

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: P145175

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

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P145175
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
Description: RL LED ROADWAY LARGE CUTOFF COBRAHEAD LUMINAIRE
(6) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ SPILL LIGHT CONTROL
Light Source: (42) 4000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14704.4 lumens
Efficiency: N/A
Efficacy: 94.0 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short - Semi-Cutoff
BUG Rating: B2 - U0 - G3

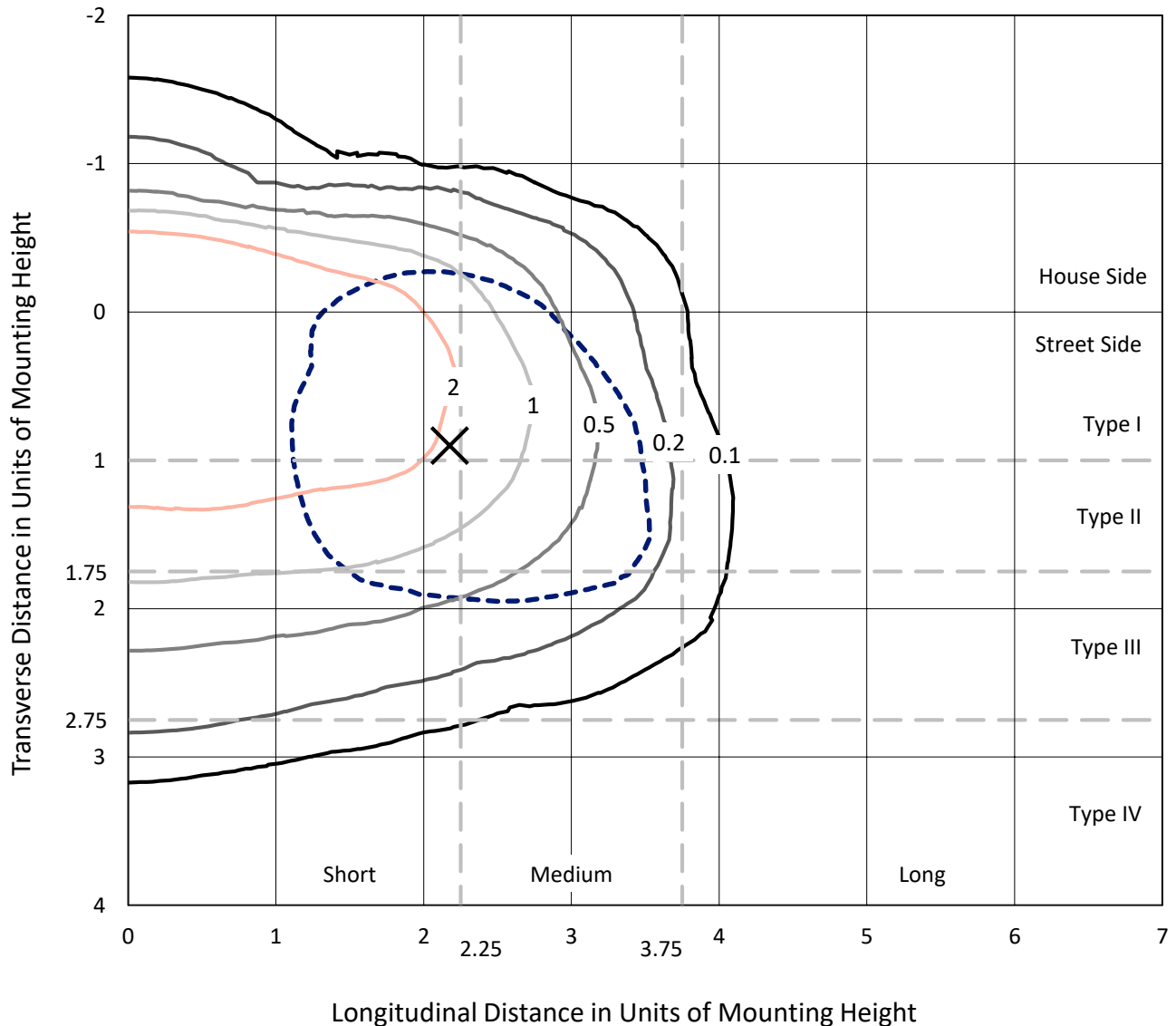
Input Watts (W): 156.5
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

