

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: METALUX

Report Number: P290200

Luminaire Tested: **4SSRK-LC-60-L830-CD1-U**

Issue Date: 3/3/2020

This test was performed under the Supervised Manufacturer's Testing Program. The results of this test have not been influenced by sources from within Cooper Lighting Solutions or from external interests.

Test Information

Test Method: LM-79-08
Report Number: P290200
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P33518)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 4SSRK-LC-60-L830-CD1-U
Description: 6000 LUMEN, 4 FOOT SSRK LED LUMINAIRE WITH ROUND CLEAR LENS AND 80 CRI 3000K CCT LEDS
Light Source: -
Ballast/Driver: -

Luminaire Equipment: Sample No. Condition Description

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6331.4 lumens
Efficiency: N/A
Efficacy: 141.3 lumens/watt
Spacing Criteria (0/90/45): 1.4 / 1.12 / 1.19
Luminous Opening: Rectangular w/ Sides (W: 0.04' x L: 4' x H: 0.17')
CIE Type: Direct

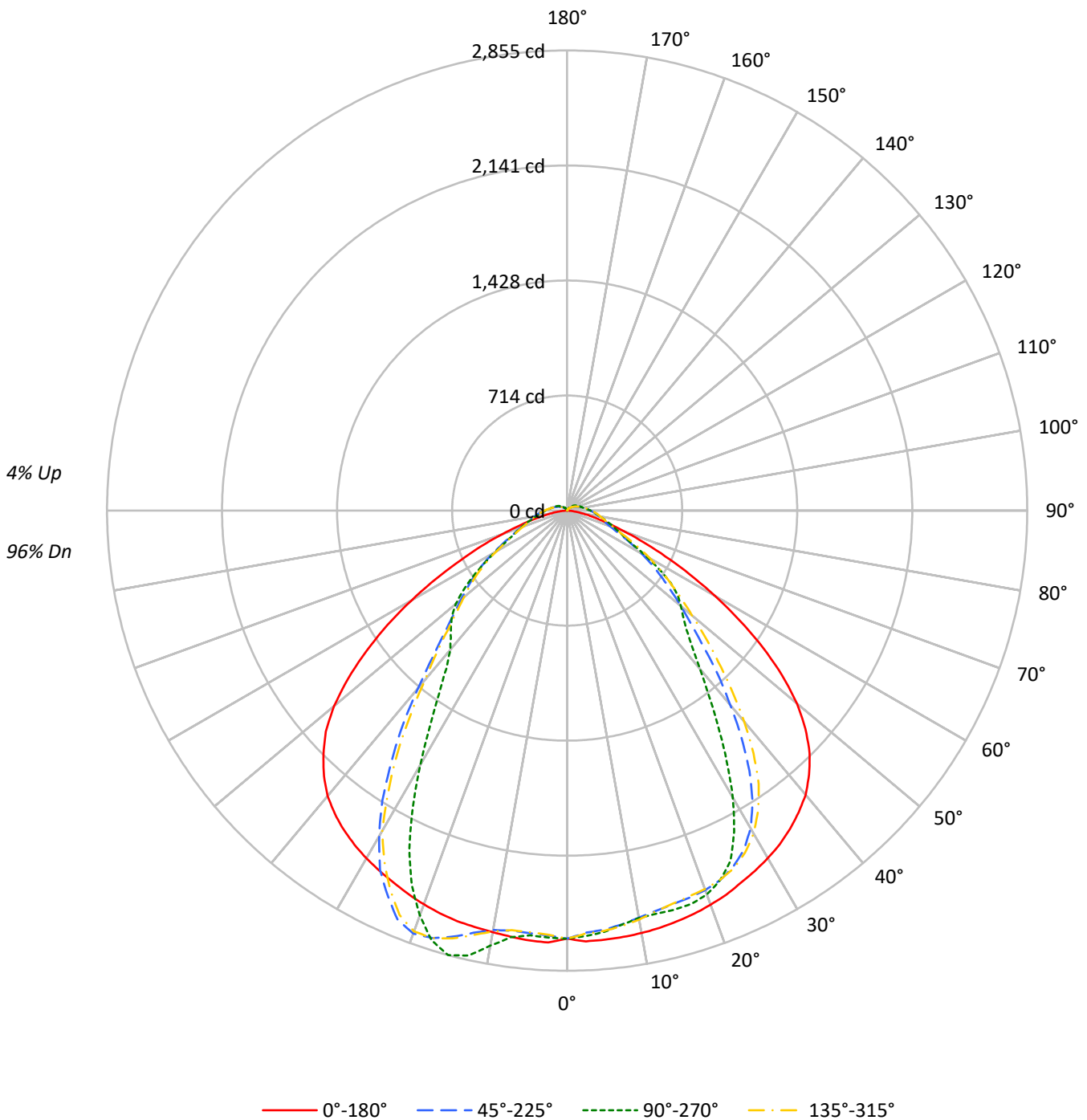
Input Watts (W): 44.8
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P290200

CATALOG NUMBER: 4SSRK-LC-60-L830-CD1-U

Luminous Intensity Polar Plot





TEST NUMBER: P290200

CATALOG NUMBER: 4SSRK-LC-60-L830-CD1-U

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20					20					20					20					20					
RC	80					70					50					30					10					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0		
RCR																										
0	118	118	118	118	115	115	115	115	109	109	109	103	103	103	98	98	98	96								
1	109	104	100	97	106	102	98	95	97	94	91	92	90	88	88	86	84	82								
2	100	93	86	81	97	90	85	80	86	82	77	82	79	75	79	76	73	71								
3	92	83	75	69	89	81	74	68	77	71	67	74	69	65	71	67	63	61								
4	85	74	66	60	83	73	65	59	70	63	58	67	61	57	64	60	56	54								
5	79	67	59	52	76	66	58	52	63	56	51	61	55	50	59	53	49	47								
6	73	61	52	46	71	60	52	46	57	51	45	55	49	45	54	48	44	42								
7	68	55	47	42	66	54	47	41	53	46	41	51	45	40	49	44	40	38								
8	64	51	43	37	62	50	42	37	48	42	37	47	41	36	45	40	36	34								
9	60	47	39	34	58	46	39	34	45	38	33	43	37	33	42	37	33	31								
10	56	43	36	31	54	43	36	31	42	35	30	40	34	30	39	34	30	28								

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	171526	171526	171526	171526
5°	172615	126029	172970	127018
10°	173260	98705	172902	105404
15°	174432	82746	174346	92131
20°	176185	70948	175996	74785
25°	178171	59639	178074	57625
30°	181320	46339	181422	41053
35°	184644	33863	185173	28655
40°	187511	24769	188293	21822
45°	186558	19120	187523	18619
50°	178193	16061	180681	15703
55°	157741	13163	161684	11967
60°	127592	9164	134362	8403
65°	94494	6347	101802	6020
70°	63927	4926	72059	4711
75°	41484	3954	48286	3739
80°	26413	3232	30956	2973
85°	13101	2763	17217	2523



TEST NUMBER: P290200

CATALOG NUMBER: 4SSRK-LC-60-L830-CD1-U

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	252.3	4.0
10°-20°	750.6	11.9
20°-30°	1141.1	18.0
30°-40°	1224.2	19.3
40°-50°	1062.5	16.8
50°-60°	787.4	12.4
60°-70°	451.1	7.1
70°-80°	249.8	3.9
80°-90°	152.1	2.4
90°-100°	98.9	1.6
100°-110°	66.3	1.0
110°-120°	44.7	0.7
120°-130°	27.5	0.4
130°-140°	14.4	0.2
140°-150°	6.6	0.1
150°-160°	1.9	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	2144.0	33.9
0°-40°	3368.2	53.2
0°-60°	5218.0	82.4
0°-90°	6071.1	95.9
90°-120°	209.9	3.3
90°-150°	258.4	4.1
90°-180°	260.0	4.1
0°-180°	6331.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2656	2656	2656	2656	2656	
5°	2672	2624	2678	2645	2672	255
15°	2638	2564	2637	2855	2638	746
25°	2549	2398	2548	2317	2549	1178
35°	2410	1632	2417	1381	2410	1509
45°	2128	1047	2139	1019	2128	1629
55°	1484	785	1521	713	1484	1316
65°	674	398	726	377	674	679
75°	192	252	224	239	192	219
85°	26	174	34	159	26	34
90°	0	145	3	134	0	1
95°	1	119	0	114	1	1
105°	1	89	1	85	1	1
115°	1	73	1	66	1	1
125°	1	55	1	45	1	1
135°	1	34	1	29	1	1
145°	1	21	3	16	1	1
155°	3	10	3	8	3	1
165°	0	0	0	0	0	0
175°	0	0	0	0	0	0
180°	0	0	0	0	0	0



