

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: P145170

Luminaire Tested: **LDRL-SL3-E06-E**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P145170
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-E06-E
Description: RL LED ROADWAY LARGE CUTOFF COBRAHEAD LUMINAIRE
(6) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ SPILL LIGHT CONTROL
Light Source: (126) 4000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 17812.2 lumens
Efficiency: N/A
Efficacy: 118.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short - Semi-Cutoff
BUG Rating: B3 - U0 - G3

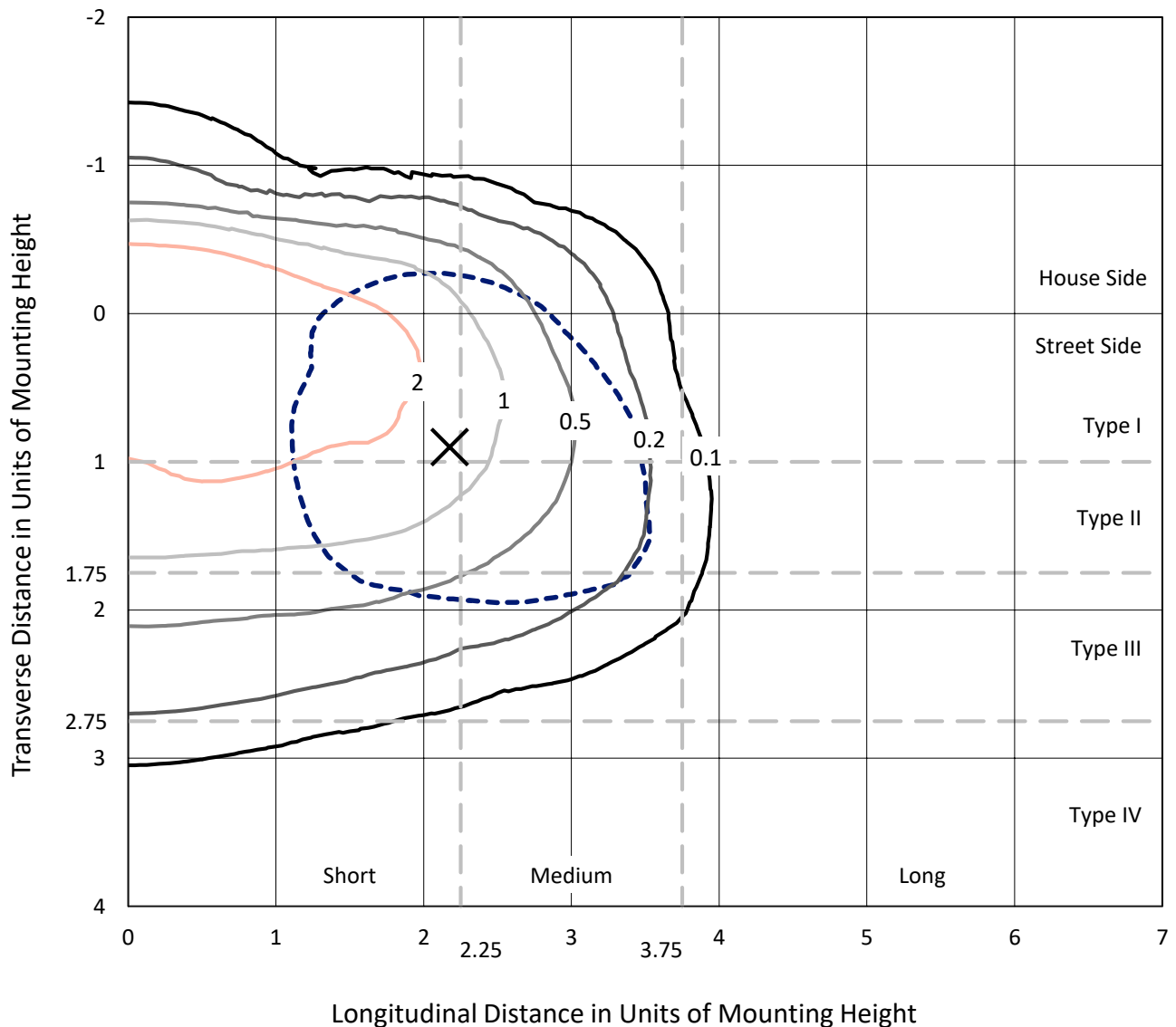
Input Watts (W): 150.5
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P145170
 CATALOG NUMBER: LDRL-SL3-E06-E

