

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: P290225

Luminaire Tested: **8SSRK-LC-50-L835-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: P290225
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: 8SSRK-LC-50-L835-CD1-U
Description: 5000 LUMEN, 8 FOOT SSRK LED LUMINAIRE WITH ROUND CLEAR LENS AND 80 CRI 3500K CCT LEDS
Light Source: -
Ballast/Driver: -

Luminaire Equipment: Sample No. Condition Description

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5312.7 lumens
Efficiency: N/A
Efficacy: 155.3 lumens/watt
Spacing Criteria (0/90/45): 1.4 / 1.12 / 1.19
Luminous Opening: Rectangular w/ Sides (W: 0.04' x L: 8' x H: 0.17')
CIE Type: Direct

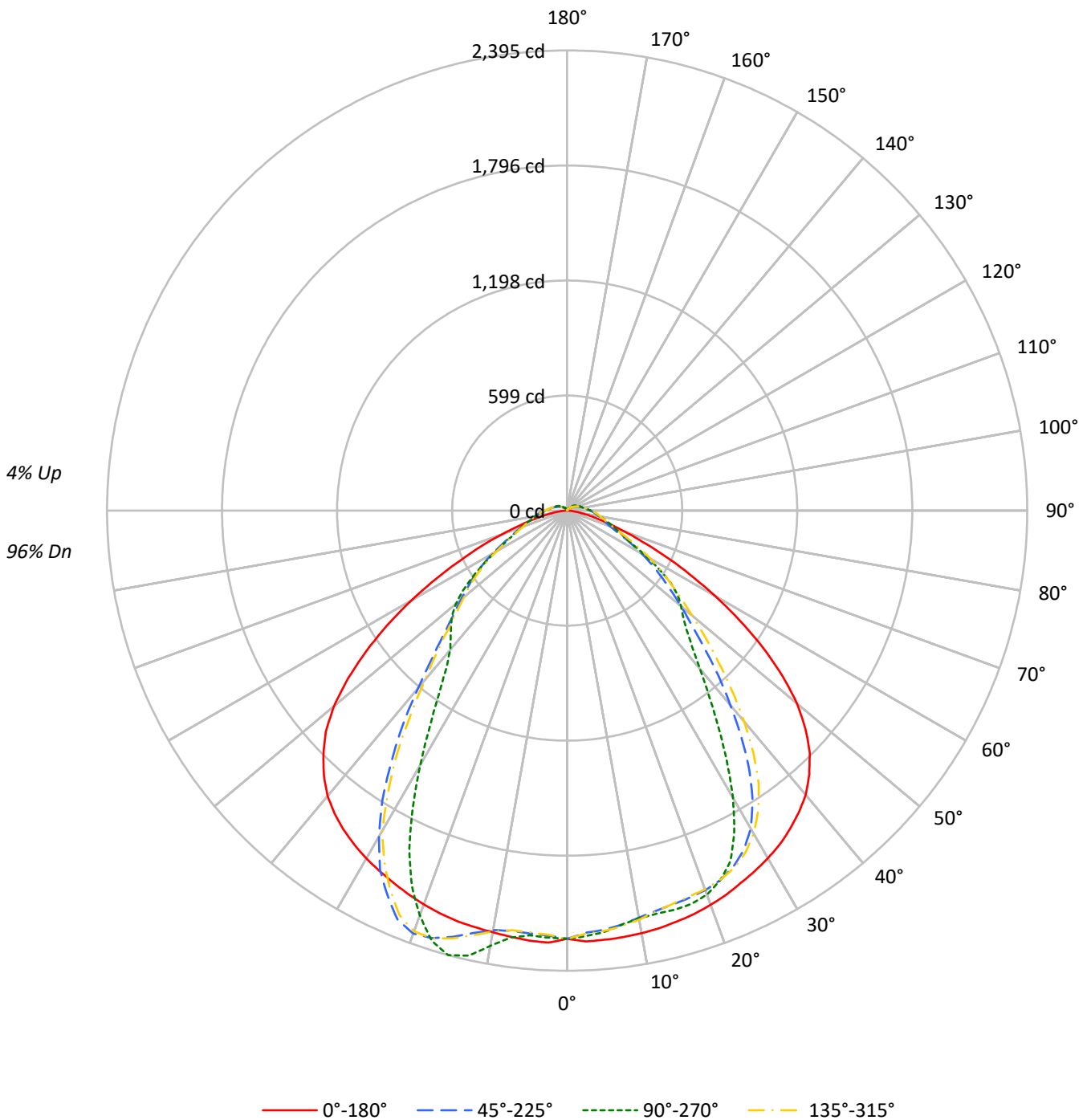
Input Watts (W): 34.1991
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Luminous Intensity Polar Plot