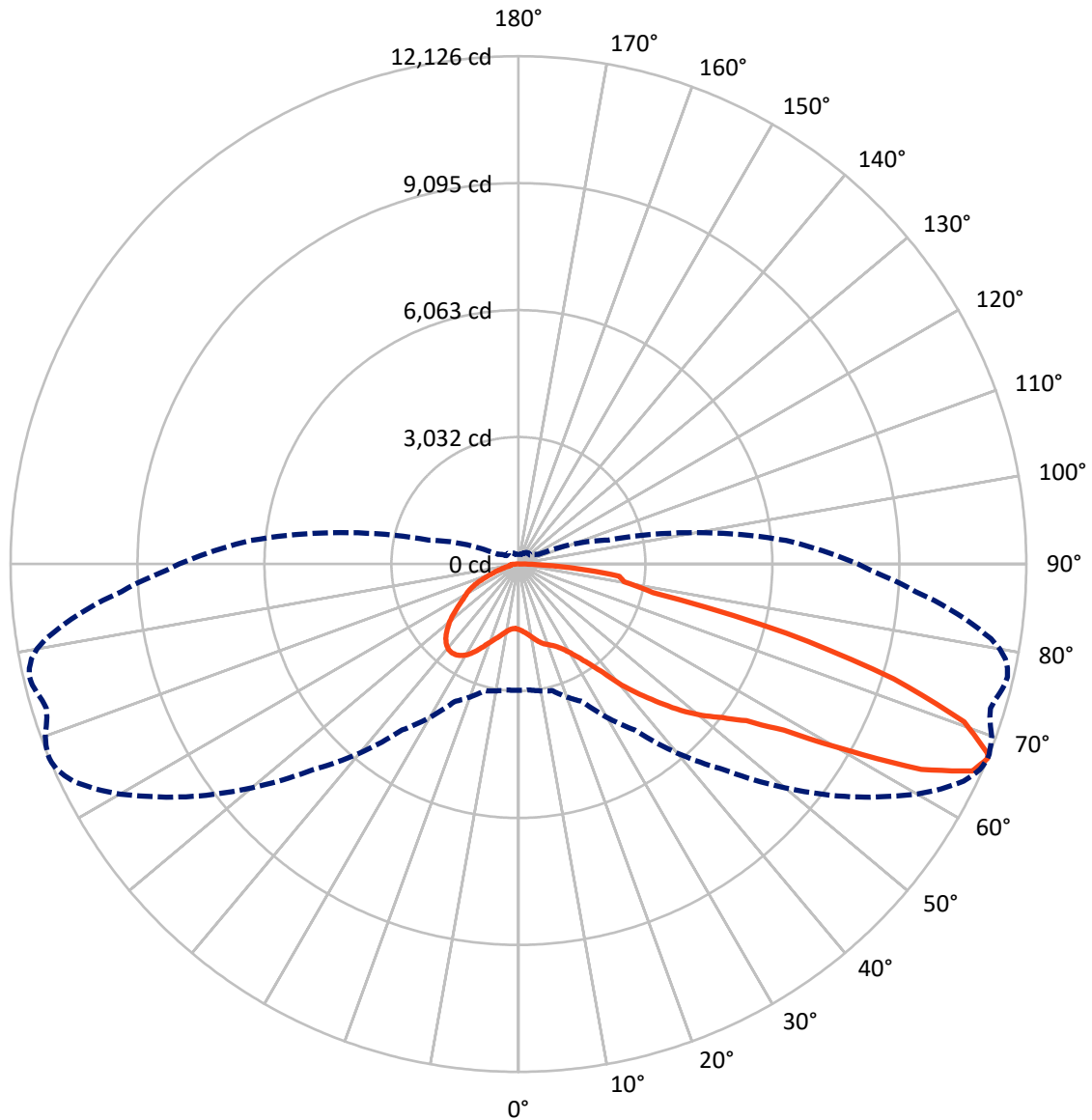
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 5 fc
 Type III - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