Iso-Footcandle Lines of Horizontal Illumination

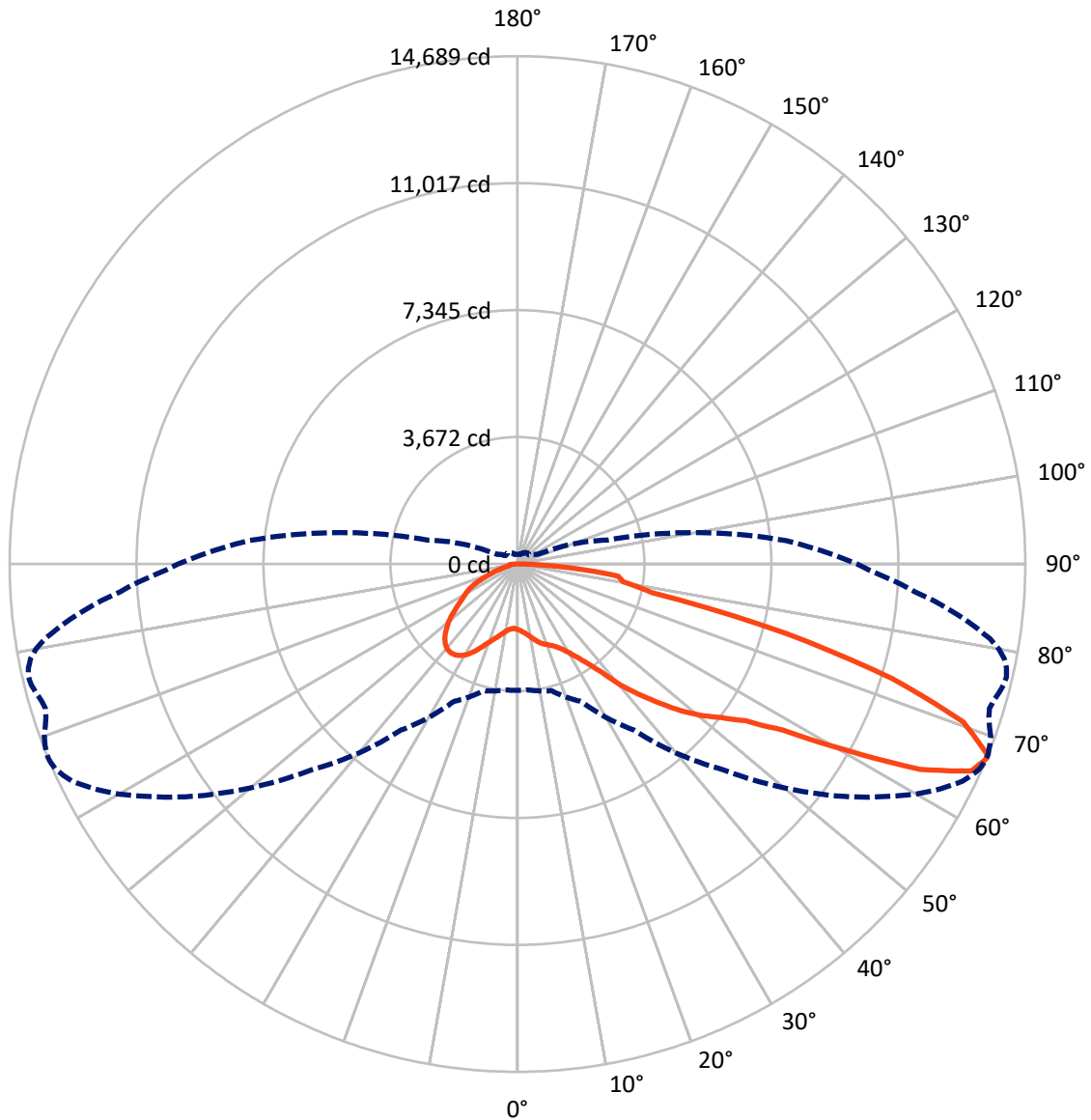
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 3.8 fc
 Type III - Short - Semi-Cutoff