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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	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°	71962	71962	71962	71962
5°	72552	52874	72700	53289
10°	72955	41411	72804	44223
15°	73588	34715	73551	38652
20°	74472	29765	74394	31375
25°	75468	25021	75429	24177
30°	76974	19441	77018	17223
35°	78582	14207	78803	12022
40°	80021	10392	80356	9156
45°	79866	8022	80277	7812
50°	76569	6738	77642	6588
55°	68094	5522	69794	5020
60°	55390	3844	58332	3526
65°	41339	2663	44535	2525
70°	28264	2066	31863	1976
75°	18661	1659	21717	1569
80°	12257	1356	14353	1248
85°	6553	1159	8618	1059



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	211.7	4.0
10°-20°	629.8	11.9
20°-30°	957.5	18.0
30°-40°	1027.2	19.3
40°-50°	891.5	16.8
50°-60°	660.7	12.4
60°-70°	378.5	7.1
70°-80°	209.6	3.9
80°-90°	127.6	2.4
90°-100°	83.0	1.6
100°-110°	55.6	1.0
110°-120°	37.6	0.7
120°-130°	23.0	0.4
130°-140°	12.1	0.2
140°-150°	5.5	0.1
150°-160°	1.6	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	1799.0	33.9
0°-40°	2826.2	53.2
0°-60°	4378.4	82.4
0°-90°	5094.2	95.9
90°-120°	176.2	3.3
90°-150°	216.9	4.1
90°-180°	218.0	4.1
0°-180°	5312.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2228	2228	2228	2228	2228	
5°	2242	2202	2247	2219	2242	214
15°	2214	2151	2212	2395	2214	626
25°	2139	2012	2138	1944	2139	989
35°	2022	1370	2028	1159	2022	1266
45°	1785	878	1794	855	1785	1367
55°	1246	658	1277	599	1246	1104
65°	565	334	609	316	565	570
75°	161	212	188	200	161	184
85°	22	146	29	134	22	29
90°	0	122	2	113	0	1
95°	1	100	0	96	1	1
105°	1	75	1	71	1	1
115°	1	61	1	55	1	1
125°	1	46	1	38	1	1
135°	1	29	1	24	1	1
145°	1	17	2	14	1	1
155°	2	8	2	7	2	1
165°	0	0	0	0	0	0
175°	0	0	0	0	0	0
180°	0	0	0	0	0	0