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

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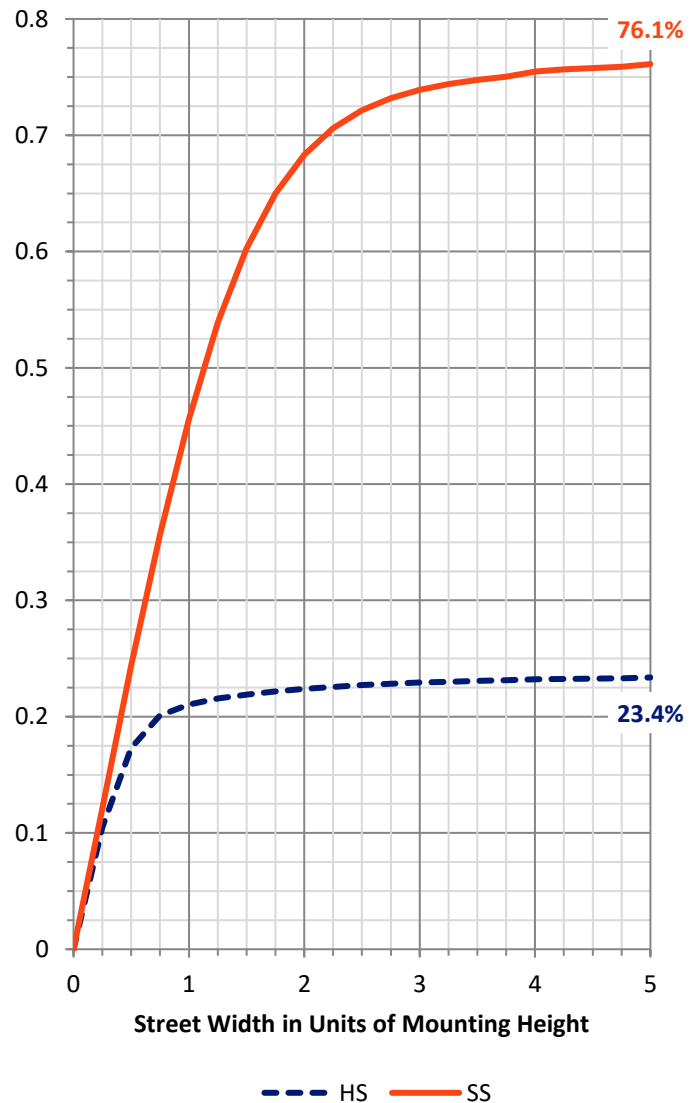
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3481.9	0.0	3481.9
	% Fixture	23.7	0.0	23.7
Street Side	Lumens	11222.5	0.0	11222.5
	% Fixture	76.3	0.0	76.3
Total	Lumens	14704.4	0.0	14704.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	156.1	1.1
10°-20°	534.6	3.6
20°-30°	951.7	6.5
30°-40°	1386.3	9.4
40°-50°	2136.0	14.5
50°-60°	3128.2	21.3
60°-70°	4154.0	28.3
70°-80°	1958.1	13.3
80°-90°	299.3	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°	14704.4	100.0
0°-180°	14704.4	100.0



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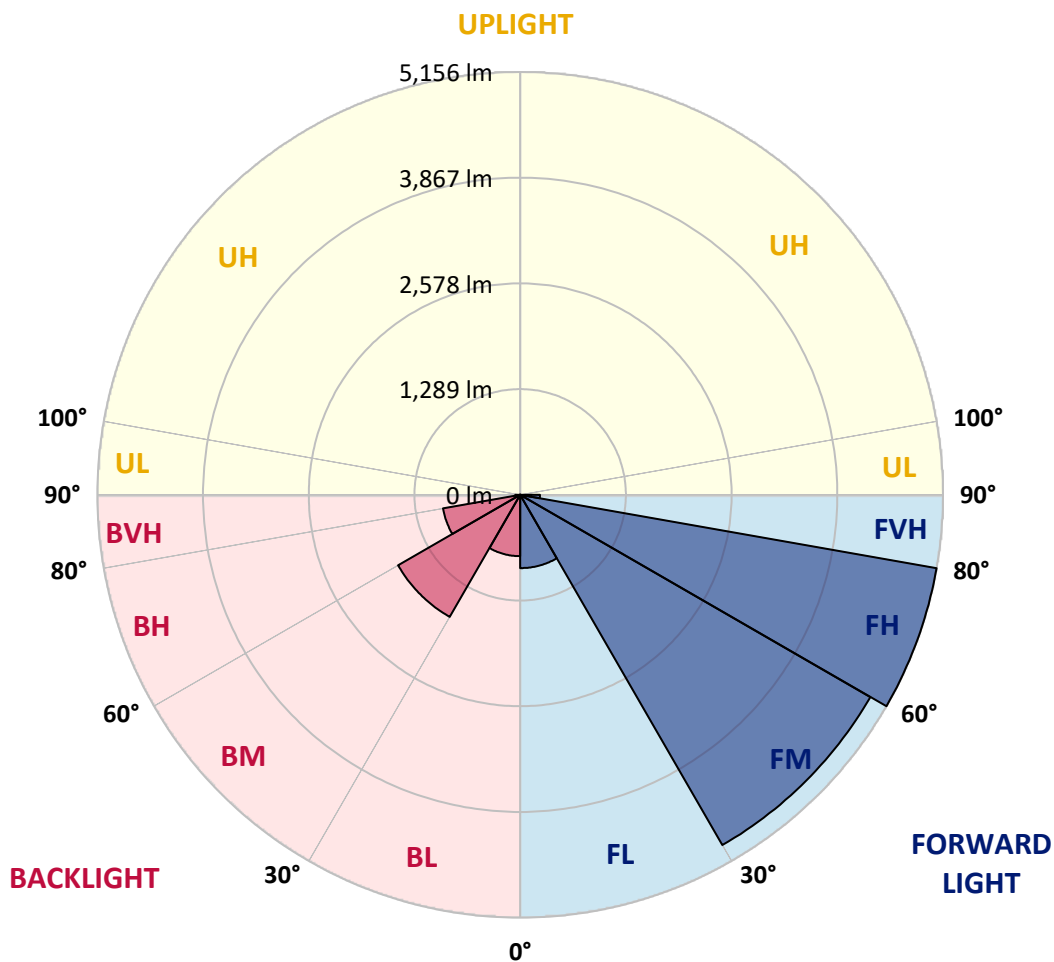
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	893.9	6.1			
FM	(30°-60°)	4931.2	33.5			
FH	(60°-80°)	5156.2	35.1			G3/7500
FVH	(80°-90°)	241.2	1.6			G3/500
BL	(0°-30°)	748.5	5.1	B2/1000		
BM	(30°-60°)	1719.4	11.7	B2/2500		
BH	(60°-80°)	955.9	6.5	B2/1000		G2/1000
BVH	(80°-90°)	58.1	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-G3