REPORT NUMBER: P145170
CATALOG NUMBER: LDRL-SL3-E06-E

Luminous Intensity Polar Plot



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

REPORT NUMBER: P145170

CATALOG NUMBER: LDRL-SL3-E06-E

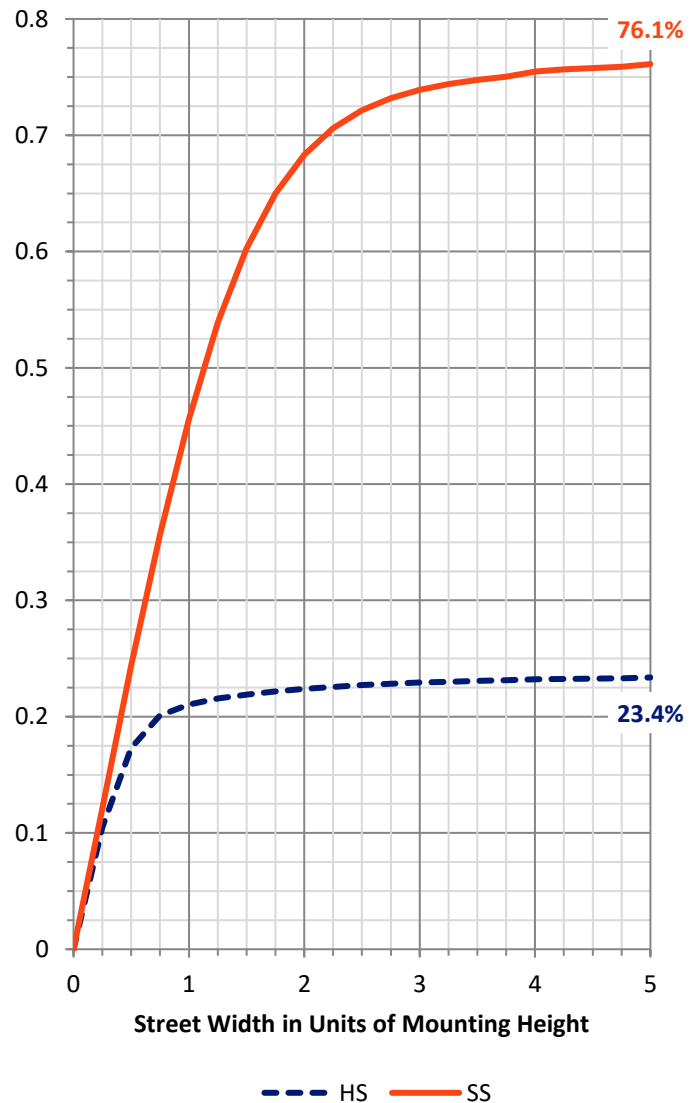
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4217.8	0.0	4217.8
	% Fixture	23.7	0.0	23.7
Street Side	Lumens	13594.3	0.0	13594.3
	% Fixture	76.3	0.0	76.3
Total	Lumens	17812.2	0.0	17812.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	189.1	1.1
10°-20°	647.6	3.6
20°-30°	1152.8	6.5
30°-40°	1679.3	9.4
40°-50°	2587.5	14.5
50°-60°	3789.4	21.3
60°-70°	5031.9	28.3
70°-80°	2371.9	13.3
80°-90°	362.6	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°	17812.2	100.0
0°-180°	17812.2	100.0



REPORT NUMBER: P145170

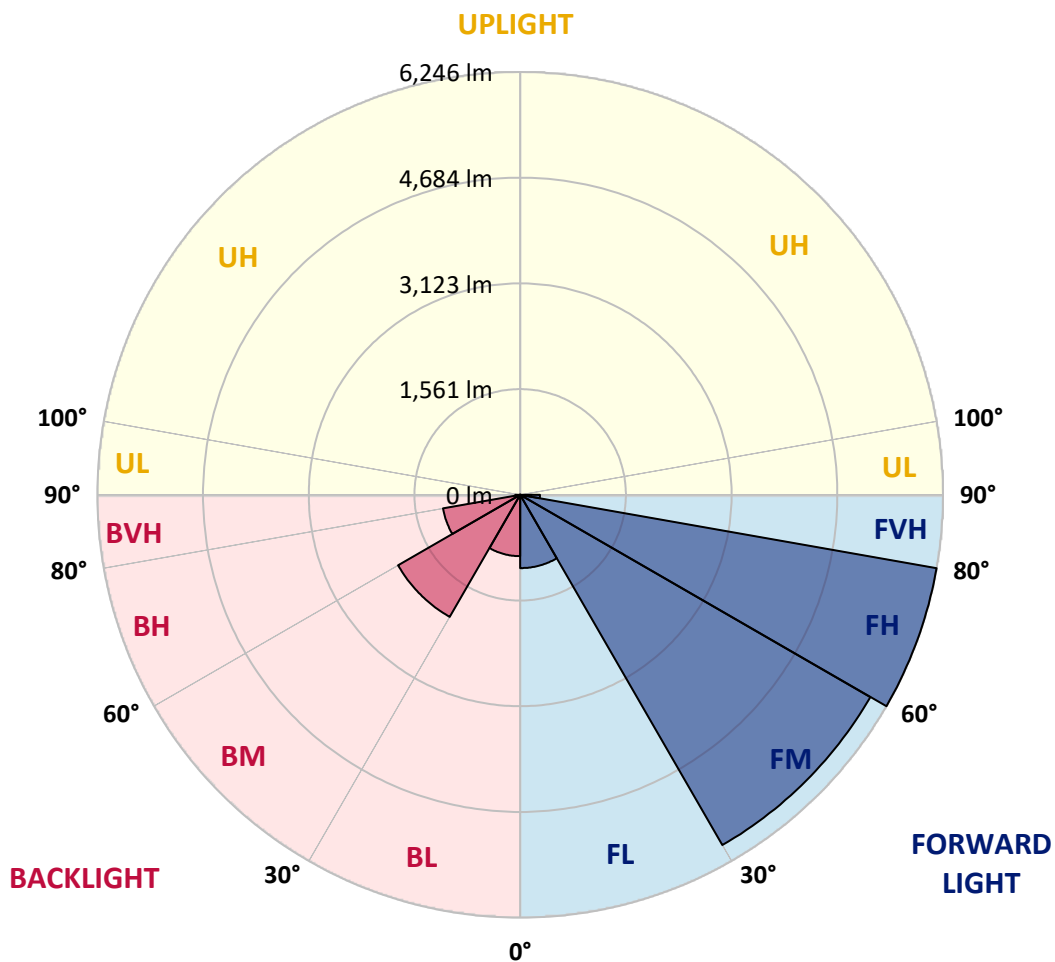
CATALOG NUMBER: LDRL-SL3-E06-E

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1082.8	6.1			
FM	(30°-60°)	5973.4	33.5			
FH	(60°-80°)	6245.9	35.1			G3/7500
FVH	(80°-90°)	292.2	1.6			G3/500
BL	(0°-30°)	906.7	5.1	B2/1000		
BM	(30°-60°)	2082.8	11.7	B2/2500		
BH	(60°-80°)	1157.9	6.5	B3/2500		G3/2500
BVH	(80°-90°)	70.4	0.4			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 III Short