TEST NUMBER: P290200

CATALOG NUMBER: 4SSRK-LC-60-L830-CD1-U

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	2655.9	2655.9	2655.9	2655.9	2655.9	2655.9	2655.9	2655.9	2655.9	2655.9	2655.9
2.5°	2675.1	2668.2	2665.5	2660.0	2664.1	2680.6	2669.6	2651.8	2653.1	2621.6	2638.0
5°	2672.3	2664.1	2660.0	2654.5	2657.2	2672.3	2661.4	2643.5	2642.2	2610.6	2625.7
7.5°	2668.2	2660.0	2653.1	2649.0	2650.4	2662.7	2649.0	2628.4	2624.3	2590.0	2603.7
10°	2661.4	2655.9	2646.3	2639.4	2638.0	2651.8	2629.8	2609.2	2599.6	2564.0	2577.7
12.5°	2651.8	2643.5	2633.9	2621.6	2620.2	2628.4	2610.6	2581.8	2572.2	2543.4	2558.5
15°	2638.0	2628.4	2617.5	2603.7	2596.9	2602.4	2580.4	2554.4	2553.0	2528.3	2548.9
17.5°	2623.0	2609.2	2596.9	2577.7	2568.1	2572.2	2554.4	2531.0	2533.8	2518.7	2542.0
20°	2602.4	2587.3	2568.1	2548.9	2535.2	2542.0	2529.7	2511.8	2515.9	2505.0	2525.6
22.5°	2579.1	2558.5	2535.2	2513.2	2502.2	2511.8	2502.2	2487.1	2488.5	2481.7	2494.0
25°	2548.9	2525.6	2498.1	2470.7	2465.2	2472.0	2466.6	2454.2	2448.7	2437.8	2443.2
27.5°	2521.4	2495.4	2461.1	2432.3	2422.7	2436.4	2424.0	2403.5	2388.4	2373.3	2362.3
30°	2489.9	2458.3	2419.9	2387.0	2378.8	2384.3	2366.4	2334.9	2295.1	2275.9	2245.7
32.5°	2455.6	2414.4	2366.4	2329.4	2323.9	2319.8	2286.9	2241.6	2179.8	2141.4	2094.8
35°	2410.3	2365.0	2307.4	2262.2	2253.9	2230.6	2177.1	2116.7	2037.2	1971.3	1891.8
37.5°	2359.6	2306.1	2245.7	2185.3	2162.0	2115.4	2039.9	1976.8	1856.1	1776.5	1680.5
40°	2301.9	2237.5	2163.4	2090.7	2052.3	1976.8	1890.4	1797.1	1680.5	1573.5	1492.6
42.5°	2222.4	2153.8	2066.0	1985.0	1919.2	1819.1	1717.5	1585.8	1478.8	1388.3	1306.0
45°	2127.7	2045.4	1943.9	1846.5	1762.8	1643.5	1524.1	1392.4	1303.2	1197.6	1141.4
47.5°	2005.6	1916.5	1808.1	1699.7	1590.0	1458.3	1333.4	1207.2	1118.0	1042.6	1001.4
50°	1861.6	1779.3	1659.9	1531.0	1410.2	1273.1	1148.2	1053.6	967.1	920.5	889.0
52.5°	1683.2	1606.4	1484.3	1344.4	1227.8	1093.4	979.5	902.7	840.9	806.6	795.7
55°	1484.3	1417.1	1296.4	1166.1	1046.7	923.2	836.8	769.6	729.8	709.2	710.6
57.5°	1271.7	1219.6	1105.7	989.1	876.6	783.3	705.1	651.6	621.4	620.1	624.2
60°	1059.1	1020.6	921.9	821.7	723.0	647.5	589.9	552.9	533.6	535.0	533.6
62.5°	856.0	820.4	749.0	666.7	588.5	537.8	485.6	470.5	454.1	452.7	452.7
65°	673.6	646.1	588.5	529.5	470.5	437.6	411.6	393.7	381.4	378.6	380.0
67.5°	506.2	495.2	455.4	415.7	378.6	358.0	336.1	332.0	322.4	322.4	325.1
70°	377.3	369.0	347.1	323.8	308.7	294.9	284.0	284.0	282.6	281.2	288.1
72.5°	273.0	274.4	267.5	249.7	248.3	245.6	242.8	246.9	248.3	252.4	260.6
75°	192.1	196.2	196.2	193.4	198.9	205.8	209.9	216.8	225.0	230.5	240.1
77.5°	135.8	135.8	142.7	150.9	161.9	174.2	185.2	194.8	205.8	212.6	220.9
80°	87.8	91.9	102.9	118.0	133.1	149.5	164.6	177.0	187.9	198.9	204.4
82.5°	52.1	59.0	72.7	91.9	111.1	131.7	146.8	161.9	174.2	185.2	189.3
85°	26.1	35.7	52.1	72.7	93.3	115.2	134.4	148.2	161.9	171.5	177.0
87.5°	8.2	19.2	37.0	56.2	78.2	100.1	120.7	135.8	148.2	156.4	161.9
90°	0.0	9.6	26.1	46.6	67.2	89.2	108.4	124.8	137.2	144.0	148.2
92.5°	0.0	5.5	20.6	38.4	57.6	79.6	98.8	113.9	124.8	131.7	134.4
95°	1.4	4.1	15.1	31.6	50.8	71.3	89.2	102.9	113.9	120.7	122.1
97.5°	1.4	2.7	12.3	26.1	43.9	63.1	80.9	94.7	102.9	109.7	111.1
100°	1.4	2.7	9.6	23.3	38.4	56.2	72.7	85.1	94.7	100.1	101.5
102.5°	1.4	1.4	8.2	19.2	34.3	49.4	64.5	76.8	85.1	90.5	93.3
105°	1.4	1.4	6.9	16.5	30.2	43.9	57.6	70.0	76.8	82.3	85.1
107.5°	1.4	1.4	5.5	13.7	26.1	38.4	52.1	61.7	70.0	75.5	78.2
110°	1.4	1.4	4.1	12.3	21.9	34.3	45.3	54.9	63.1	68.6	71.3