Type III Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	60°	61°	62°	64°
0°	1564.2	1564.2	1564.2	1564.2	1564.2	1564.2	1564.2	1564.2	1564.2	1564.2	1564.2
2.5°	1642.5	1635.5	1636.5	1639.5	1629.6	1624.6	1613.7	1606.8	1605.8	1604.8	1600.9
5°	1738.6	1731.6	1734.6	1726.7	1707.8	1695.0	1672.2	1660.3	1658.3	1656.3	1651.4
7.5°	1838.6	1829.7	1819.8	1810.9	1790.1	1769.3	1739.5	1721.7	1719.7	1716.8	1713.8
10°	1957.5	1944.6	1936.7	1908.9	1873.3	1844.6	1814.8	1796.0	1795.0	1792.0	1786.1
12.5°	2091.2	2077.4	2062.5	2025.8	1970.4	1927.8	1893.1	1882.2	1873.3	1874.3	1868.3
15°	2224.0	2209.1	2189.3	2142.7	2069.4	2006.0	1961.4	1945.6	1946.6	1941.6	1944.6
17.5°	2335.9	2323.0	2294.3	2234.9	2149.7	2062.5	2006.0	1999.1	2001.1	2000.1	2003.1
20°	2409.2	2401.3	2357.7	2286.4	2190.3	2094.2	2036.7	2036.7	2037.7	2041.7	2048.6
22.5°	2453.8	2441.9	2384.4	2284.4	2189.3	2109.1	2064.5	2074.4	2080.3	2083.3	2094.2
25°	2478.6	2463.7	2385.4	2252.7	2155.6	2119.9	2106.1	2130.8	2140.8	2145.7	2163.5
27.5°	2478.6	2460.7	2372.6	2213.1	2117.0	2152.6	2185.3	2227.9	2234.9	2249.7	2270.5
30°	2450.8	2436.9	2352.7	2183.3	2107.1	2214.1	2313.1	2361.7	2378.5	2395.3	2422.1
32.5°	2421.1	2409.2	2342.8	2199.2	2162.5	2342.8	2508.3	2574.6	2584.6	2598.4	2626.2
35°	2419.1	2415.2	2386.4	2300.2	2330.0	2578.6	2802.5	2848.1	2875.8	2882.7	2894.6
37.5°	2439.9	2447.8	2472.6	2463.7	2570.7	2929.3	3187.8	3279.0	3300.8	3288.9	3299.8
40°	2488.5	2508.3	2600.4	2714.3	2938.2	3353.3	3712.9	3817.9	3841.7	3834.7	3831.8
42.5°	2642.0	2668.8	2804.5	3048.2	3320.6	3792.1	4200.3	4313.2	4321.1	4325.1	4299.3
45°	2882.7	2897.6	3077.9	3388.9	3734.7	4264.7	4686.7	4812.5	4807.5	4787.7	4768.9
47.5°	3156.1	3186.9	3402.8	3779.3	4162.6	4701.5	5179.0	5301.9	5312.7	5294.9	5260.2
50°	3404.8	3428.6	3672.3	4119.0	4540.1	5065.1	5594.1	5717.9	5715.9	5725.8	5735.7
52.5°	3600.9	3622.7	3854.5	4345.9	4817.4	5370.2	5907.1	6059.7	6083.5	6099.3	6119.1
55°	3702.0	3724.8	3938.7	4440.0	4985.8	5668.4	6268.7	6487.6	6528.3	6563.9	6596.6
57.5°	3704.0	3733.7	3929.8	4433.1	5073.0	5934.9	6747.2	7140.5	7197.9	7289.1	7401.0
60°	3643.5	3685.1	3861.5	4368.7	5173.1	6272.7	7535.7	8288.6	8401.5	8561.0	8704.7
62.5°	3486.0	3527.6	3685.1	4205.2	5290.0	6705.6	8674.9	9778.5	10019.2	10195.6	10479.9
65°	3237.4	3277.0	3409.7	3934.8	5196.8	7047.3	9523.9	10847.4	11093.1	11314.0	11647.8
67°	3015.5	3019.4	3131.4	3624.7	4834.3	6941.3	9694.3	10990.0	11216.9	11440.8	11828.1
67.5°	2937.2	2959.0	3046.2	3521.7	4696.6	6863.1	9626.9	10912.8	11132.7	11371.4	11766.7
70°	2374.5	2380.5	2464.7	2809.4	3726.7	5690.2	8647.2	9927.1	10077.7	10427.4	10815.7
72.5°	1448.3	1438.4	1465.1	1720.7	2452.8	3940.7	6923.5	8172.7	8378.7	8676.9	8939.4
75°	797.5	845.0	877.7	1055.0	1378.0	2317.1	4714.4	5913.1	6215.2	6392.5	6445.0
77.5°	487.4	483.4	498.3	680.6	1130.3	1585.0	2604.4	3469.2	3637.6	3688.1	3493.0
80°	231.8	240.7	237.8	280.3	547.8	1337.4	1820.8	2227.9	2313.1	2361.7	2425.1
82.5°	126.8	131.8	149.6	167.4	216.0	575.6	1571.1	2054.6	2112.0	2195.2	2288.4
85°	79.3	83.2	114.9	120.9	132.7	177.3	654.8	1200.6	1249.2	1414.6	1467.1
87.5°	32.7	35.7	62.4	56.5	67.4	62.4	198.1	305.1	323.9	344.7	382.4
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):