REPORT NUMBER: P145170
 CATALOG NUMBER: LDRL-SL3-E06-E

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	60°	61°	62°	64°
0°	1894.8	1894.8	1894.8	1894.8	1894.8	1894.8	1894.8	1894.8	1894.8	1894.8	1894.8
2.5°	1989.6	1981.2	1982.4	1986.0	1974.0	1968.0	1954.8	1946.4	1945.2	1944.0	1939.2
5°	2106.0	2097.6	2101.2	2091.6	2068.8	2053.2	2025.6	2011.2	2008.8	2006.4	2000.4
7.5°	2227.2	2216.4	2204.4	2193.6	2168.4	2143.2	2107.2	2085.6	2083.2	2079.6	2076.0
10°	2371.2	2355.6	2346.0	2312.4	2269.2	2234.4	2198.4	2175.6	2174.4	2170.8	2163.6
12.5°	2533.2	2516.4	2498.4	2454.0	2386.8	2335.2	2293.2	2280.0	2269.2	2270.4	2263.2
15°	2694.0	2676.0	2652.0	2595.6	2506.8	2430.0	2376.0	2356.8	2358.0	2352.0	2355.6
17.5°	2829.6	2814.0	2779.2	2707.2	2604.0	2498.4	2430.0	2421.6	2424.0	2422.8	2426.4
20°	2918.4	2908.8	2856.0	2769.6	2653.2	2536.8	2467.2	2467.2	2468.4	2473.2	2481.6
22.5°	2972.4	2958.0	2888.4	2767.2	2652.0	2554.8	2500.8	2512.8	2520.0	2523.6	2536.8
25°	3002.4	2984.4	2889.6	2728.8	2611.2	2568.0	2551.2	2581.2	2593.2	2599.2	2620.8
27.5°	3002.4	2980.8	2874.0	2680.8	2564.4	2607.6	2647.2	2698.8	2707.2	2725.2	2750.4
30°	2968.8	2952.0	2850.0	2644.8	2552.4	2682.0	2802.0	2860.8	2881.2	2901.6	2934.0
32.5°	2932.8	2918.4	2838.0	2664.0	2619.6	2838.0	3038.4	3118.8	3130.8	3147.6	3181.2
35°	2930.4	2925.6	2890.8	2786.4	2822.4	3123.6	3394.8	3450.0	3483.6	3492.0	3506.4
37.5°	2955.6	2965.2	2995.2	2984.4	3114.0	3548.4	3861.6	3972.0	3998.4	3984.0	3997.2
40°	3014.4	3038.4	3150.0	3288.0	3559.2	4062.0	4497.6	4624.8	4653.6	4645.2	4641.6
42.5°	3200.4	3232.8	3397.2	3692.4	4022.4	4593.6	5088.0	5224.8	5234.4	5239.2	5208.0
45°	3492.0	3510.0	3728.4	4105.2	4524.0	5166.0	5677.2	5829.6	5823.6	5799.6	5776.8
47.5°	3823.2	3860.4	4122.0	4578.0	5042.4	5695.2	6273.6	6422.4	6435.6	6414.0	6372.0
50°	4124.4	4153.2	4448.4	4989.6	5499.6	6135.6	6776.4	6926.4	6924.0	6936.0	6948.0
52.5°	4362.0	4388.4	4669.2	5264.4	5835.6	6505.2	7155.6	7340.4	7369.2	7388.4	7412.4
55°	4484.4	4512.0	4771.2	5378.4	6039.6	6866.4	7593.6	7858.8	7908.0	7951.2	7990.8
57.5°	4486.8	4522.8	4760.4	5370.0	6145.2	7189.2	8173.2	8649.6	8719.2	8829.6	8965.2
60°	4413.6	4464.0	4677.6	5292.0	6266.4	7598.4	9128.4	10040.4	10177.2	10370.4	10544.4
62.5°	4222.8	4273.2	4464.0	5094.0	6408.0	8122.8	10508.4	11845.2	12136.8	12350.4	12694.8
65°	3921.6	3969.6	4130.4	4766.4	6295.2	8536.8	11536.8	13140.0	13437.6	13705.2	14109.6
67°	3652.8	3657.6	3793.2	4390.8	5856.0	8408.4	11743.2	13312.8	13587.6	13858.8	14328.0
67.5°	3558.0	3584.4	3690.0	4266.0	5689.2	8313.6	11661.6	13219.2	13485.6	13774.8	14253.6
70°	2876.4	2883.6	2985.6	3403.2	4514.4	6892.8	10474.8	12025.2	12207.6	12631.2	13101.6
72.5°	1754.4	1742.4	1774.8	2084.4	2971.2	4773.6	8386.8	9900.0	10149.6	10510.8	10828.8
75°	966.0	1023.6	1063.2	1278.0	1669.2	2806.8	5710.8	7162.8	7528.8	7743.6	7807.2
77.5°	590.4	585.6	603.6	824.4	1369.2	1920.0	3154.8	4202.4	4406.4	4467.6	4231.2
80°	280.8	291.6	288.0	339.6	663.6	1620.0	2205.6	2698.8	2802.0	2860.8	2937.6
82.5°	153.6	159.6	181.2	202.8	261.6	697.2	1903.2	2488.8	2558.4	2659.2	2772.0
85°	96.0	100.8	139.2	146.4	160.8	214.8	793.2	1454.4	1513.2	1713.6	1777.2
87.5°	39.6	43.2	75.6	68.4	81.6	75.6	240.0	369.6	392.4	417.6	463.2
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: P145170
 CATALOG NUMBER: LDRL-SL3-E06-E