TEST NUMBER: P290200

CATALOG NUMBER: 4SSRK-LC-60-L830-CD1-U

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	1.4	1.4	4.1	11.0	19.2	30.2	39.8	49.4	56.2	61.7	65.8
115°	1.4	1.4	4.1	9.6	17.8	26.1	35.7	43.9	50.8	56.2	60.4
117.5°	1.4	1.4	4.1	8.2	15.1	23.3	31.6	39.8	45.3	50.8	54.9
120°	1.4	1.4	2.7	6.9	13.7	20.6	27.4	34.3	41.2	46.6	50.8
122.5°	1.4	1.4	2.7	6.9	11.0	17.8	24.7	30.2	37.0	41.2	45.3
125°	1.4	1.4	2.7	5.5	9.6	16.5	21.9	27.4	31.6	37.0	41.2
127.5°	1.4	1.4	2.7	5.5	8.2	13.7	19.2	24.7	28.8	32.9	35.7
130°	1.4	1.4	2.7	4.1	6.9	11.0	16.5	20.6	26.1	28.8	31.6
132.5°	1.4	1.4	1.4	4.1	5.5	8.2	12.3	17.8	21.9	26.1	27.4
135°	1.4	1.4	1.4	2.7	5.5	6.9	9.6	13.7	17.8	21.9	24.7
137.5°	1.4	1.4	1.4	2.7	4.1	6.9	8.2	11.0	15.1	17.8	21.9
140°	1.4	1.4	1.4	2.7	4.1	5.5	6.9	9.6	12.3	15.1	17.8
142.5°	1.4	1.4	1.4	2.7	2.7	4.1	5.5	8.2	9.6	12.3	15.1
145°	1.4	1.4	1.4	2.7	2.7	4.1	5.5	6.9	8.2	9.6	12.3
147.5°	1.4	1.4	1.4	2.7	2.7	2.7	4.1	5.5	6.9	8.2	9.6
150°	2.7	2.7	2.7	2.7	2.7	2.7	4.1	4.1	5.5	6.9	8.2
152.5°	2.7	2.7	2.7	2.7	2.7	2.7	4.1	4.1	4.1	5.5	6.9
155°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	4.1	4.1	5.5	5.5
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P290200

CATALOG NUMBER: 4SSRK-LC-60-L830-CD1-U

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	2655.9	2655.9	2655.9	2655.9	2655.9	2655.9	2655.9	2655.9	2655.9	2655.9	2655.9
2.5°	2632.6	2635.3	2651.8	2650.4	2647.6	2644.9	2644.9	2642.2	2644.9	2651.8	2649.0
5°	2618.8	2623.0	2635.3	2633.9	2631.2	2629.8	2628.4	2624.3	2627.1	2636.7	2633.9
7.5°	2594.1	2598.3	2609.2	2603.7	2599.6	2602.4	2595.5	2591.4	2596.9	2606.5	2605.1
10°	2568.1	2570.8	2584.5	2581.8	2574.9	2576.3	2569.5	2566.7	2573.6	2579.1	2580.4
12.5°	2550.2	2559.8	2572.2	2570.8	2569.5	2570.8	2564.0	2561.2	2565.3	2570.8	2569.5
15°	2546.1	2558.5	2572.2	2572.2	2573.6	2574.9	2568.1	2564.0	2568.1	2572.2	2570.8
17.5°	2542.0	2557.1	2569.5	2568.1	2569.5	2572.2	2561.2	2558.5	2564.0	2569.5	2566.7
20°	2528.3	2542.0	2550.2	2547.5	2547.5	2548.9	2535.2	2535.2	2543.4	2547.5	2548.9
22.5°	2489.9	2506.3	2506.3	2499.5	2499.5	2494.0	2489.9	2481.7	2491.3	2498.1	2503.6
25°	2432.3	2439.1	2430.9	2415.8	2407.6	2400.7	2381.5	2398.0	2398.0	2418.5	2425.4
27.5°	2351.3	2336.2	2312.9	2281.4	2274.5	2252.6	2240.2	2244.3	2251.2	2280.0	2301.9
30°	2218.3	2173.0	2133.2	2119.5	2089.3	2067.4	2045.4	2056.4	2068.7	2085.2	2130.5
32.5°	2042.7	1998.8	1934.3	1911.0	1879.4	1852.0	1825.9	1842.4	1864.3	1875.3	1924.7
35°	1841.0	1788.9	1729.9	1690.1	1657.2	1642.1	1609.2	1632.5	1655.8	1664.0	1706.6
37.5°	1627.0	1573.5	1521.4	1487.1	1455.5	1445.9	1424.0	1440.4	1458.3	1470.6	1506.3
40°	1424.0	1374.6	1334.8	1311.5	1289.5	1281.3	1273.1	1279.9	1293.6	1303.2	1330.7
42.5°	1249.7	1210.0	1182.5	1168.8	1153.7	1142.7	1144.1	1146.9	1153.7	1174.3	1186.6
45°	1097.5	1074.1	1056.3	1053.6	1044.0	1042.6	1041.2	1046.7	1050.8	1063.2	1072.8
47.5°	975.4	965.8	961.7	967.1	971.3	965.8	968.5	975.4	983.6	983.6	982.2
50°	879.3	882.1	887.6	899.9	908.2	910.9	913.6	921.9	923.2	926.0	921.9
52.5°	801.2	803.9	819.0	838.2	847.8	851.9	857.4	865.6	865.6	868.4	862.9
55°	721.6	725.7	740.8	760.0	768.2	773.7	779.2	784.7	788.8	794.3	790.2
57.5°	633.8	646.1	655.7	661.2	666.7	670.8	674.9	676.3	684.5	685.9	692.8
60°	540.5	543.2	552.9	551.5	547.4	558.3	552.9	562.5	572.1	584.4	585.8
62.5°	451.3	452.7	459.6	456.8	462.3	460.9	465.1	465.1	471.9	477.4	484.3
65°	381.4	382.7	388.2	388.2	386.9	391.0	395.1	397.8	397.8	401.9	407.4
67.5°	329.2	333.4	338.8	341.6	344.3	344.3	348.4	349.8	352.6	353.9	356.7
70°	293.6	299.1	304.5	307.3	308.7	311.4	312.8	312.8	315.5	316.9	319.6
72.5°	267.5	273.0	277.1	277.1	279.9	281.2	281.2	282.6	284.0	286.7	289.5
75°	245.6	249.7	252.4	251.0	251.0	251.0	252.4	252.4	255.2	257.9	260.6
77.5°	225.0	229.1	229.1	226.4	226.4	226.4	226.4	227.7	229.1	231.8	234.6
80°	209.9	209.9	208.5	208.5	205.8	204.4	204.4	205.8	205.8	208.5	212.6
82.5°	193.4	193.4	192.1	190.7	189.3	187.9	187.9	189.3	190.7	192.1	194.8
85°	178.3	178.3	175.6	175.6	174.2	174.2	174.2	174.2	175.6	177.0	179.7
87.5°	163.2	161.9	160.5	159.1	159.1	159.1	159.1	159.1	160.5	163.2	164.6
90°	148.2	146.8	145.4	145.4	144.0	144.0	145.4	145.4	146.8	148.2	149.5
92.5°	134.4	133.1	131.7	131.7	130.3	130.3	131.7	130.3	133.1	133.1	134.4
95°	122.1	120.7	119.3	119.3	119.3	119.3	119.3	119.3	120.7	120.7	122.1
97.5°	111.1	109.7	108.4	108.4	109.7	108.4	109.7	109.7	109.7	111.1	112.5
100°	101.5	100.1	100.1	101.5	100.1	100.1	101.5	101.5	101.5	101.5	102.9
102.5°	93.3	93.3	93.3	93.3	93.3	93.3	94.7	94.7	94.7	94.7	96.0
105°	85.1	86.4	86.4	86.4	87.8	87.8	87.8	89.2	89.2	89.2	89.2
107.5°	79.6	80.9	80.9	82.3	82.3	83.7	83.7	83.7	83.7	85.1	85.1
110°	74.1	75.5	76.8	78.2	78.2	79.6	79.6	79.6	79.6	79.6	79.6