	65°	66°	67°	67.5°	68°	69°	70°	71°	72°	73°	74°
0°	1564.2	1564.2	1564.2	1564.2	1564.2	1564.2	1564.2	1564.2	1564.2	1564.2	1564.2
2.5°	1601.8	1600.9	1596.9	1595.9	1597.9	1597.9	1595.9	1592.9	1591.9	1591.0	1589.0
5°	1649.4	1647.4	1644.4	1642.5	1641.5	1641.5	1638.5	1635.5	1632.6	1628.6	1627.6
7.5°	1705.9	1705.9	1704.9	1701.9	1698.9	1695.0	1692.0	1689.0	1686.1	1684.1	1681.1
10°	1780.2	1784.1	1777.2	1775.2	1774.2	1768.3	1767.3	1764.3	1762.3	1757.4	1757.4
12.5°	1868.3	1864.4	1863.4	1859.4	1859.4	1856.4	1855.4	1854.5	1852.5	1848.5	1847.5
15°	1941.6	1941.6	1940.6	1938.7	1940.6	1938.7	1935.7	1937.7	1934.7	1935.7	1932.7
17.5°	2001.1	2005.0	2004.0	2005.0	2004.0	2004.0	2006.0	2006.0	2008.0	2004.0	2005.0
20°	2050.6	2056.5	2059.5	2057.5	2059.5	2060.5	2065.5	2067.4	2070.4	2072.4	2072.4
22.5°	2102.1	2110.0	2116.0	2116.0	2119.9	2123.9	2132.8	2134.8	2141.7	2140.8	2145.7
25°	2174.4	2187.3	2191.3	2197.2	2202.2	2209.1	2220.0	2225.0	2227.9	2234.9	2242.8
27.5°	2285.4	2301.2	2304.2	2311.1	2324.0	2328.0	2339.9	2344.8	2355.7	2370.6	2373.5
30°	2436.9	2456.8	2457.8	2465.7	2480.5	2485.5	2495.4	2508.3	2517.2	2532.1	2533.0
32.5°	2643.0	2662.8	2659.8	2674.7	2673.7	2688.6	2685.6	2705.4	2713.3	2721.3	2743.1
35°	2917.4	2915.4	2930.3	2935.2	2932.3	2944.2	2942.2	2951.1	2959.0	2959.0	2982.8
37.5°	3312.7	3309.7	3307.7	3286.9	3282.0	3282.9	3279.0	3286.9	3274.0	3274.0	3299.8
40°	3842.7	3824.8	3811.0	3797.1	3783.2	3764.4	3748.5	3744.6	3722.8	3721.8	3711.9
42.5°	4303.3	4286.5	4276.5	4249.8	4235.9	4233.0	4194.3	4183.4	4177.5	4181.4	4171.5
45°	4786.7	4768.9	4731.2	4719.4	4715.4	4694.6	4688.7	4661.9	4654.0	4667.8	4662.9
47.5°	5285.0	5259.3	5238.5	5224.6	5219.6	5201.8	5176.0	5197.8	5186.9	5179.0	5164.2
50°	5732.8	5704.0	5704.0	5679.3	5683.2	5671.4	5644.6	5650.6	5619.8	5631.7	5623.8
52.5°	6108.2	6110.2	6120.1	6092.4	6097.3	6097.3	6088.4	6059.7	6067.6	6063.6	6082.5
55°	6585.7	6618.4	6600.6	6605.5	6611.5	6639.2	6659.0	6642.2	6614.4	6636.2	6696.7
57.5°	7420.8	7450.5	7468.4	7482.2	7505.0	7517.9	7624.9	7639.7	7608.0	7673.4	7808.1
60°	8873.1	8908.7	8962.2	9032.6	9047.4	9137.6	9193.0	9258.4	9282.2	9338.7	9483.3
62.5°	10619.6	10699.8	10709.7	10798.9	10868.2	10784.0	10805.8	10886.0	10794.9	10919.7	10925.7
65°	11762.7	11879.6	11883.6	11916.3	11942.0	11862.8	11827.1	11791.5	11705.3	11700.3	11786.5
67°	11958.9	12065.9	12110.5	12126.3	12122.3	12081.7	12023.3	11920.2	11837.0	11789.5	11825.1
67.5°	11903.4	12008.4	12070.8	12085.7	12086.7	12047.1	11993.6	11881.6	11803.4	11749.9	11787.5
70°	10992.0	11237.7	11344.7	11289.2	11320.9	11320.9	11318.9	11215.9	11177.3	11125.8	11106.0
72.5°	9139.6	9309.9	9445.7	9373.3	9382.3	9449.6	9433.8	9444.7	9333.7	9321.8	9138.6
75°	6547.1	6601.6	6556.0	6607.5	6330.1	6231.1	6062.7	5817.0	5752.6	5650.6	5345.4
77.5°	3478.1	3416.7	3294.8	3284.9	3171.0	3082.8	2973.9	2902.5	2722.3	2622.2	2393.4
80°	2456.8	2486.5	2533.0	2560.8	2586.5	2606.3	2565.7	2451.8	2301.2	2132.8	1973.3
82.5°	2346.8	2387.4	2415.2	2429.0	2419.1	2387.4	2294.3	2185.3	1984.2	1838.6	1666.2
85°	1480.0	1512.7	1456.2	1444.3	1469.1	1269.0	1159.0	1069.9	866.8	806.4	712.3
87.5°	397.2	419.0	420.0	407.1	399.2	351.7	311.1	275.4	227.8	214.0	173.4
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):