CANDELA DISTRIBUTION (continued):

	65°	66°	67°	67.5°	68°	69°	70°	71°	72°	73°	74°
0°	1894.8	1894.8	1894.8	1894.8	1894.8	1894.8	1894.8	1894.8	1894.8	1894.8	1894.8
2.5°	1940.4	1939.2	1934.4	1933.2	1935.6	1935.6	1933.2	1929.6	1928.4	1927.2	1924.8
5°	1998.0	1995.6	1992.0	1989.6	1988.4	1988.4	1984.8	1981.2	1977.6	1972.8	1971.6
7.5°	2066.4	2066.4	2065.2	2061.6	2058.0	2053.2	2049.6	2046.0	2042.4	2040.0	2036.4
10°	2156.4	2161.2	2152.8	2150.4	2149.2	2142.0	2140.8	2137.2	2134.8	2128.8	2128.8
12.5°	2263.2	2258.4	2257.2	2252.4	2252.4	2248.8	2247.6	2246.4	2244.0	2239.2	2238.0
15°	2352.0	2352.0	2350.8	2348.4	2350.8	2348.4	2344.8	2347.2	2343.6	2344.8	2341.2
17.5°	2424.0	2428.8	2427.6	2428.8	2427.6	2427.6	2430.0	2430.0	2432.4	2427.6	2428.8
20°	2484.0	2491.2	2494.8	2492.4	2494.8	2496.0	2502.0	2504.4	2508.0	2510.4	2510.4
22.5°	2546.4	2556.0	2563.2	2563.2	2568.0	2572.8	2583.6	2586.0	2594.4	2593.2	2599.2
25°	2634.0	2649.6	2654.4	2661.6	2667.6	2676.0	2689.2	2695.2	2698.8	2707.2	2716.8
27.5°	2768.4	2787.6	2791.2	2799.6	2815.2	2820.0	2834.4	2840.4	2853.6	2871.6	2875.2
30°	2952.0	2976.0	2977.2	2986.8	3004.8	3010.8	3022.8	3038.4	3049.2	3067.2	3068.4
32.5°	3201.6	3225.6	3222.0	3240.0	3238.8	3256.8	3253.2	3277.2	3286.8	3296.4	3322.8
35°	3534.0	3531.6	3549.6	3555.6	3552.0	3566.4	3564.0	3574.8	3584.4	3584.4	3613.2
37.5°	4012.8	4009.2	4006.8	3981.6	3975.6	3976.8	3972.0	3981.6	3966.0	3966.0	3997.2
40°	4654.8	4633.2	4616.4	4599.6	4582.8	4560.0	4540.8	4536.0	4509.6	4508.4	4496.4
42.5°	5212.8	5192.4	5180.4	5148.0	5131.2	5127.6	5080.8	5067.6	5060.4	5065.2	5053.2
45°	5798.4	5776.8	5731.2	5716.8	5712.0	5686.8	5679.6	5647.2	5637.6	5654.4	5648.4
47.5°	6402.0	6370.8	6345.6	6328.8	6322.8	6301.2	6270.0	6296.4	6283.2	6273.6	6255.6
50°	6944.4	6909.6	6909.6	6879.6	6884.4	6870.0	6837.6	6844.8	6807.6	6822.0	6812.4
52.5°	7399.2	7401.6	7413.6	7380.0	7386.0	7386.0	7375.2	7340.4	7350.0	7345.2	7368.0
55°	7977.6	8017.2	7995.6	8001.6	8008.8	8042.4	8066.4	8046.0	8012.4	8038.8	8112.0
57.5°	8989.2	9025.2	9046.8	9063.6	9091.2	9106.8	9236.4	9254.4	9216.0	9295.2	9458.4
60°	10748.4	10791.6	10856.4	10941.6	10959.6	11068.8	11136.0	11215.2	11244.0	11312.4	11487.6
62.5°	12864.0	12961.2	12973.2	13081.2	13165.2	13063.2	13089.6	13186.8	13076.4	13227.6	13234.8
65°	14248.8	14390.4	14395.2	14434.8	14466.0	14370.0	14326.8	14283.6	14179.2	14173.2	14277.6
67°	14486.4	14616.0	14670.0	14689.2	14684.4	14635.2	14564.4	14439.6	14338.8	14281.2	14324.4
67.5°	14419.2	14546.4	14622.0	14640.0	14641.2	14593.2	14528.4	14392.8	14298.0	14233.2	14278.8
70°	13315.2	13612.8	13742.4	13675.2	13713.6	13713.6	13711.2	13586.4	13539.6	13477.2	13453.2
72.5°	11071.2	11277.6	11442.0	11354.4	11365.2	11446.8	11427.6	11440.8	11306.4	11292.0	11070.0
75°	7930.8	7996.8	7941.6	8004.0	7668.0	7548.0	7344.0	7046.4	6968.4	6844.8	6475.2
77.5°	4213.2	4138.8	3991.2	3979.2	3841.2	3734.4	3602.4	3516.0	3297.6	3176.4	2899.2
80°	2976.0	3012.0	3068.4	3102.0	3133.2	3157.2	3108.0	2970.0	2787.6	2583.6	2390.4
82.5°	2842.8	2892.0	2925.6	2942.4	2930.4	2892.0	2779.2	2647.2	2403.6	2227.2	2018.4
85°	1792.8	1832.4	1764.0	1749.6	1779.6	1537.2	1404.0	1296.0	1050.0	976.8	862.8
87.5°	481.2	507.6	508.8	493.2	483.6	426.0	376.8	333.6	276.0	259.2	210.0
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: P145170
 CATALOG NUMBER: LDRL-SL3-E06-E