TEST NUMBER: P290200

CATALOG NUMBER: 4SSRK-LC-60-L830-CD1-U

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	68.6	70.0	71.3	74.1	75.5	75.5	75.5	75.5	76.8	76.8	75.5
115°	63.1	65.8	67.2	70.0	71.3	71.3	72.7	72.7	72.7	72.7	71.3
117.5°	57.6	61.7	63.1	65.8	67.2	67.2	68.6	68.6	68.6	68.6	67.2
120°	53.5	56.2	59.0	60.4	61.7	63.1	63.1	64.5	64.5	64.5	63.1
122.5°	49.4	52.1	54.9	56.2	57.6	59.0	59.0	59.0	59.0	59.0	59.0
125°	43.9	46.6	49.4	50.8	52.1	53.5	53.5	54.9	54.9	54.9	53.5
127.5°	39.8	42.5	43.9	46.6	48.0	48.0	49.4	49.4	49.4	49.4	48.0
130°	34.3	37.0	39.8	41.2	42.5	42.5	43.9	43.9	43.9	43.9	43.9
132.5°	30.2	32.9	34.3	37.0	37.0	38.4	38.4	39.8	39.8	39.8	38.4
135°	27.4	28.8	30.2	32.9	32.9	34.3	34.3	34.3	34.3	34.3	34.3
137.5°	24.7	26.1	27.4	28.8	28.8	30.2	30.2	30.2	30.2	31.6	30.2
140°	20.6	23.3	24.7	24.7	26.1	26.1	26.1	27.4	27.4	27.4	26.1
142.5°	17.8	19.2	20.6	21.9	23.3	23.3	23.3	23.3	24.7	23.3	23.3
145°	13.7	16.5	17.8	19.2	20.6	20.6	20.6	20.6	20.6	20.6	20.6
147.5°	11.0	12.3	15.1	16.5	16.5	17.8	17.8	17.8	17.8	17.8	17.8
150°	9.6	9.6	12.3	13.7	15.1	15.1	15.1	15.1	15.1	15.1	15.1
152.5°	6.9	8.2	9.6	11.0	12.3	12.3	12.3	12.3	12.3	12.3	12.3
155°	6.9	6.9	8.2	8.2	9.6	9.6	9.6	9.6	11.0	9.6	9.6
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P290200

CATALOG NUMBER: 4SSRK-LC-60-L830-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	2655.9	2655.9	2655.9	2655.9	2655.9	2655.9	2655.9	2655.9	2655.9	2655.9	2655.9
2.5°	2644.9	2643.5	2649.0	2643.5	2616.1	2627.1	2623.0	2638.0	2639.4	2643.5	2657.2
5°	2631.2	2631.2	2638.0	2632.6	2606.5	2617.5	2616.1	2631.2	2633.9	2636.7	2651.8
7.5°	2603.7	2605.1	2614.7	2610.6	2583.2	2599.6	2598.3	2616.1	2621.6	2627.1	2640.8
10°	2577.7	2576.3	2587.3	2583.2	2557.1	2576.3	2574.9	2592.8	2601.0	2610.6	2627.1
12.5°	2564.0	2559.8	2564.0	2559.8	2531.0	2546.1	2547.5	2568.1	2577.7	2590.0	2609.2
15°	2564.0	2557.1	2557.1	2548.9	2515.9	2525.6	2526.9	2540.6	2553.0	2565.3	2588.7
17.5°	2561.2	2554.4	2553.0	2546.1	2510.5	2510.5	2509.1	2518.7	2525.6	2537.9	2562.6
20°	2546.1	2543.4	2542.0	2537.9	2505.0	2499.5	2496.7	2496.7	2500.9	2505.0	2529.7
22.5°	2506.3	2509.1	2511.8	2514.6	2488.5	2478.9	2480.3	2477.5	2473.4	2473.4	2494.0
25°	2432.3	2446.0	2457.0	2469.3	2454.2	2447.4	2455.6	2451.5	2444.6	2439.1	2457.0
27.5°	2314.3	2343.1	2366.4	2396.6	2398.0	2392.5	2414.4	2411.7	2410.3	2402.1	2415.8
30°	2151.0	2196.3	2227.9	2271.8	2308.8	2314.3	2351.3	2356.8	2362.3	2358.2	2371.9
32.5°	1953.5	2015.2	2068.7	2137.3	2173.0	2204.5	2256.7	2278.6	2300.6	2307.4	2322.5
35°	1738.1	1808.1	1871.2	1946.6	2002.9	2071.5	2134.6	2167.5	2216.9	2236.1	2258.0
37.5°	1533.7	1599.6	1661.3	1736.7	1827.3	1898.6	1976.8	2050.9	2118.1	2145.6	2178.5
40°	1352.6	1406.1	1465.1	1531.0	1613.3	1706.6	1791.6	1894.5	1974.1	2028.9	2077.0
42.5°	1215.4	1241.5	1292.3	1351.3	1417.1	1511.8	1598.2	1713.4	1809.5	1887.6	1967.2
45°	1093.4	1105.7	1142.7	1174.3	1241.5	1325.2	1417.1	1529.6	1629.7	1729.9	1825.9
47.5°	989.1	1004.2	1022.0	1041.2	1089.2	1159.2	1238.8	1340.3	1440.4	1557.0	1666.8
50°	919.1	923.2	926.0	934.2	963.0	1011.0	1075.5	1161.9	1258.0	1382.8	1499.4
52.5°	857.4	857.4	849.2	845.1	856.0	886.2	923.2	985.0	1083.8	1199.0	1322.5
55°	791.5	779.2	776.5	762.7	765.5	779.2	797.0	845.1	926.0	1024.8	1144.1
57.5°	699.6	694.1	694.1	688.7	677.7	684.5	688.7	723.0	780.6	865.6	969.9
60°	594.0	591.3	598.1	599.5	589.9	594.0	592.6	613.2	654.4	723.0	809.4
62.5°	488.4	500.7	502.1	507.6	502.1	500.7	507.6	525.4	546.0	598.1	665.3
65°	410.2	417.0	418.4	425.3	422.5	422.5	428.0	441.7	454.1	489.7	541.9
67.5°	359.4	356.7	358.0	362.2	358.0	356.7	360.8	369.0	378.6	400.6	437.6
70°	319.6	316.9	316.9	316.9	311.4	307.3	308.7	311.4	315.5	327.9	351.2
72.5°	289.5	289.5	285.3	281.2	277.1	274.4	271.6	268.9	267.5	271.6	284.0
75°	262.0	263.4	262.0	257.9	252.4	246.9	241.4	236.0	229.1	226.4	227.7
77.5°	237.3	238.7	240.1	238.7	233.2	226.4	218.1	209.9	200.3	190.7	185.2
80°	215.4	218.1	219.5	218.1	214.0	208.5	198.9	189.3	175.6	163.2	149.5
82.5°	196.2	200.3	201.7	201.7	198.9	193.4	182.5	171.5	156.4	139.9	122.1
85°	181.1	183.8	186.6	186.6	185.2	179.7	168.7	156.4	141.3	122.1	102.9
87.5°	166.0	167.4	170.1	172.9	170.1	164.6	155.0	141.3	126.2	107.0	85.1
90°	150.9	152.3	155.0	157.8	156.4	150.9	142.7	130.3	113.9	93.3	71.3
92.5°	135.8	138.6	139.9	141.3	142.7	138.6	131.7	119.3	102.9	82.3	61.7
95°	124.8	124.8	127.6	129.0	130.3	126.2	120.7	108.4	93.3	74.1	53.5
97.5°	113.9	113.9	116.6	116.6	118.0	115.2	109.7	98.8	83.7	65.8	45.3
100°	102.9	104.3	105.6	107.0	107.0	105.6	100.1	89.2	75.5	59.0	39.8
102.5°	96.0	96.0	97.4	97.4	98.8	96.0	90.5	80.9	67.2	52.1	34.3
105°	89.2	89.2	90.5	90.5	89.2	86.4	80.9	72.7	60.4	45.3	30.2
107.5°	83.7	83.7	83.7	83.7	82.3	79.6	74.1	64.5	53.5	41.2	27.4
110°	79.6	78.2	78.2	76.8	75.5	71.3	65.8	57.6	48.0	35.7	23.3



