348.3	1222.7	1042.9	848.4	635.4	481.4	411.3	381.7	363.2
82.5°	1439.4	1637.7	1736.2	1658.6	1401.2	1078.6	694.5	419.9	307.8	263.5	252.4
85°	797.9	799.1	774.5	740.0	656.3	450.7	300.4	199.5	160.1	142.8	137.9
87.5°	135.4	129.3	129.3	120.7	105.9	103.4	92.3	87.4	77.6	71.4	69.0
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-T2-E06-E-7050

**CANDELA DISTRIBUTION (continued):**

	87°	88°	89°	90°	91°	92°	93°	94°	95°	96°	97°
0°	1710.3	1710.3	1710.3	1710.3	1710.3	1710.3	1710.3	1710.3	1710.3	1710.3	1710.3
2.5°	1722.6	1720.2	1718.9	1717.7	1717.7	1716.5	1716.5	1714.0	1711.5	1710.3	1709.1
5°	1762.0	1759.6	1757.1	1754.6	1754.6	1752.2	1749.7	1747.3	1743.6	1737.4	1736.2
7.5°	1828.5	1823.6	1823.6	1815.0	1815.0	1810.0	1806.4	1806.4	1801.4	1791.6	1790.3
10°	1911.0	1902.4	1898.7	1893.8	1891.3	1886.4	1886.4	1881.5	1879.0	1875.3	1863.0
12.5°	1999.7	1993.5	1991.1	1984.9	1981.2	1981.2	1978.7	1970.1	1976.3	1967.7	1961.5
15°	2106.8	2105.6	2094.5	2098.2	2096.9	2095.7	2096.9	2089.6	2088.3	2088.3	2080.9
17.5°	2241.0	2231.2	2232.4	2232.4	2234.9	2234.9	2225.0	2229.9	2231.2	2228.7	2226.2
20°	2398.6	2394.9	2398.6	2391.2	2398.6	2398.6	2403.5	2402.3	2403.5	2406.0	2406.0
22.5°	2567.3	2577.2	2578.4	2580.9	2572.2	2587.0	2587.0	2589.5	2595.6	2595.6	2598.1
25°	2771.7	2766.8	2760.6	2769.3	2771.7	2781.6	2784.0	2784.0	2793.9	2793.9	2797.6
27.5°	2941.6	2946.6	2945.3	2950.3	2947.8	2961.3	2966.3	2981.0	2977.3	2984.7	2994.6
30°	3116.5	3126.3	3121.4	3122.6	3128.8	3137.4	3147.3	3162.0	3164.5	3184.2	3189.1
32.5°	3318.4	3325.8	3332.0	3334.4	3334.4	3349.2	3365.2	3370.1	3396.0	3410.8	3428.0
35°	3574.5	3575.8	3579.5	3583.2	3580.7	3596.7	3612.7	3617.6	3644.7	3648.4	3684.1
37.5°	3682.9	3685.4	3700.1	3707.5	3712.4	3732.2	3761.7	3783.9	3813.4	3841.7	3882.4
40°	3818.3	3833.1	3846.7	3857.7	3876.2	3903.3	3948.9	3971.0	4015.4	4068.3	4107.7
42.5°	3989.5	4016.6	4026.4	4047.4	4092.9	4126.2	4171.7	4219.8	4278.9	4342.9	4389.7
45°	4192.7	4218.5	4255.5	4278.9	4331.8	4384.8	4457.4	4499.3	4559.6	4633.5	4685.2
47.5°	4438.9	4474.6	4511.6	4559.6	4622.4	4677.8	4750.5	4804.6	4865.0	4925.3	4981.9
50°	4745.5	4798.5	4847.7	4898.2	4981.9	5028.7	5100.2	5156.8	5213.4	5273.8	5325.5
52.5°	5158.0	5238.1	5300.9	5335.3	5448.6	5495.4	5582.8	5622.2	5669.0	5723.2	5789.7
55°	6058.1	6182.5	6288.4	6350.0	6522.3	6583.9	6697.2	6755.1	6723.0	6792.0	6911.4
57.5°	8661.2	8813.8	8940.7	9024.4	9200.5	9286.7	9292.8	9509.5	9381.5	9508.3	9526.8
60°	12452.4	12573.1	12542.3	12543.5	12488.1	12408.1	12562.0	12328.0	12426.5	12432.7	12212.3
62.5°	14995.1	14810.4	14724.2	14581.4	14415.1	14287.1	14199.7	14011.3	13861.0	13741.6	13508.9
65°	15593.5	15273.4	14990.2	14723.0	14477.9	14308.0	14123.3	13921.4	13686.2	13488.0	13261.4
67.5°	15014.8	14566.6	14146.7	13794.6	13459.6	13235.5	12968.3	12776.2	12480.7	12219.7	12047.3
70°	13336.5	12715.9	12225.8	12000.5	11668.1	11186.6	10931.7	10691.6	10510.6	10274.2	10169.5
72.5°	9355.6	8589.7	8211.7	8226.5	7889.1	7544.3	7553.0	7406.4	7172.5	7165.1	7129.4
75°	3437.9	3127.6	2909.6	2919.5	2793.9	2659.7	2696.6	2736.0	2659.7	2814.8	2574.7
77.5°	546.7	531.9	527.0	515.9	488.8	508.5	495.0	520.9	524.5	552.9	555.3
80°	348.5	333.7	330.0	323.8	322.6	322.6	320.1	320.1	320.1	321.4	318.9
82.5°	232.7	224.1	222.9	219.2	225.3	226.6	227.8	237.6	246.3	248.7	258.6
85°	126.8	120.7	120.7	118.2	123.1	124.4	135.4	149.0	166.2	173.6	189.6
87.5°	64.0	67.7	66.5	69.0	72.6	81.3	89.9	98.5	108.4	121.9	133.0
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-T2-E06-E-7050