CANDELA DISTRIBUTION (continued):

	75°	76°	77°	78°	79°	80°	81°	82°	83°	84°	85°
0°	1894.8	1894.8	1894.8	1894.8	1894.8	1894.8	1894.8	1894.8	1894.8	1894.8	1894.8
2.5°	1924.8	1923.6	1923.6	1920.0	1917.6	1916.4	1915.2	1911.6	1909.2	1909.2	1908.0
5°	1970.4	1968.0	1964.4	1963.2	1958.4	1956.0	1951.2	1948.8	1945.2	1942.8	1941.6
7.5°	2035.2	2029.2	2022.0	2023.2	2016.0	2012.4	2010.0	2005.2	2001.6	1998.0	1996.8
10°	2121.6	2120.4	2113.2	2115.6	2102.4	2108.4	2096.4	2097.6	2090.4	2083.2	2082.0
12.5°	2232.0	2230.8	2223.6	2215.2	2212.8	2214.0	2206.8	2208.0	2199.6	2197.2	2194.8
15°	2337.6	2335.2	2331.6	2325.6	2322.0	2320.8	2318.4	2316.0	2308.8	2308.8	2300.4
17.5°	2428.8	2430.0	2425.2	2420.4	2418.0	2414.4	2413.2	2413.2	2407.2	2401.2	2402.4
20°	2509.2	2511.6	2511.6	2508.0	2509.2	2506.8	2505.6	2508.0	2502.0	2499.6	2496.0
22.5°	2599.2	2599.2	2600.4	2602.8	2606.4	2607.6	2607.6	2605.2	2601.6	2600.4	2593.2
25°	2724.0	2719.2	2725.2	2727.6	2727.6	2733.6	2731.2	2732.4	2733.6	2730.0	2726.4
27.5°	2881.2	2876.4	2888.4	2896.8	2895.6	2899.2	2906.4	2898.0	2902.8	2906.4	2898.0
30°	3074.4	3086.4	3094.8	3100.8	3098.4	3109.2	3112.8	3111.6	3108.0	3114.0	3114.0
32.5°	3320.4	3314.4	3336.0	3349.2	3350.4	3348.0	3354.0	3361.2	3355.2	3364.8	3360.0
35°	3613.2	3616.8	3621.6	3636.0	3642.0	3632.4	3642.0	3650.4	3648.0	3649.2	3654.0
37.5°	3991.2	3997.2	3992.4	3993.6	3991.2	4036.8	4044.0	4051.2	4042.8	4035.6	4057.2
40°	4515.6	4515.6	4514.4	4530.0	4503.6	4532.4	4524.0	4544.4	4566.0	4554.0	4586.4
42.5°	5031.6	5060.4	5062.8	5040.0	5059.2	5090.4	5090.4	5103.6	5122.8	5103.6	5134.8
45°	5623.2	5659.2	5653.2	5691.6	5662.8	5698.8	5704.8	5688.0	5730.0	5734.8	5722.8
47.5°	6268.8	6276.0	6277.2	6290.4	6296.4	6325.2	6324.0	6355.2	6345.6	6297.6	6314.4
50°	6822.0	6840.0	6849.6	6858.0	6888.0	6908.4	6936.0	6940.8	6933.6	6919.2	6906.0
52.5°	7375.2	7418.4	7446.0	7520.4	7567.2	7604.4	7650.0	7666.8	7658.4	7654.8	7602.0
55°	8115.6	8218.8	8378.4	8481.6	8594.4	8660.4	8713.2	8739.6	8720.4	8730.0	8620.8
57.5°	9510.0	9752.4	9891.6	10068.0	10267.2	10350.0	10372.8	10466.4	10363.2	10260.0	10177.2
60°	11582.4	11805.6	12058.8	12240.0	12307.2	12536.4	12428.4	12307.2	12196.8	11983.2	11742.0
62.5°	13453.2	13741.2	13870.8	14040.0	13994.4	13975.2	13903.2	13710.0	13473.6	13155.6	12834.0
65°	14376.0	14538.0	14618.4	14673.6	14622.0	14488.8	14251.2	13965.6	13627.2	13215.6	12793.2
67°	14413.2	14487.6	14514.0	14461.2	14346.0	14138.4	13838.4	13434.0	13017.6	12546.0	12070.8
67.5°	14352.0	14401.2	14414.4	14331.6	14194.8	13970.4	13650.0	13218.0	12775.2	12285.6	11808.0
70°	13516.8	13480.8	13364.4	13250.4	12823.2	12522.0	11964.0	11503.2	10888.8	10438.8	9928.8
72.5°	10981.2	10816.8	10704.0	10200.0	9684.0	9385.2	8785.2	8234.4	7674.0	7245.6	6932.4
75°	6164.4	6044.4	5731.2	5464.8	5038.8	4648.8	4369.2	4018.8	3682.8	3483.6	3337.2
77.5°	2785.2	2442.0	2205.6	1906.8	1540.8	1238.4	919.2	849.6	724.8	693.6	625.2
80°	2173.2	1927.2	1617.6	1275.6	900.0	604.8	444.0	376.8	354.0	339.6	332.4
82.5°	1813.2	1494.0	1257.6	892.8	571.2	384.0	289.2	261.6	244.8	232.8	222.0
85°	775.2	613.2	505.2	361.2	256.8	202.8	177.6	162.0	146.4	133.2	124.8
87.5°	181.2	139.2	127.2	108.0	102.0	100.8	99.6	94.8	88.8	81.6	73.2
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: P145170
 CATALOG NUMBER: LDRL-SL3-E06-E