	75°	76°	77°	78°	79°	80°	81°	82°	83°	84°	85°
0°	1564.2	1564.2	1564.2	1564.2	1564.2	1564.2	1564.2	1564.2	1564.2	1564.2	1564.2
2.5°	1589.0	1588.0	1588.0	1585.0	1583.0	1582.0	1581.0	1578.1	1576.1	1576.1	1575.1
5°	1626.6	1624.6	1621.7	1620.7	1616.7	1614.7	1610.8	1608.8	1605.8	1603.8	1602.8
7.5°	1680.1	1675.2	1669.2	1670.2	1664.3	1661.3	1659.3	1655.3	1652.4	1649.4	1648.4
10°	1751.4	1750.4	1744.5	1746.5	1735.6	1740.5	1730.6	1731.6	1725.7	1719.7	1718.7
12.5°	1842.6	1841.6	1835.6	1828.7	1826.7	1827.7	1821.8	1822.8	1815.8	1813.8	1811.9
15°	1929.7	1927.8	1924.8	1919.8	1916.9	1915.9	1913.9	1911.9	1906.0	1906.0	1899.0
17.5°	2005.0	2006.0	2002.1	1998.1	1996.1	1993.1	1992.2	1992.2	1987.2	1982.3	1983.2
20°	2071.4	2073.4	2073.4	2070.4	2071.4	2069.4	2068.4	2070.4	2065.5	2063.5	2060.5
22.5°	2145.7	2145.7	2146.7	2148.7	2151.6	2152.6	2152.6	2150.7	2147.7	2146.7	2140.8
25°	2248.7	2244.8	2249.7	2251.7	2251.7	2256.7	2254.7	2255.7	2256.7	2253.7	2250.7
27.5°	2378.5	2374.5	2384.4	2391.4	2390.4	2393.4	2399.3	2392.4	2396.3	2399.3	2392.4
30°	2538.0	2547.9	2554.8	2559.8	2557.8	2566.7	2569.7	2568.7	2565.7	2570.7	2570.7
32.5°	2741.1	2736.1	2754.0	2764.8	2765.8	2763.9	2768.8	2774.8	2769.8	2777.7	2773.8
35°	2982.8	2985.8	2989.7	3001.6	3006.6	2998.6	3006.6	3013.5	3011.5	3012.5	3016.5
37.5°	3294.8	3299.8	3295.8	3296.8	3294.8	3332.5	3338.4	3344.4	3337.4	3331.5	3349.3
40°	3727.7	3727.7	3726.7	3739.6	3717.8	3741.6	3734.7	3751.5	3769.3	3759.4	3786.2
42.5°	4153.7	4177.5	4179.5	4160.6	4176.5	4202.3	4202.3	4213.1	4229.0	4213.1	4238.9
45°	4642.1	4671.8	4666.9	4698.6	4674.8	4704.5	4709.5	4695.6	4730.3	4734.2	4724.3
47.5°	5175.1	5181.0	5182.0	5192.9	5197.8	5221.6	5220.6	5246.4	5238.5	5198.8	5212.7
50°	5631.7	5646.6	5654.5	5661.4	5686.2	5703.1	5725.8	5729.8	5723.9	5712.0	5701.1
52.5°	6088.4	6124.1	6146.9	6208.3	6246.9	6277.6	6315.3	6329.1	6322.2	6319.2	6275.6
55°	6699.6	6784.8	6916.6	7001.8	7094.9	7149.4	7193.0	7214.8	7198.9	7206.8	7116.7
57.5°	7850.7	8050.8	8165.8	8311.4	8475.8	8544.2	8563.0	8640.3	8555.1	8469.9	8401.5
60°	9561.6	9745.8	9954.8	10104.4	10159.9	10349.1	10260.0	10159.9	10068.8	9892.4	9693.3
62.5°	11106.0	11343.7	11450.7	11590.4	11552.7	11536.9	11477.4	11317.9	11122.8	10860.3	10594.8
65°	11867.7	12001.5	12067.9	12113.4	12070.8	11960.9	11764.7	11529.0	11249.6	10909.8	10561.1
67°	11898.5	11959.9	11981.7	11938.1	11843.0	11671.6	11423.9	11090.1	10746.4	10357.0	9964.7
67.5°	11847.9	11888.5	11899.4	11831.1	11718.2	11532.9	11268.4	10911.8	10546.2	10142.1	9747.8
70°	11158.5	11128.7	11032.6	10938.5	10585.9	10337.2	9876.6	9496.2	8989.0	8617.5	8196.5
72.5°	9065.3	8929.5	8836.4	8420.4	7994.4	7747.7	7252.4	6797.7	6335.1	5981.4	5722.9
75°	5088.9	4989.8	4731.2	4511.3	4159.7	3837.7	3606.9	3317.6	3040.2	2875.8	2754.9
77.5°	2299.3	2015.9	1820.8	1574.1	1272.0	1022.3	758.8	701.4	598.3	572.6	516.1
80°	1794.0	1591.0	1335.4	1053.0	743.0	499.3	366.5	311.1	292.2	280.3	274.4
82.5°	1496.8	1233.3	1038.2	737.0	471.5	317.0	238.7	216.0	202.1	192.2	183.3
85°	639.9	506.2	417.1	298.2	212.0	167.4	146.6	133.7	120.9	110.0	103.0
87.5°	149.6	114.9	105.0	89.2	84.2	83.2	82.2	78.3	73.3	67.4	60.4
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):