TEST NUMBER: P290200

CATALOG NUMBER: 4SSRK-LC-60-L830-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	75.5	74.1	72.7	71.3	68.6	64.5	59.0	52.1	42.5	31.6	20.6
115°	71.3	70.0	68.6	65.8	63.1	59.0	53.5	46.6	37.0	27.4	17.8
117.5°	67.2	65.8	63.1	60.4	57.6	53.5	48.0	41.2	32.9	24.7	16.5
120°	61.7	60.4	59.0	56.2	53.5	48.0	42.5	37.0	28.8	21.9	13.7
122.5°	57.6	56.2	53.5	52.1	48.0	43.9	38.4	32.9	26.1	19.2	12.3
125°	52.1	50.8	49.4	46.6	43.9	38.4	34.3	28.8	23.3	16.5	9.6
127.5°	48.0	46.6	43.9	41.2	38.4	34.3	30.2	26.1	20.6	13.7	9.6
130°	42.5	41.2	39.8	37.0	34.3	30.2	27.4	21.9	17.8	12.3	8.2
132.5°	37.0	37.0	35.7	32.9	30.2	27.4	23.3	19.2	15.1	11.0	6.9
135°	34.3	32.9	31.6	28.8	27.4	23.3	20.6	16.5	12.3	9.6	5.5
137.5°	30.2	28.8	27.4	26.1	23.3	20.6	17.8	13.7	11.0	8.2	5.5
140°	26.1	24.7	24.7	21.9	20.6	17.8	15.1	12.3	9.6	6.9	4.1
142.5°	23.3	21.9	20.6	19.2	17.8	15.1	12.3	9.6	8.2	5.5	4.1
145°	20.6	19.2	17.8	16.5	15.1	12.3	11.0	8.2	6.9	5.5	4.1
147.5°	16.5	16.5	15.1	13.7	12.3	11.0	9.6	8.2	5.5	4.1	2.7
150°	13.7	13.7	12.3	11.0	11.0	9.6	8.2	6.9	5.5	4.1	2.7
152.5°	12.3	11.0	11.0	9.6	9.6	8.2	6.9	5.5	4.1	4.1	2.7
155°	9.6	9.6	9.6	8.2	8.2	6.9	5.5	5.5	4.1	2.7	2.7
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P290200

CATALOG NUMBER: 4SSRK-LC-60-L830-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	2655.9	2655.9	2655.9	2655.9	2655.9	2655.9	2655.9	2655.9	2655.9	2655.9	2655.9
2.5°	2660.0	2643.5	2657.2	2681.9	2679.2	2676.5	2673.7	2679.2	2697.0	2687.4	2672.3
5°	2655.9	2639.4	2654.5	2677.8	2676.5	2672.3	2669.6	2675.1	2692.9	2683.3	2666.9
7.5°	2647.6	2632.6	2643.5	2666.9	2666.9	2664.1	2661.4	2666.9	2683.3	2675.1	2658.6
10°	2633.9	2623.0	2633.9	2655.9	2657.2	2651.8	2649.0	2655.9	2672.3	2668.2	2654.5
12.5°	2623.0	2612.0	2624.3	2646.3	2647.6	2642.2	2638.0	2646.3	2668.2	2671.0	2666.9
15°	2607.9	2598.3	2613.3	2636.7	2636.7	2632.6	2632.6	2643.5	2673.7	2686.1	2692.9
17.5°	2585.9	2579.1	2596.9	2620.2	2621.6	2618.8	2620.2	2642.2	2681.9	2712.1	2731.3
20°	2558.5	2555.7	2574.9	2599.6	2603.7	2605.1	2612.0	2644.9	2699.8	2740.9	2760.1
22.5°	2525.6	2526.9	2548.9	2574.9	2580.4	2584.5	2598.3	2644.9	2713.5	2757.4	2765.6
25°	2488.5	2492.6	2515.9	2547.5	2554.4	2562.6	2585.9	2646.3	2717.6	2746.4	2732.7
27.5°	2448.7	2457.0	2487.1	2520.1	2528.3	2542.0	2572.2	2638.0	2698.4	2699.8	2649.0
30°	2407.6	2417.2	2452.8	2491.3	2505.0	2518.7	2555.7	2618.8	2651.8	2607.9	2518.7
32.5°	2360.9	2374.6	2410.3	2457.0	2473.4	2491.3	2528.3	2581.8	2569.5	2474.8	2347.2
35°	2301.9	2321.1	2362.3	2417.2	2432.3	2455.6	2481.7	2494.0	2439.1	2304.7	2160.6
37.5°	2229.2	2258.0	2306.1	2369.2	2385.6	2400.7	2407.6	2373.3	2263.5	2118.1	1968.6
40°	2145.6	2189.5	2241.6	2311.5	2328.0	2328.0	2303.3	2230.6	2092.1	1901.4	1735.4
42.5°	2044.0	2097.5	2163.4	2233.4	2249.8	2230.6	2171.6	2044.0	1886.3	1673.6	1498.0
45°	1920.6	1991.9	2066.0	2138.7	2146.9	2104.4	1998.8	1836.9	1642.1	1444.5	1277.2
47.5°	1773.8	1867.1	1948.0	2030.3	2019.3	1948.0	1806.7	1622.9	1417.1	1230.5	1096.1
50°	1609.2	1718.9	1809.5	1887.6	1864.3	1765.6	1599.6	1407.5	1203.1	1044.0	932.8
52.5°	1433.6	1559.8	1650.3	1713.4	1681.9	1563.9	1381.4	1197.6	1030.2	884.8	810.8
55°	1251.1	1378.7	1472.0	1521.4	1480.2	1352.6	1172.9	1005.6	847.8	753.1	709.2
57.5°	1074.1	1193.5	1281.3	1321.1	1268.9	1141.4	975.4	834.1	720.2	640.6	618.7
60°	904.0	1001.4	1085.1	1115.3	1059.1	941.1	798.4	685.9	602.2	547.4	536.4
62.5°	746.3	825.8	891.7	915.0	860.1	768.2	644.8	561.1	502.1	474.7	460.9
65°	616.0	662.6	729.8	725.7	692.8	607.7	517.2	458.2	419.8	401.9	393.7
67.5°	484.3	526.8	569.3	574.8	533.6	474.7	415.7	373.1	352.6	343.0	338.8
70°	374.5	406.1	432.1	425.3	403.3	366.3	329.2	305.9	297.7	293.6	293.6
72.5°	290.8	307.3	319.6	311.4	297.7	278.5	260.6	251.0	252.4	255.2	257.9
75°	225.0	229.1	231.8	223.6	220.9	208.5	207.1	208.5	216.8	225.0	229.1
77.5°	172.9	167.4	163.2	155.0	156.4	155.0	161.9	172.9	185.2	197.5	208.5
80°	133.1	120.7	111.1	102.9	107.0	113.9	127.6	144.0	160.5	174.2	187.9
82.5°	102.9	85.1	71.3	63.1	71.3	82.3	100.1	120.7	139.9	155.0	170.1
85°	79.6	59.0	42.5	34.3	42.5	59.0	78.2	101.5	122.1	138.6	153.6
87.5°	61.7	42.5	23.3	13.7	23.3	41.2	63.1	85.1	105.6	124.8	139.9
90°	49.4	28.8	11.0	2.7	12.3	28.8	49.4	71.3	91.9	112.5	127.6
92.5°	39.8	20.6	5.5	0.0	6.9	21.9	41.2	61.7	82.3	101.5	116.6
95°	32.9	16.5	4.1	0.0	5.5	16.5	32.9	53.5	72.7	91.9	104.3
97.5°	27.4	12.3	2.7	0.0	2.7	13.7	27.4	45.3	64.5	82.3	94.7
100°	23.3	11.0	2.7	0.0	2.7	11.0	23.3	39.8	56.2	72.7	85.1
102.5°	19.2	8.2	1.4	1.4	1.4	8.2	20.6	34.3	49.4	64.5	76.8
105°	17.8	6.9	1.4	1.4	1.4	6.9	17.8	30.2	43.9	57.6	68.6
107.5°	15.1	5.5	1.4	1.4	1.4	5.5	15.1	26.1	39.8	52.1	61.7
110°	12.3	5.5	1.4	1.4	1.4	5.5	12.3	23.3	34.3	45.3	54.9