CANDELA DISTRIBUTION (continued):

	86°	87°	88°	89°	90°	95°	105°	115°	125°	135°	145°
0°	1894.8	1894.8	1894.8	1894.8	1894.8	1894.8	1894.8	1894.8	1894.8	1894.8	1894.8
2.5°	1906.8	1905.6	1903.2	1899.6	1899.6	1894.8	1879.2	1868.4	1856.4	1849.2	1842.0
5°	1939.2	1938.0	1932.0	1928.4	1926.0	1916.4	1890.0	1869.6	1848.0	1832.4	1820.4
7.5°	1993.2	1989.6	1984.8	1982.4	1975.2	1963.2	1924.8	1896.0	1864.8	1839.6	1819.2
10°	2080.8	2074.8	2067.6	2060.4	2062.8	2043.6	1999.2	1957.2	1911.6	1872.0	1844.4
12.5°	2187.6	2187.6	2184.0	2179.2	2170.8	2149.2	2089.2	2040.0	1984.8	1935.6	1915.2
15°	2300.4	2294.4	2288.4	2281.2	2280.0	2251.2	2197.2	2140.8	2083.2	2041.2	2017.2
17.5°	2392.8	2395.2	2386.8	2384.4	2382.0	2353.2	2295.6	2245.2	2203.2	2158.8	2120.4
20°	2491.2	2486.4	2484.0	2480.4	2479.2	2455.2	2409.6	2378.4	2341.2	2274.0	2173.2
22.5°	2596.8	2590.8	2593.2	2586.0	2584.8	2568.0	2534.4	2524.8	2469.6	2328.0	2152.8
25°	2733.6	2722.8	2726.4	2726.4	2727.6	2712.0	2708.4	2691.6	2552.4	2314.8	2071.2
27.5°	2896.8	2901.6	2901.6	2900.4	2892.0	2896.8	2913.6	2856.0	2581.2	2245.2	1948.8
30°	3109.2	3111.6	3114.0	3122.4	3104.4	3135.6	3156.0	2972.4	2559.6	2149.2	1795.2
32.5°	3367.2	3357.6	3362.4	3367.2	3373.2	3405.6	3393.6	3031.2	2496.0	2018.4	1604.4
35°	3651.6	3669.6	3674.4	3685.2	3697.2	3746.4	3608.4	3043.2	2398.8	1843.2	1360.8
37.5°	4075.2	4104.0	4104.0	4142.4	4119.6	4179.6	3800.4	3014.4	2251.2	1599.6	1086.0
40°	4609.2	4622.4	4635.6	4640.4	4628.4	4621.2	3926.4	2943.6	2043.6	1293.6	794.4
42.5°	5154.0	5149.2	5150.4	5158.8	5126.4	4990.8	4004.4	2820.0	1785.6	966.0	570.0
45°	5740.8	5720.4	5714.4	5697.6	5668.8	5383.2	4048.8	2646.0	1446.0	679.2	447.6
47.5°	6312.0	6286.8	6248.4	6201.6	6146.4	5698.8	4044.0	2420.4	1108.8	486.0	394.8
50°	6897.6	6853.2	6770.4	6724.8	6631.2	6012.0	4016.4	2169.6	798.0	402.0	369.6
52.5°	7567.2	7488.0	7411.2	7320.0	7165.2	6397.2	3974.4	1887.6	582.0	368.4	352.8
55°	8565.6	8436.0	8310.0	8120.4	7970.4	6913.2	3903.6	1584.0	459.6	355.2	343.2
57.5°	9942.0	9721.2	9561.6	9306.0	9066.0	7627.2	3828.0	1308.0	410.4	351.6	338.4
60°	11491.2	11158.8	10861.2	10546.8	10273.2	8518.8	3788.4	1092.0	399.6	355.2	339.6
62.5°	12463.2	12070.8	11698.8	11314.8	10921.2	8944.8	3616.8	943.2	404.4	370.8	349.2