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	2228.5	2228.5	2228.5	2228.5	2228.5	2228.5	2228.5	2228.5	2228.5	2228.5	2228.5
2.5°	2244.6	2238.9	2236.6	2232.0	2235.4	2249.2	2240.0	2225.1	2226.2	2199.7	2213.5
5°	2242.3	2235.4	2232.0	2227.4	2229.7	2242.3	2233.1	2218.1	2217.0	2190.5	2203.2
7.5°	2238.9	2232.0	2226.2	2222.8	2223.9	2234.3	2222.8	2205.5	2202.0	2173.3	2184.8
10°	2233.1	2228.5	2220.5	2214.7	2213.5	2225.1	2206.6	2189.4	2181.3	2151.4	2162.9
12.5°	2225.1	2218.1	2210.1	2199.7	2198.6	2205.5	2190.5	2166.4	2158.3	2134.1	2146.8
15°	2213.5	2205.5	2196.3	2184.8	2179.0	2183.6	2165.2	2143.3	2142.2	2121.5	2138.7
17.5°	2200.9	2189.4	2179.0	2162.9	2154.8	2158.3	2143.3	2123.8	2126.1	2113.4	2133.0
20°	2183.6	2171.0	2154.8	2138.7	2127.2	2133.0	2122.6	2107.6	2111.1	2101.9	2119.2
22.5°	2164.0	2146.8	2127.2	2108.8	2099.6	2107.6	2099.6	2086.9	2088.1	2082.3	2092.7
25°	2138.7	2119.2	2096.1	2073.1	2068.5	2074.3	2069.7	2059.3	2054.7	2045.5	2050.1
27.5°	2115.7	2093.8	2065.1	2040.9	2032.8	2044.3	2034.0	2016.7	2004.0	1991.4	1982.2
30°	2089.2	2062.8	2030.5	2002.9	1996.0	2000.6	1985.6	1959.2	1925.8	1909.7	1884.3
32.5°	2060.4	2025.9	1985.6	1954.5	1949.9	1946.5	1918.9	1880.9	1829.1	1796.9	1757.7
35°	2022.5	1984.5	1936.1	1898.1	1891.2	1871.7	1826.8	1776.1	1709.4	1654.1	1587.4
37.5°	1979.9	1935.0	1884.3	1833.7	1814.1	1775.0	1711.7	1658.7	1557.4	1490.7	1410.1
40°	1931.5	1877.4	1815.3	1754.3	1722.0	1658.7	1586.2	1507.9	1410.1	1320.3	1252.4
42.5°	1864.8	1807.2	1733.5	1665.6	1610.4	1526.3	1441.2	1330.7	1240.9	1164.9	1095.8
45°	1785.3	1716.3	1631.1	1549.4	1479.1	1379.0	1278.9	1168.4	1093.5	1004.9	957.7
47.5°	1682.9	1608.1	1517.1	1426.2	1334.1	1223.6	1118.9	1013.0	938.1	874.8	840.3
50°	1562.0	1493.0	1392.8	1284.6	1183.3	1068.2	963.5	884.0	811.5	772.4	745.9
52.5°	1412.4	1347.9	1245.5	1128.1	1030.2	917.4	821.9	757.4	705.6	676.8	667.6
55°	1245.5	1189.1	1087.8	978.4	878.3	774.7	702.2	645.8	612.4	595.1	596.3
57.5°	1067.1	1023.3	927.8	829.9	735.5	657.3	591.7	546.8	521.4	520.3	523.7
60°	888.6	856.4	773.5	689.5	606.6	543.3	495.0	463.9	447.8	448.9	447.8
62.5°	718.3	688.4	628.5	559.4	493.8	451.2	407.5	394.8	381.0	379.9	379.9
65°	565.2	542.2	493.8	444.3	394.8	367.2	345.3	330.4	320.0	317.7	318.9
67.5°	424.8	415.5	382.2	348.8	317.7	300.4	282.0	278.6	270.5	270.5	272.8
70°	316.5	309.6	291.2	271.7	259.0	247.5	238.3	238.3	237.1	236.0	241.7
72.5°	229.1	230.2	224.5	209.5	208.3	206.0	203.7	207.2	208.3	211.8	218.7
75°	161.2	164.6	164.6	162.3	166.9	172.7	176.1	181.9	188.8	193.4	201.4
77.5°	114.0	114.0	119.7	126.6	135.8	146.2	155.4	163.5	172.7	178.4	185.3
80°	73.7	77.1	86.3	99.0	111.7	125.5	138.1	148.5	157.7	166.9	171.5
82.5°	43.7	49.5	61.0	77.1	93.2	110.5	123.2	135.8	146.2	155.4	158.9
85°	21.9	29.9	43.7	61.0	78.3	96.7	112.8	124.3	135.8	143.9	148.5
87.5°	6.9	16.1	31.1	47.2	65.6	84.0	101.3	114.0	124.3	131.2	135.8
90°	0.0	8.1	21.9	39.1	56.4	74.8	90.9	104.7	115.1	120.9	124.3
92.5°	0.0	4.6	17.3	32.2	48.3	66.8	82.9	95.5	104.7	110.5	112.8
95°	1.2	3.5	12.7	26.5	42.6	59.9	74.8	86.3	95.5	101.3	102.4
97.5°	1.2	2.3	10.4	21.9	36.8	53.0	67.9	79.4	86.3	92.1	93.2
100°	1.2	2.3	8.1	19.6	32.2	47.2	61.0	71.4	79.4	84.0	85.2
102.5°	1.2	1.2	6.9	16.1	28.8	41.4	54.1	64.5	71.4	76.0	78.3
105°	1.2	1.2	5.8	13.8	25.3	36.8	48.3	58.7	64.5	69.1	71.4
107.5°	1.2	1.2	4.6	11.5	21.9	32.2	43.7	51.8	58.7	63.3	65.6
110°	1.2	1.2	3.5	10.4	18.4	28.8	38.0	46.0	53.0	57.6	59.9