**CANDELA DISTRIBUTION (continued):**

	98°	99°	100°	101°	102°	103°	104°	105°	115°	125°	135°
0°	1710.3	1710.3	1710.3	1710.3	1710.3	1710.3	1710.3	1710.3	1710.3	1710.3	1710.3
2.5°	1706.6	1705.4	1705.4	1702.9	1702.9	1701.7	1699.2	1696.8	1685.7	1672.1	1663.5
5°	1732.5	1730.0	1728.8	1726.3	1722.6	1722.6	1718.9	1714.0	1693.1	1670.9	1657.4
7.5°	1785.4	1784.2	1780.5	1775.6	1770.6	1765.7	1763.3	1760.8	1728.8	1707.8	1698.0
10°	1861.8	1860.5	1851.9	1850.7	1843.3	1844.5	1838.4	1833.4	1812.5	1789.1	1775.6
12.5°	1959.0	1964.0	1959.0	1948.0	1950.4	1946.7	1940.6	1934.4	1915.9	1897.5	1876.5
15°	2079.7	2073.6	2068.6	2078.5	2069.9	2068.6	2072.3	2073.6	2051.4	2031.7	2002.1
17.5°	2229.9	2229.9	2227.5	2229.9	2225.0	2228.7	2226.2	2228.7	2218.9	2191.8	2148.7
20°	2401.1	2410.9	2410.9	2407.2	2406.0	2413.4	2417.1	2403.5	2406.0	2382.6	2305.0
22.5°	2600.6	2607.9	2610.4	2606.7	2607.9	2617.8	2624.0	2614.1	2636.3	2598.1	2478.7
25°	2806.2	2817.3	2812.3	2813.6	2823.4	2834.5	2845.6	2835.7	2878.8	2819.7	2663.4
27.5°	3009.4	3019.2	3016.8	3024.1	3040.1	3054.9	3067.2	3063.5	3135.0	3057.4	2857.9
30°	3201.4	3224.8	3229.8	3238.4	3258.1	3282.7	3302.4	3301.2	3393.5	3288.9	3016.8
32.5°	3437.9	3463.7	3473.6	3492.0	3530.2	3547.5	3572.1	3574.5	3666.9	3492.0	3151.0
35°	3711.2	3737.1	3758.0	3771.6	3814.6	3835.6	3860.2	3871.3	3932.9	3681.7	3244.5
37.5°	3923.0	3945.2	3985.8	4014.1	4052.3	4094.2	4122.5	4136.0	4170.5	3844.2	3287.6
40°	4154.5	4202.5	4241.9	4285.0	4326.9	4360.1	4386.0	4406.9	4393.4	3979.6	3269.2
42.5°	4447.6	4498.0	4551.0	4587.9	4610.1	4654.4	4666.7	4681.5	4570.7	4041.2	3185.4
45°	4752.9	4793.6	4837.9	4865.0	4894.5	4916.7	4920.4	4921.6	4702.4	4005.5	3034.0
47.5°	5047.2	5081.7	5112.5	5127.2	5142.0	5143.3	5137.1	5127.2	4772.6	3884.8	2851.8
50°	5369.8	5390.7	5404.3	5405.5	5419.1	5393.2	5376.0	5330.4	4765.2	3700.1	2659.7
52.5°	5834.0	5829.1	5811.9	5810.6	5767.5	5718.3	5686.3	5621.0	4714.7	3500.7	2438.0
55°	6900.4	6853.6	6907.7	6769.8	6655.3	6579.0	6398.0	6266.2	4765.2	3314.7	2183.1
57.5°	9462.7	9302.7	9319.9	9097.0	8853.2	8396.4	8126.8	7762.3	5161.7	3211.3	1861.8
60°	12165.5	11902.0	11653.3	11258.0	10739.6	10159.7	9637.6	9067.5	5555.7	3084.5	1519.5
62.5°	13281.1	12941.2	12509.0	11951.3	11285.1	10566.0	9844.5	9194.3	5339.0	2702.8	1094.6
65°	12921.5	12515.2	12054.7	11327.0	10570.9	9734.9	8944.4	8257.3	4446.3	1976.3	661.2
67.5°	11644.7	11295.0	10727.3	10040.2	9104.4	8265.9	7484.0	6848.6	3277.8	1221.5	379.2
70°	9805.1	9321.1	8836.0	8176.0	7189.7	6399.2	5671.5	5110.0	2079.7	603.4	279.5
72.5°	6767.4	6384.4	5996.6	5405.5	4669.2	4124.9	3499.4	3037.7	1088.5	325.1	257.3
75°	2636.3	2594.4	2550.1	2281.6	2031.7	1627.8	1429.6	1289.2	453.1	282.0	253.7
77.5°	578.7	613.2	632.9	599.7	571.3	509.8	487.6	435.9	302.9	289.4	251.2
80°	318.9	318.9	318.9	322.6	316.5	316.5	312.8	306.6	283.2	289.4	246.3
82.5°	261.0	264.7	269.7	270.9	269.7	270.9	268.4	267.2	277.0	290.6	234.0
85°	199.5	211.8	219.2	229.0	238.9	245.0	247.5	248.7	254.9	275.8	204.4
87.5°	141.6	151.5	167.5	169.9	181.0	194.5	199.5	206.9	203.2	209.3	96.0
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: P146371