	86°	87°	88°	89°	90°	95°	105°	115°	125°	135°	145°
0°	1564.2	1564.2	1564.2	1564.2	1564.2	1564.2	1564.2	1564.2	1564.2	1564.2	1564.2
2.5°	1574.1	1573.1	1571.1	1568.2	1568.2	1564.2	1551.3	1542.4	1532.5	1526.6	1520.6
5°	1600.9	1599.9	1594.9	1591.9	1590.0	1582.0	1560.2	1543.4	1525.6	1512.7	1502.8
7.5°	1645.4	1642.5	1638.5	1636.5	1630.6	1620.7	1589.0	1565.2	1539.4	1518.6	1501.8
10°	1717.8	1712.8	1706.9	1700.9	1702.9	1687.0	1650.4	1615.7	1578.1	1545.4	1522.6
12.5°	1805.9	1805.9	1802.9	1799.0	1792.0	1774.2	1724.7	1684.1	1638.5	1597.9	1581.0
15°	1899.0	1894.1	1889.1	1883.2	1882.2	1858.4	1813.8	1767.3	1719.7	1685.1	1665.2
17.5°	1975.3	1977.3	1970.4	1968.4	1966.4	1942.6	1895.1	1853.5	1818.8	1782.1	1750.4
20°	2056.5	2052.6	2050.6	2047.6	2046.6	2026.8	1989.2	1963.4	1932.7	1877.2	1794.0
22.5°	2143.7	2138.8	2140.8	2134.8	2133.8	2119.9	2092.2	2084.3	2038.7	1921.8	1777.2
25°	2256.7	2247.7	2250.7	2250.7	2251.7	2238.8	2235.9	2222.0	2107.1	1910.9	1709.8
27.5°	2391.4	2395.3	2395.3	2394.4	2387.4	2391.4	2405.2	2357.7	2130.8	1853.5	1608.8
30°	2566.7	2568.7	2570.7	2577.6	2562.8	2588.5	2605.4	2453.8	2113.0	1774.2	1482.0
32.5°	2779.7	2771.8	2775.7	2779.7	2784.7	2811.4	2801.5	2502.3	2060.5	1666.2	1324.5
35°	3014.5	3029.3	3033.3	3042.2	3052.1	3092.7	2978.8	2512.2	1980.3	1521.6	1123.4
37.5°	3364.2	3388.0	3388.0	3419.7	3400.8	3450.4	3137.3	2488.5	1858.4	1320.5	896.5
40°	3805.0	3815.9	3826.8	3830.8	3820.9	3814.9	3241.3	2430.0	1687.0	1067.9	655.8
42.5°	4254.8	4250.8	4251.8	4258.7	4232.0	4120.0	3305.7	2328.0	1474.1	797.5	470.5
45°	4739.2	4722.3	4717.4	4703.5	4679.7	4444.0	3342.4	2184.3	1193.7	560.7	369.5
47.5°	5210.7	5189.9	5158.2	5119.6	5074.0	4704.5	3338.4	1998.1	915.3	401.2	325.9
50°	5694.1	5657.5	5589.1	5551.5	5474.2	4963.1	3315.6	1791.1	658.8	331.9	305.1
52.5°	6246.9	6181.5	6118.1	6042.8	5915.1	5281.0	3281.0	1558.3	480.5	304.1	291.2
55°	7071.1	6964.1	6860.1	6703.6	6579.8	5707.0	3222.5	1307.6	379.4	293.2	283.3
57.5°	8207.4	8025.1	7893.3	7682.3	7484.2	6296.4	3160.1	1079.8	338.8	290.3	279.4
60°	9486.3	9211.9	8966.2	8706.6	8480.8	7032.5	3127.4	901.5	329.9	293.2	280.3
62.5°	10288.7	9964.7	9657.7	9340.6	9015.7	7384.2	2985.8	778.6	333.8	306.1	288.3
65°	10187.6	9830.0	9496.2	9109.8	8803.7	7052.3	2625.2	658.8	340.8	328.9	310.1
67°	9506.1	9159.4	8779.0	8400.5	8103.4	6421.3	2216.0	554.8	348.7	354.6	333.8
67.5°	9323.8	8933.5	8550.1	8202.4	7880.5	6226.1	2109.1	529.0	350.7	361.6	341.8
70°	7775.5	7466.4	7017.6	6760.1	6527.3	5047.3	1573.1	411.1	356.6	392.3	379.4
72.5°	5440.5	5141.4	4906.6	4765.9	4630.2	3667.3	1106.5	327.9	347.7	409.1	396.3
75°	2748.0	2679.7	2597.4	2551.9	2553.8	2131.8	666.7	279.4	326.9	392.3	359.6
77.5°	542.9	529.0	534.9	585.5	576.5	656.8	330.9	236.8	278.4	302.1	258.6
80°	262.5	253.6	245.7	243.7	238.7	228.8	208.0	197.1	225.9	199.1	171.4
82.5°	170.4	160.5	156.5	148.6	149.6	162.5	181.3	189.2	183.3	137.7	115.9
85°	96.1	95.1	93.1	95.1	99.1	129.8	194.2	177.3	147.6	97.1	87.2
87.5°	57.5	54.5	55.5	56.5	58.4	96.1	153.5	127.8	94.1	50.5	51.5
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-SL3-F06-E