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	1.2	1.2	3.5	9.2	16.1	25.3	33.4	41.4	47.2	51.8	55.3
115°	1.2	1.2	3.5	8.1	15.0	21.9	29.9	36.8	42.6	47.2	50.6
117.5°	1.2	1.2	3.5	6.9	12.7	19.6	26.5	33.4	38.0	42.6	46.0
120°	1.2	1.2	2.3	5.8	11.5	17.3	23.0	28.8	34.5	39.1	42.6
122.5°	1.2	1.2	2.3	5.8	9.2	15.0	20.7	25.3	31.1	34.5	38.0
125°	1.2	1.2	2.3	4.6	8.1	13.8	18.4	23.0	26.5	31.1	34.5
127.5°	1.2	1.2	2.3	4.6	6.9	11.5	16.1	20.7	24.2	27.6	29.9
130°	1.2	1.2	2.3	3.5	5.8	9.2	13.8	17.3	21.9	24.2	26.5
132.5°	1.2	1.2	1.2	3.5	4.6	6.9	10.4	15.0	18.4	21.9	23.0
135°	1.2	1.2	1.2	2.3	4.6	5.8	8.1	11.5	15.0	18.4	20.7
137.5°	1.2	1.2	1.2	2.3	3.5	5.8	6.9	9.2	12.7	15.0	18.4
140°	1.2	1.2	1.2	2.3	3.5	4.6	5.8	8.1	10.4	12.7	15.0
142.5°	1.2	1.2	1.2	2.3	2.3	3.5	4.6	6.9	8.1	10.4	12.7
145°	1.2	1.2	1.2	2.3	2.3	3.5	4.6	5.8	6.9	8.1	10.4
147.5°	1.2	1.2	1.2	2.3	2.3	2.3	3.5	4.6	5.8	6.9	8.1
150°	2.3	2.3	2.3	2.3	2.3	2.3	3.5	3.5	4.6	5.8	6.9
152.5°	2.3	2.3	2.3	2.3	2.3	2.3	3.5	3.5	3.5	4.6	5.8
155°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	3.5	3.5	4.6	4.6
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