CATALOG NUMBER: LDRL-T2-E06-E-7050

**CANDELA DISTRIBUTION (continued):**

	145°	155°	165°	175°	180°
0°	1710.3	1710.3	1710.3	1710.3	1710.3
2.5°	1656.1	1646.3	1642.6	1641.4	1638.9
5°	1646.3	1640.1	1635.2	1631.5	1634.0
7.5°	1690.6	1686.9	1678.3	1675.8	1679.5
10°	1769.4	1760.8	1748.5	1749.7	1748.5
12.5°	1867.9	1844.5	1824.8	1816.2	1810.0
15°	1968.9	1923.3	1882.7	1864.2	1856.8
17.5°	2080.9	2003.4	1940.6	1907.3	1901.2
20°	2199.1	2092.0	2010.8	1971.4	1965.2
22.5°	2335.8	2188.1	2084.6	2030.5	2021.8
25°	2468.8	2274.3	2136.4	2069.9	2058.8
27.5°	2589.5	2339.5	2167.1	2088.3	2077.2
30°	2690.4	2391.2	2193.0	2103.1	2090.8
32.5°	2756.9	2419.6	2201.6	2104.3	2089.6
35°	2777.9	2401.1	2164.7	2052.6	2040.3
37.5°	2733.5	2326.0	2066.2	1939.3	1929.5
40°	2632.6	2186.8	1911.0	1779.3	1767.0
42.5°	2475.0	2010.8	1731.2	1592.1	1581.0
45°	2300.1	1822.4	1540.4	1401.2	1390.2
47.5°	2109.3	1622.9	1339.7	1211.6	1194.4
50°	1899.9	1406.2	1135.3	1009.7	993.7
52.5°	1654.9	1169.8	918.6	805.3	795.4
55°	1368.0	932.1	731.4	648.9	639.1
57.5°	1063.9	709.2	581.2	540.6	524.5
60°	772.0	539.3	463.0	443.3	434.7
62.5°	524.5	402.6	373.1	366.9	360.8
65°	355.9	315.2	306.6	307.8	304.1
67.5°	280.7	264.7	259.8	262.3	261.0
70°	246.3	234.0	232.7	235.2	234.0
72.5°	232.7	216.7	219.2	222.9	221.6
75°	226.6	209.3	214.3	216.7	210.6
77.5°	220.4	198.2	213.0	217.9	205.6
80°	211.8	188.4	222.9	220.4	197.0
82.5°	193.3	166.2	217.9	199.5	177.3
85°	157.6	124.4	245.0	176.1	129.3
87.5°	101.0	75.1	169.9	134.2	86.2
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)