TEST NUMBER: P290200

CATALOG NUMBER: 4SSRK-LC-60-L830-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	11.0	4.1	1.4	1.4	1.4	4.1	11.0	20.6	30.2	41.2	49.4
115°	9.6	4.1	1.4	1.4	1.4	4.1	9.6	17.8	26.1	35.7	43.9
117.5°	8.2	4.1	1.4	1.4	1.4	2.7	8.2	15.1	23.3	31.6	39.8
120°	6.9	2.7	1.4	1.4	1.4	2.7	6.9	13.7	20.6	27.4	34.3
122.5°	6.9	2.7	1.4	1.4	1.4	2.7	5.5	11.0	17.8	23.3	30.2
125°	5.5	2.7	1.4	1.4	1.4	1.4	5.5	9.6	15.1	20.6	26.1
127.5°	5.5	2.7	1.4	1.4	1.4	1.4	4.1	8.2	12.3	17.8	23.3
130°	4.1	2.7	1.4	1.4	1.4	1.4	2.7	6.9	11.0	15.1	19.2
132.5°	4.1	2.7	1.4	1.4	1.4	1.4	2.7	5.5	8.2	12.3	16.5
135°	4.1	1.4	1.4	1.4	1.4	1.4	1.4	4.1	6.9	9.6	12.3
137.5°	2.7	1.4	1.4	1.4	1.4	1.4	1.4	2.7	5.5	6.9	11.0
140°	2.7	1.4	1.4	1.4	1.4	1.4	1.4	2.7	4.1	5.5	8.2
142.5°	2.7	1.4	1.4	1.4	1.4	1.4	1.4	1.4	2.7	4.1	6.9
145°	2.7	1.4	1.4	2.7	2.7	1.4	1.4	2.7	2.7	4.1	5.5
147.5°	2.7	1.4	1.4	1.4	1.4	1.4	1.4	1.4	2.7	2.7	4.1
150°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	4.1
152.5°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
155°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P290200

CATALOG NUMBER: 4SSRK-LC-60-L830-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	2655.9	2655.9	2655.9	2655.9	2655.9	2655.9	2655.9	2655.9	2655.9	2655.9	2655.9
2.5°	2669.6	2638.0	2654.5	2649.0	2654.5	2668.2	2666.9	2662.7	2665.5	2658.6	2651.8
5°	2664.1	2632.6	2649.0	2642.2	2649.0	2662.7	2660.0	2655.9	2660.0	2651.8	2644.9
7.5°	2657.2	2628.4	2647.6	2646.3	2658.6	2676.5	2677.8	2677.8	2687.4	2675.1	2669.6
10°	2657.2	2642.2	2668.2	2677.8	2709.4	2732.7	2735.4	2740.9	2757.4	2754.6	2740.9
12.5°	2686.1	2683.3	2721.7	2745.0	2773.9	2806.8	2824.6	2830.1	2841.1	2832.8	2827.4
15°	2723.1	2736.8	2779.3	2805.4	2837.0	2861.7	2865.8	2868.5	2876.7	2864.4	2854.8
17.5°	2772.5	2780.7	2815.0	2826.0	2846.6	2850.7	2845.2	2831.5	2831.5	2804.0	2795.8
20°	2795.8	2791.7	2805.4	2787.6	2779.3	2754.6	2731.3	2705.3	2703.9	2675.1	2672.3
22.5°	2775.2	2747.8	2719.0	2675.1	2655.9	2620.2	2588.7	2573.6	2564.0	2526.9	2517.3
25°	2702.5	2635.3	2592.8	2540.6	2494.0	2452.8	2422.7	2391.1	2360.9	2330.8	2317.0
27.5°	2576.3	2513.2	2444.6	2371.9	2307.4	2244.3	2193.6	2162.0	2133.2	2093.4	2072.8
30°	2421.3	2333.5	2258.0	2188.1	2082.4	2005.6	1963.1	1900.0	1878.0	1860.2	1821.8
32.5°	2238.8	2133.2	2030.3	1935.7	1827.3	1756.0	1699.7	1653.1	1639.3	1592.7	1581.7
35°	2037.2	1898.6	1782.0	1688.7	1610.5	1524.1	1477.5	1445.9	1418.5	1386.9	1381.4
37.5°	1799.8	1675.0	1543.3	1461.0	1399.3	1325.2	1289.5	1267.6	1255.2	1231.9	1227.8
40°	1561.2	1436.3	1345.8	1263.5	1225.1	1185.3	1159.2	1149.6	1144.1	1135.9	1127.6
42.5°	1344.4	1234.7	1170.2	1115.3	1098.8	1079.6	1072.8	1078.3	1072.8	1070.0	1068.7
45°	1160.6	1076.9	1031.6	1015.2	1011.0	1005.6	1011.0	1020.6	1022.0	1019.3	1019.3
47.5°	993.2	953.4	934.2	937.0	943.8	947.9	957.5	969.9	972.6	965.8	968.5
50°	883.5	860.1	856.0	867.0	882.1	887.6	898.6	908.2	906.8	904.0	901.3
52.5°	780.6	773.7	784.7	795.7	812.1	814.9	819.0	823.1	821.7	816.2	813.5
55°	694.1	699.6	709.2	713.4	725.7	724.3	725.7	725.7	720.2	717.5	713.4
57.5°	616.0	617.3	622.8	624.2	631.0	628.3	626.9	624.2	616.0	614.6	610.5
60°	536.4	533.6	546.0	536.4	541.9	536.4	535.0	528.2	519.9	518.6	515.8
62.5°	460.9	455.4	463.7	459.6	462.3	456.8	454.1	445.8	439.0	437.6	436.2
65°	393.7	391.0	399.2	397.8	400.6	393.7	391.0	385.5	380.0	378.6	377.3
67.5°	337.5	344.3	348.4	348.4	351.2	349.8	343.0	341.6	340.2	334.7	334.7
70°	296.3	300.4	308.7	310.0	308.7	311.4	305.9	304.5	303.2	300.4	299.1
72.5°	263.4	268.9	277.1	278.5	277.1	277.1	274.4	273.0	273.0	268.9	268.9
75°	237.3	244.2	251.0	251.0	251.0	248.3	245.6	245.6	242.8	241.4	238.7
77.5°	215.4	223.6	229.1	227.7	226.4	223.6	223.6	219.5	215.4	215.4	212.6
80°	198.9	204.4	208.5	207.1	205.8	201.7	200.3	196.2	193.4	189.3	189.3
82.5°	181.1	187.9	190.7	189.3	186.6	182.5	181.1	178.3	175.6	174.2	171.5
85°	166.0	172.9	174.2	171.5	168.7	166.0	164.6	163.2	161.9	159.1	159.1
87.5°	150.9	157.8	157.8	156.4	153.6	152.3	150.9	149.5	148.2	146.8	145.4
90°	138.6	144.0	144.0	142.7	141.3	139.9	138.6	137.2	135.8	134.4	134.4
92.5°	126.2	131.7	131.7	130.3	129.0	127.6	127.6	126.2	124.8	123.5	122.1
95°	115.2	120.7	120.7	120.7	119.3	118.0	118.0	116.6	115.2	115.2	113.9
97.5°	104.3	109.7	109.7	109.7	108.4	107.0	107.0	105.6	105.6	105.6	104.3
100°	94.7	98.8	100.1	100.1	98.8	98.8	98.8	97.4	97.4	97.4	96.0
102.5°	85.1	89.2	91.9	91.9	91.9	90.5	90.5	90.5	90.5	90.5	89.2
105°	76.8	80.9	83.7	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
107.5°	70.0	74.1	76.8	78.2	79.6	79.6	80.9	80.9	80.9	80.9	80.9
110°	63.1	67.2	71.3	72.7	74.1	75.5	75.5	76.8	75.5	75.5	75.5