CANDELA DISTRIBUTION (continued):

	155°	165°	175°	180°
0°	1564.2	1564.2	1564.2	1564.2
2.5°	1519.6	1515.7	1515.7	1514.7
5°	1494.9	1488.9	1487.9	1487.9
7.5°	1490.9	1483.0	1482.0	1479.0
10°	1508.7	1505.8	1506.7	1503.8
12.5°	1565.2	1569.2	1573.1	1573.1
15°	1651.4	1648.4	1653.4	1648.4
17.5°	1714.8	1689.0	1683.1	1680.1
20°	1716.8	1663.3	1645.4	1642.5
22.5°	1655.3	1576.1	1546.4	1541.4
25°	1551.3	1451.3	1413.6	1409.7
27.5°	1420.6	1308.6	1253.1	1251.2
30°	1263.1	1130.3	1060.0	1049.1
32.5°	1070.9	913.4	839.1	815.3
35°	849.0	687.5	618.2	616.2
37.5°	634.0	508.2	463.6	461.6
40°	464.6	399.2	382.4	379.4
42.5°	379.4	352.7	345.7	342.8
45°	339.8	328.9	324.9	322.0
47.5°	316.0	309.1	306.1	306.1
50°	297.2	295.2	293.2	293.2
52.5°	284.3	283.3	281.3	280.3
55°	273.4	269.5	270.4	269.5
57.5°	266.5	260.5	260.5	260.5
60°	262.5	251.6	251.6	252.6
62.5°	263.5	246.7	245.7	245.7
65°	271.4	243.7	237.8	238.7
67°	281.3	240.7	228.8	227.8
67.5°	284.3	238.7	225.9	224.9
70°	296.2	232.8	211.0	209.0
72.5°	298.2	223.9	196.1	194.2
75°	277.4	212.0	184.3	179.3
77.5°	216.0	182.3	166.4	166.4
80°	151.6	139.7	118.9	117.9
82.5°	111.0	105.0	87.2	85.2
85°	81.2	76.3	64.4	64.4
87.5°	50.5	48.5	41.6	39.6
90°	0.0	0.0	0.0	0.0

(END OF REPORT)