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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	2228.5	2228.5	2228.5	2228.5	2228.5	2228.5	2228.5	2228.5	2228.5	2228.5	2228.5
2.5°	2208.9	2211.2	2225.1	2223.9	2221.6	2219.3	2219.3	2217.0	2219.3	2225.1	2222.8
5°	2197.4	2200.9	2211.2	2210.1	2207.8	2206.6	2205.5	2202.0	2204.3	2212.4	2210.1
7.5°	2176.7	2180.2	2189.4	2184.8	2181.3	2183.6	2177.9	2174.4	2179.0	2187.1	2185.9
10°	2154.8	2157.1	2168.7	2166.4	2160.6	2161.7	2156.0	2153.7	2159.4	2164.0	2165.2
12.5°	2139.9	2147.9	2158.3	2157.1	2156.0	2157.1	2151.4	2149.1	2152.5	2157.1	2156.0
15°	2136.4	2146.8	2158.3	2158.3	2159.4	2160.6	2154.8	2151.4	2154.8	2158.3	2157.1
17.5°	2133.0	2145.6	2156.0	2154.8	2156.0	2158.3	2149.1	2146.8	2151.4	2156.0	2153.7
20°	2121.5	2133.0	2139.9	2137.6	2137.6	2138.7	2127.2	2127.2	2134.1	2137.6	2138.7
22.5°	2089.2	2103.0	2103.0	2097.3	2097.3	2092.7	2089.2	2082.3	2090.4	2096.1	2100.7
25°	2040.9	2046.6	2039.7	2027.1	2020.2	2014.4	1998.3	2012.1	2012.1	2029.4	2035.1
27.5°	1973.0	1960.3	1940.7	1914.3	1908.5	1890.1	1879.7	1883.2	1888.9	1913.1	1931.5
30°	1861.3	1823.3	1789.9	1778.4	1753.1	1734.7	1716.3	1725.5	1735.8	1749.7	1787.6
32.5°	1714.0	1677.1	1623.0	1603.5	1577.0	1554.0	1532.1	1545.9	1564.3	1573.5	1615.0
35°	1544.8	1501.0	1451.5	1418.1	1390.5	1377.9	1350.2	1369.8	1389.4	1396.3	1432.0
37.5°	1365.2	1320.3	1276.6	1247.8	1221.3	1213.2	1194.8	1208.6	1223.6	1234.0	1263.9
40°	1194.8	1153.4	1120.0	1100.4	1082.0	1075.1	1068.2	1074.0	1085.5	1093.5	1116.6
42.5°	1048.6	1015.3	992.2	980.7	968.1	958.9	960.0	962.3	968.1	985.3	995.7
45°	920.9	901.3	886.3	884.0	876.0	874.8	873.7	878.3	881.7	892.1	900.2
47.5°	818.4	810.4	806.9	811.5	815.0	810.4	812.7	818.4	825.3	825.3	824.2
50°	737.8	740.2	744.8	755.1	762.0	764.3	766.6	773.5	774.7	777.0	773.5
52.5°	672.2	674.5	687.2	703.3	711.4	714.8	719.4	726.3	726.3	728.6	724.0
55°	605.5	608.9	621.6	637.7	644.6	649.2	653.8	658.4	661.9	666.5	663.0
57.5°	531.8	542.2	550.2	554.8	559.4	562.9	566.3	567.5	574.4	575.5	581.3
60°	453.5	455.8	463.9	462.7	459.3	468.5	463.9	471.9	480.0	490.4	491.5
62.5°	378.7	379.9	385.6	383.3	387.9	386.8	390.2	390.2	396.0	400.6	406.3
65°	320.0	321.2	325.8	325.8	324.6	328.1	331.5	333.8	333.8	337.3	341.9
67.5°	276.3	279.7	284.3	286.6	288.9	288.9	292.4	293.5	295.8	297.0	299.3
70°	246.3	250.9	255.5	257.8	259.0	261.3	262.4	262.4	264.8	265.9	268.2
72.5°	224.5	229.1	232.5	232.5	234.8	236.0	236.0	237.1	238.3	240.6	242.9
75°	206.0	209.5	211.8	210.6	210.6	210.6	211.8	211.8	214.1	216.4	218.7
77.5°	188.8	192.2	192.2	189.9	189.9	189.9	189.9	191.1	192.2	194.5	196.8
80°	176.1	176.1	175.0	175.0	172.7	171.5	171.5	172.7	172.7	175.0	178.4
82.5°	162.3	162.3	161.2	160.0	158.9	157.7	157.7	158.9	160.0	161.2	163.5
85°	149.6	149.6	147.3	147.3	146.2	146.2	146.2	146.2	147.3	148.5	150.8
87.5°	137.0	135.8	134.7	133.5	133.5	133.5	133.5	133.5	134.7	137.0	138.1
90°	124.3	123.2	122.0	122.0	120.9	120.9	122.0	122.0	123.2	124.3	125.5
92.5°	112.8	111.7	110.5	110.5	109.4	109.4	110.5	109.4	111.7	111.7	112.8
95°	102.4	101.3	100.1	100.1	100.1	100.1	100.1	100.1	101.3	101.3	102.4
97.5°	93.2	92.1	90.9	90.9	92.1	90.9	92.1	92.1	92.1	93.2	94.4
100°	85.2	84.0	84.0	85.2	84.0	84.0	85.2	85.2	85.2	85.2	86.3
102.5°	78.3	78.3	78.3	78.3	78.3	78.3	79.4	79.4	79.4	79.4	80.6
105°	71.4	72.5	72.5	72.5	73.7	73.7	73.7	74.8	74.8	74.8	74.8
107.5°	66.8	67.9	67.9	69.1	69.1	70.2	70.2	70.2	70.2	71.4	71.4
110°	62.2	63.3	64.5	65.6	65.6	66.8	66.8	66.8	66.8	66.8	66.8