65°	12340.8	11907.6	11503.2	11035.2	10664.4	8542.8	3180.0	798.0	412.8	398.4	375.6
67°	11515.2	11095.2	10634.4	10176.0	9816.0	7778.4	2684.4	672.0	422.4	429.6	404.4
67.5°	11294.4	10821.6	10357.2	9936.0	9546.0	7542.0	2554.8	640.8	424.8	438.0	414.0
70°	9418.8	9044.4	8500.8	8188.8	7906.8	6114.0	1905.6	498.0	432.0	475.2	459.6
72.5°	6590.4	6228.0	5943.6	5773.2	5608.8	4442.4	1340.4	397.2	421.2	495.6	480.0
75°	3328.8	3246.0	3146.4	3091.2	3093.6	2582.4	807.6	338.4	396.0	475.2	435.6
77.5°	657.6	640.8	648.0	709.2	698.4	795.6	400.8	286.8	337.2	366.0	313.2
80°	318.0	307.2	297.6	295.2	289.2	277.2	252.0	238.8	273.6	241.2	207.6
82.5°	206.4	194.4	189.6	180.0	181.2	196.8	219.6	229.2	222.0	166.8	140.4
85°	116.4	115.2	112.8	115.2	120.0	157.2	235.2	214.8	178.8	117.6	105.6
87.5°	69.6	66.0	67.2	68.4	70.8	116.4	186.0	154.8	114.0	61.2	62.4
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: P145170

CATALOG NUMBER: LDRL-SL3-E06-E

CANDELA DISTRIBUTION (continued):

	155°	165°	175°	180°
0°	1894.8	1894.8	1894.8	1894.8
2.5°	1840.8	1836.0	1836.0	1834.8
5°	1810.8	1803.6	1802.4	1802.4
7.5°	1806.0	1796.4	1795.2	1791.6
10°	1827.6	1824.0	1825.2	1821.6
12.5°	1896.0	1900.8	1905.6	1905.6
15°	2000.4	1996.8	2002.8	1996.8
17.5°	2077.2	2046.0	2038.8	2035.2
20°	2079.6	2014.8	1993.2	1989.6
22.5°	2005.2	1909.2	1873.2	1867.2
25°	1879.2	1758.0	1712.4	1707.6
27.5°	1720.8	1585.2	1518.0	1515.6
30°	1530.0	1369.2	1284.0	1270.8
32.5°	1297.2	1106.4	1016.4	987.6
35°	1028.4	832.8	748.8	746.4
37.5°	768.0	615.6	561.6	559.2
40°	562.8	483.6	463.2	459.6
42.5°	459.6	427.2	418.8	415.2
45°	411.6	398.4	393.6	390.0
47.5°	382.8	374.4	370.8	370.8
50°	360.0	357.6	355.2	355.2
52.5°	344.4	343.2	340.8	339.6
55°	331.2	326.4	327.6	326.4
57.5°	322.8	315.6	315.6	315.6
60°	318.0	304.8	304.8	306.0
62.5°	319.2	298.8	297.6	297.6
65°	328.8	295.2	288.0	289.2
67°	340.8	291.6	277.2	276.0
67.5°	344.4	289.2	273.6	272.4
70°	358.8	282.0	255.6	253.2
72.5°	361.2	271.2	237.6	235.2
75°	336.0	256.8	223.2	217.2
77.5°	261.6	220.8	201.6	201.6
80°	183.6	169.2	144.0	142.8
82.5°	134.4	127.2	105.6	103.2
85°	98.4	92.4	78.0	78.0
87.5°	61.2	58.8	50.4	48.0
90°	0.0	0.0	0.0	0.0

(END OF REPORT)