TEST NUMBER: P290200

CATALOG NUMBER: 4SSRK-LC-60-L830-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	56.2	61.7	64.5	67.2	68.6	70.0	71.3	71.3	71.3	71.3	71.3
115°	50.8	56.2	59.0	61.7	64.5	65.8	65.8	67.2	67.2	67.2	65.8
117.5°	45.3	50.8	53.5	56.2	57.6	60.4	61.7	61.7	61.7	61.7	60.4
120°	41.2	45.3	48.0	50.8	53.5	54.9	56.2	56.2	56.2	56.2	56.2
122.5°	35.7	39.8	43.9	46.6	48.0	49.4	50.8	50.8	50.8	50.8	50.8
125°	31.6	35.7	38.4	41.2	42.5	45.3	45.3	45.3	45.3	45.3	45.3
127.5°	27.4	31.6	34.3	37.0	38.4	39.8	41.2	41.2	41.2	41.2	41.2
130°	23.3	27.4	30.2	32.9	34.3	35.7	35.7	37.0	37.0	37.0	37.0
132.5°	20.6	23.3	26.1	28.8	30.2	31.6	31.6	32.9	32.9	32.9	32.9
135°	16.5	20.6	21.9	24.7	26.1	27.4	27.4	28.8	28.8	28.8	28.8
137.5°	13.7	16.5	19.2	21.9	23.3	23.3	24.7	24.7	26.1	26.1	26.1
140°	11.0	12.3	16.5	17.8	19.2	20.6	21.9	21.9	21.9	21.9	21.9
142.5°	8.2	11.0	12.3	15.1	16.5	17.8	19.2	19.2	19.2	19.2	19.2
145°	6.9	8.2	9.6	12.3	13.7	15.1	16.5	16.5	16.5	16.5	16.5
147.5°	5.5	6.9	8.2	9.6	11.0	12.3	13.7	13.7	13.7	13.7	13.7
150°	4.1	5.5	6.9	6.9	8.2	9.6	11.0	12.3	12.3	12.3	12.3
152.5°	4.1	4.1	5.5	5.5	6.9	8.2	9.6	9.6	9.6	9.6	9.6
155°	2.7	4.1	4.1	4.1	5.5	5.5	6.9	8.2	8.2	8.2	8.2
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P290200

CATALOG NUMBER: 4SSRK-LC-60-L830-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	2655.9	2655.9	2655.9	2655.9	2655.9	2655.9	2655.9	2655.9	2655.9	2655.9	2655.9
2.5°	2655.9	2661.4	2658.6	2654.5	2653.1	2660.0	2653.1	2621.6	2633.9	2635.3	2644.9
5°	2651.8	2655.9	2653.1	2650.4	2646.3	2654.5	2646.3	2613.3	2625.7	2627.1	2636.7
7.5°	2679.2	2680.6	2680.6	2673.7	2662.7	2666.9	2655.9	2618.8	2625.7	2625.7	2632.6
10°	2747.8	2750.5	2754.6	2736.8	2723.1	2712.1	2697.0	2651.8	2650.4	2639.4	2639.4
12.5°	2837.0	2830.1	2823.2	2815.0	2804.0	2790.3	2768.4	2714.9	2697.0	2679.2	2661.4
15°	2863.0	2860.3	2858.9	2854.8	2847.9	2843.8	2827.4	2773.9	2747.8	2725.8	2694.3
17.5°	2794.4	2799.9	2817.8	2819.1	2827.4	2843.8	2841.1	2804.0	2780.7	2771.1	2732.7
20°	2671.0	2672.3	2694.3	2703.9	2739.6	2767.0	2787.6	2783.5	2778.0	2788.9	2760.1
22.5°	2522.8	2532.4	2555.7	2570.8	2605.1	2636.7	2669.6	2687.4	2716.2	2761.5	2756.0
25°	2321.1	2333.5	2366.4	2391.1	2439.1	2487.1	2531.0	2562.6	2596.9	2683.3	2712.1
27.5°	2079.7	2098.9	2141.4	2166.1	2233.4	2282.7	2345.8	2407.6	2455.6	2554.4	2613.3
30°	1825.9	1842.4	1887.6	1921.9	1979.6	2046.8	2126.3	2214.1	2293.7	2393.9	2467.9
32.5°	1588.6	1606.4	1643.5	1673.6	1738.1	1794.4	1882.2	1990.5	2064.6	2203.2	2301.9
35°	1381.4	1397.9	1424.0	1450.0	1503.5	1561.2	1636.6	1742.2	1836.9	1980.9	2105.8
37.5°	1236.0	1238.8	1253.9	1268.9	1308.7	1352.6	1411.6	1504.9	1592.7	1747.7	1884.9
40°	1131.8	1131.8	1140.0	1144.1	1161.9	1188.0	1225.1	1297.8	1370.5	1488.4	1655.8
42.5°	1067.3	1064.5	1064.5	1065.9	1064.5	1076.9	1098.8	1133.1	1197.6	1295.0	1425.3
45°	1019.3	1013.8	1009.7	1000.1	994.6	994.6	996.0	1008.3	1045.3	1108.4	1214.1
47.5°	965.8	964.4	957.5	946.6	937.0	930.1	919.1	915.0	926.0	961.7	1033.0
50°	904.0	897.2	890.3	882.1	871.1	864.3	843.7	845.1	835.4	851.9	889.0
52.5°	813.5	808.0	805.3	798.4	794.3	791.5	775.1	758.6	754.5	757.3	771.0
55°	713.4	716.1	705.1	710.6	709.2	696.9	690.0	677.7	673.6	672.2	679.1
57.5°	609.1	611.8	605.0	610.5	610.5	603.6	599.5	599.5	589.9	581.7	591.3
60°	514.4	509.0	513.1	519.9	519.9	515.8	513.1	513.1	506.2	503.5	510.3
62.5°	437.6	432.1	436.2	443.1	444.5	441.7	439.0	439.0	430.8	430.8	436.2
65°	378.6	380.0	378.6	384.1	384.1	385.5	382.7	380.0	370.4	374.5	373.1
67.5°	336.1	334.7	334.7	340.2	338.8	341.6	338.8	334.7	327.9	322.4	321.0
70°	300.4	299.1	299.1	301.8	303.2	303.2	301.8	299.1	289.5	284.0	279.9
72.5°	268.9	267.5	268.9	270.3	271.6	273.0	271.6	268.9	260.6	253.8	246.9
75°	240.1	238.7	242.8	242.8	244.2	244.2	245.6	244.2	237.3	229.1	220.9
77.5°	211.3	212.6	216.8	218.1	220.9	222.2	223.6	223.6	216.8	209.9	198.9
80°	187.9	190.7	193.4	194.8	197.5	201.7	203.0	204.4	198.9	192.1	179.7
82.5°	171.5	172.9	175.6	177.0	181.1	182.5	183.8	186.6	183.8	177.0	163.2
85°	157.8	159.1	161.9	161.9	164.6	167.4	168.7	170.1	168.7	161.9	148.2
87.5°	145.4	146.8	148.2	149.5	150.9	152.3	153.6	155.0	153.6	146.8	134.4
90°	134.4	134.4	135.8	135.8	137.2	138.6	141.3	141.3	139.9	134.4	122.1
92.5°	122.1	123.5	123.5	124.8	126.2	127.6	129.0	129.0	127.6	122.1	111.1
95°	113.9	113.9	115.2	115.2	116.6	116.6	118.0	118.0	116.6	111.1	100.1
97.5°	104.3	104.3	104.3	104.3	105.6	105.6	107.0	107.0	105.6	100.1	90.5
100°	96.0	96.0	96.0	96.0	96.0	97.4	97.4	97.4	96.0	90.5	80.9
102.5°	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	86.4	82.3	72.7
105°	85.1	85.1	85.1	83.7	83.7	83.7	82.3	82.3	78.2	74.1	65.8
107.5°	79.6	79.6	79.6	78.2	78.2	76.8	75.5	75.5	71.3	67.2	59.0
110°	75.5	75.5	75.5	74.1	72.7	71.3	70.0	68.6	64.5	59.0	52.1