TEST NUMBER: P290225

CATALOG NUMBER: 8SSRK-LC-50-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	57.6	58.7	59.9	62.2	63.3	63.3	63.3	63.3	64.5	64.5	63.3
115°	53.0	55.3	56.4	58.7	59.9	59.9	61.0	61.0	61.0	61.0	59.9
117.5°	48.3	51.8	53.0	55.3	56.4	56.4	57.6	57.6	57.6	57.6	56.4
120°	44.9	47.2	49.5	50.6	51.8	53.0	53.0	54.1	54.1	54.1	53.0
122.5°	41.4	43.7	46.0	47.2	48.3	49.5	49.5	49.5	49.5	49.5	49.5
125°	36.8	39.1	41.4	42.6	43.7	44.9	44.9	46.0	46.0	46.0	44.9
127.5°	33.4	35.7	36.8	39.1	40.3	40.3	41.4	41.4	41.4	41.4	40.3
130°	28.8	31.1	33.4	34.5	35.7	35.7	36.8	36.8	36.8	36.8	36.8
132.5°	25.3	27.6	28.8	31.1	31.1	32.2	32.2	33.4	33.4	33.4	32.2
135°	23.0	24.2	25.3	27.6	27.6	28.8	28.8	28.8	28.8	28.8	28.8
137.5°	20.7	21.9	23.0	24.2	24.2	25.3	25.3	25.3	25.3	26.5	25.3
140°	17.3	19.6	20.7	20.7	21.9	21.9	21.9	23.0	23.0	23.0	21.9
142.5°	15.0	16.1	17.3	18.4	19.6	19.6	19.6	19.6	20.7	19.6	19.6
145°	11.5	13.8	15.0	16.1	17.3	17.3	17.3	17.3	17.3	17.3	17.3
147.5°	9.2	10.4	12.7	13.8	13.8	15.0	15.0	15.0	15.0	15.0	15.0
150°	8.1	8.1	10.4	11.5	12.7	12.7	12.7	12.7	12.7	12.7	12.7
152.5°	5.8	6.9	8.1	9.2	10.4	10.4	10.4	10.4	10.4	10.4	10.4
155°	5.8	5.8	6.9	6.9	8.1	8.1	8.1	8.1	9.2	8.1	8.1
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: P290225