TEST NUMBER: P290200

CATALOG NUMBER: 4SSRK-LC-60-L830-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	71.3	71.3	70.0	70.0	68.6	67.2	64.5	63.1	59.0	53.5	46.6
115°	65.8	65.8	65.8	64.5	63.1	61.7	60.4	57.6	53.5	48.0	41.2
117.5°	60.4	60.4	60.4	59.0	57.6	56.2	54.9	52.1	48.0	42.5	37.0
120°	54.9	54.9	54.9	53.5	52.1	50.8	49.4	46.6	42.5	38.4	31.6
122.5°	50.8	50.8	49.4	48.0	46.6	45.3	43.9	41.2	38.4	32.9	27.4
125°	45.3	45.3	43.9	43.9	42.5	41.2	39.8	37.0	32.9	28.8	24.7
127.5°	41.2	39.8	39.8	39.8	38.4	37.0	34.3	32.9	28.8	24.7	20.6
130°	35.7	35.7	35.7	34.3	34.3	32.9	30.2	27.4	24.7	21.9	17.8
132.5°	31.6	31.6	31.6	31.6	30.2	28.8	26.1	24.7	21.9	17.8	15.1
135°	28.8	28.8	27.4	27.4	26.1	24.7	23.3	20.6	17.8	15.1	12.3
137.5°	24.7	24.7	24.7	23.3	23.3	21.9	19.2	17.8	16.5	13.7	11.0
140°	21.9	21.9	20.6	20.6	19.2	19.2	17.8	15.1	13.7	11.0	9.6
142.5°	19.2	19.2	17.8	17.8	16.5	16.5	15.1	13.7	11.0	9.6	6.9
145°	16.5	16.5	15.1	15.1	15.1	13.7	12.3	11.0	9.6	8.2	6.9
147.5°	13.7	13.7	13.7	12.3	12.3	11.0	11.0	9.6	8.2	6.9	5.5
150°	12.3	12.3	11.0	11.0	11.0	9.6	8.2	8.2	6.9	5.5	4.1
152.5°	9.6	9.6	9.6	9.6	8.2	8.2	6.9	6.9	5.5	4.1	4.1
155°	8.2	8.2	8.2	6.9	6.9	6.9	5.5	5.5	4.1	4.1	2.7
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P290200

CATALOG NUMBER: 4SSRK-LC-60-L830-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	2655.9	2655.9	2655.9	2655.9	2655.9	2655.9	2655.9
2.5°	2640.8	2639.4	2651.8	2650.4	2633.9	2658.6	2675.1
5°	2633.9	2632.6	2643.5	2646.3	2628.4	2654.5	2672.3
7.5°	2628.4	2627.1	2639.4	2643.5	2625.7	2649.0	2668.2
10°	2629.8	2623.0	2633.9	2636.7	2620.2	2644.9	2661.4
12.5°	2639.4	2623.0	2627.1	2627.1	2612.0	2633.9	2651.8
15°	2662.7	2628.4	2623.0	2618.8	2599.6	2620.2	2638.0
17.5°	2688.8	2642.2	2623.0	2609.2	2585.9	2603.7	2623.0
20°	2714.9	2657.2	2625.7	2603.7	2572.2	2588.7	2602.4
22.5°	2727.2	2671.0	2628.4	2595.5	2555.7	2564.0	2579.1
25°	2710.7	2665.5	2623.0	2583.2	2535.2	2536.5	2548.9
27.5°	2650.4	2638.0	2610.6	2570.8	2518.7	2511.8	2521.4
30°	2547.5	2581.8	2583.2	2554.4	2499.5	2485.8	2489.9
32.5°	2403.5	2480.3	2525.6	2520.1	2472.0	2452.8	2455.6
35°	2237.5	2333.5	2432.3	2465.2	2430.9	2415.8	2410.3
37.5°	2038.5	2167.5	2299.2	2380.1	2374.6	2365.0	2359.6
40°	1819.1	1974.1	2130.5	2259.4	2299.2	2299.2	2301.9
42.5°	1584.5	1765.6	1937.0	2100.3	2193.6	2214.1	2222.4
45°	1358.1	1540.6	1727.1	1915.1	2039.9	2104.4	2127.7
47.5°	1152.3	1336.2	1513.1	1718.9	1884.9	1968.6	2005.6
50°	976.7	1113.9	1300.5	1504.9	1686.0	1788.9	1861.6
52.5°	831.3	938.3	1101.6	1292.3	1474.7	1616.0	1683.2
55°	709.2	781.9	920.5	1085.1	1259.3	1406.1	1484.3
57.5°	606.4	664.0	758.6	895.8	1042.6	1188.0	1271.7
60°	515.8	555.6	620.1	728.4	853.3	978.1	1059.1
62.5°	437.6	463.7	506.2	585.8	683.2	780.6	856.0
65°	377.3	388.2	411.6	460.9	535.0	609.1	673.6
67.5°	318.3	325.1	343.0	373.1	410.2	463.7	506.2
70°	274.4	274.4	275.7	293.6	312.8	347.1	377.3
72.5°	238.7	234.6	226.4	230.5	234.6	253.8	273.0
75°	209.9	200.3	186.6	181.1	178.3	181.1	192.1
77.5°	185.2	171.5	155.0	141.3	130.3	126.2	135.8
80°	164.6	148.2	129.0	111.1	93.3	83.7	87.8
82.5°	148.2	127.6	107.0	86.4	65.8	52.1	52.1
85°	130.3	111.1	89.2	67.2	46.6	28.8	26.1
87.5°	118.0	97.4	74.1	53.5	32.9	15.1	8.2
90°	105.6	85.1	63.1	42.5	23.3	6.9	0.0
92.5°	94.7	75.5	54.9	34.3	16.5	4.1	0.0
95°	85.1	67.2	46.6	28.8	13.7	2.7	1.4
97.5°	75.5	59.0	41.2	23.3	9.6	2.7	1.4
100°	68.6	52.1	35.7	19.2	8.2	1.4	1.4
102.5°	60.4	46.6	30.2	16.5	6.9	1.4	1.4
105°	53.5	41.2	26.1	13.7	5.5	1.4	1.4
107.5°	48.0	35.7	23.3	12.3	5.5	1.4	1.4
110°	42.5	31.6	20.6	11.0	4.1	1.4	1.4



TEST NUMBER: P290200

CATALOG NUMBER: 4SSRK-LC-60-L830-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	38.4	27.4	17.8	9.6	2.7	1.4	1.4
115°	32.9	24.7	15.1	8.2	2.7	1.4	1.4
117.5°	28.8	20.6	13.7	6.9	2.7	1.4	1.4
120°	24.7	17.8	11.0	5.5	1.4	1.4	1.4
122.5°	21.9	15.1	9.6	5.5	1.4	1.4	1.4
125°	19.2	13.7	8.2	4.1	1.4	1.4	1.4
127.5°	16.5	11.0	6.9	2.7	1.4	1.4	1.4
130°	13.7	9.6	5.5	2.7	1.4	1.4	1.4
132.5°	11.0	8.2	5.5	2.7	1.4	1.4	1.4
135°	9.6	6.9	4.1	2.7	1.4	1.4	1.4
137.5°	8.2	5.5	2.7	2.7	2.7	1.4	1.4
140°	6.9	4.1	2.7	2.7	2.7	2.7	1.4
142.5°	5.5	4.1	2.7	2.7	2.7	2.7	1.4
145°	4.1	2.7	2.7	2.7	2.7	2.7	1.4
147.5°	4.1	2.7	2.7	2.7	2.7	2.7	1.4
150°	2.7	2.7	2.7	2.7	2.7	2.7	2.7
152.5°	2.7	2.7	2.7	2.7	2.7	2.7	2.7
155°	2.7	2.7	2.7	2.7	2.7	2.7	2.7
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)