CATALOG NUMBER: 8SSRK-LC-50-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	2228.5	2228.5	2228.5	2228.5	2228.5	2228.5	2228.5	2228.5	2228.5	2228.5	2228.5
2.5°	2219.3	2218.1	2222.8	2218.1	2195.1	2204.3	2200.9	2213.5	2214.7	2218.1	2229.7
5°	2207.8	2207.8	2213.5	2208.9	2187.1	2196.3	2195.1	2207.8	2210.1	2212.4	2225.1
7.5°	2184.8	2185.9	2194.0	2190.5	2167.5	2181.3	2180.2	2195.1	2199.7	2204.3	2215.8
10°	2162.9	2161.7	2171.0	2167.5	2145.6	2161.7	2160.6	2175.6	2182.5	2190.5	2204.3
12.5°	2151.4	2147.9	2151.4	2147.9	2123.8	2136.4	2137.6	2154.8	2162.9	2173.3	2189.4
15°	2151.4	2145.6	2145.6	2138.7	2111.1	2119.2	2120.3	2131.8	2142.2	2152.5	2172.1
17.5°	2149.1	2143.3	2142.2	2136.4	2106.5	2106.5	2105.3	2113.4	2119.2	2129.5	2150.2
20°	2136.4	2134.1	2133.0	2129.5	2101.9	2097.3	2095.0	2095.0	2098.4	2101.9	2122.6
22.5°	2103.0	2105.3	2107.6	2109.9	2088.1	2080.0	2081.2	2078.9	2075.4	2075.4	2092.7
25°	2040.9	2052.4	2061.6	2072.0	2059.3	2053.5	2060.4	2057.0	2051.2	2046.6	2061.6
27.5°	1941.9	1966.1	1985.6	2011.0	2012.1	2007.5	2025.9	2023.6	2022.5	2015.6	2027.1
30°	1804.9	1842.9	1869.4	1906.2	1937.3	1941.9	1973.0	1977.6	1982.2	1978.7	1990.2
32.5°	1639.2	1691.0	1735.8	1793.4	1823.3	1849.8	1893.5	1912.0	1930.4	1936.1	1948.8
35°	1458.4	1517.1	1570.1	1633.4	1680.6	1738.1	1791.1	1818.7	1860.2	1876.3	1894.7
37.5°	1286.9	1342.2	1394.0	1457.3	1533.3	1593.1	1658.7	1720.9	1777.3	1800.3	1827.9
40°	1135.0	1179.9	1229.4	1284.6	1353.7	1432.0	1503.3	1589.7	1656.4	1702.5	1742.7
42.5°	1019.9	1041.7	1084.3	1133.8	1189.1	1268.5	1341.0	1437.7	1518.3	1583.9	1650.7
45°	917.4	927.8	958.9	985.3	1041.7	1112.0	1189.1	1283.5	1367.5	1451.5	1532.1
47.5°	829.9	842.6	857.6	873.7	914.0	972.7	1039.4	1124.6	1208.6	1306.5	1398.6
50°	771.2	774.7	777.0	783.9	808.1	848.4	902.5	975.0	1055.5	1160.3	1258.1
52.5°	719.4	719.4	712.5	709.1	718.3	743.6	774.7	826.5	909.4	1006.1	1109.7
55°	664.2	653.8	651.5	640.0	642.3	653.8	668.8	709.1	777.0	859.9	960.0
57.5°	587.1	582.5	582.5	577.8	568.6	574.4	577.8	606.6	655.0	726.3	813.8
60°	498.4	496.1	501.9	503.0	495.0	498.4	497.3	514.5	549.1	606.6	679.1
62.5°	409.8	420.1	421.3	425.9	421.3	420.1	425.9	440.9	458.1	501.9	558.3
65°	344.2	349.9	351.1	356.8	354.5	354.5	359.1	370.7	381.0	410.9	454.7
67.5°	301.6	299.3	300.4	303.9	300.4	299.3	302.7	309.6	317.7	336.1	367.2
70°	268.2	265.9	265.9	265.9	261.3	257.8	259.0	261.3	264.8	275.1	294.7
72.5°	242.9	242.9	239.4	236.0	232.5	230.2	227.9	225.6	224.5	227.9	238.3
75°	219.9	221.0	219.9	216.4	211.8	207.2	202.6	198.0	192.2	189.9	191.1
77.5°	199.1	200.3	201.4	200.3	195.7	189.9	183.0	176.1	168.1	160.0	155.4
80°	180.7	183.0	184.2	183.0	179.6	175.0	166.9	158.9	147.3	137.0	125.5
82.5°	164.6	168.1	169.2	169.2	166.9	162.3	153.1	143.9	131.2	117.4	102.4
85°	151.9	154.2	156.5	156.5	155.4	150.8	141.6	131.2	118.6	102.4	86.3
87.5°	139.3	140.4	142.7	145.0	142.7	138.1	130.1	118.6	105.9	89.8	71.4
90°	126.6	127.8	130.1	132.4	131.2	126.6	119.7	109.4	95.5	78.3	59.9
92.5°	114.0	116.3	117.4	118.6	119.7	116.3	110.5	100.1	86.3	69.1	51.8
95°	104.7	104.7	107.1	108.2	109.4	105.9	101.3	90.9	78.3	62.2	44.9
97.5°	95.5	95.5	97.8	97.8	99.0	96.7	92.1	82.9	70.2	55.3	38.0
100°	86.3	87.5	88.6	89.8	89.8	88.6	84.0	74.8	63.3	49.5	33.4
102.5°	80.6	80.6	81.7	81.7	82.9	80.6	76.0	67.9	56.4	43.7	28.8
105°	74.8	74.8	76.0	76.0	74.8	72.5	67.9	61.0	50.6	38.0	25.3
107.5°	70.2	70.2	70.2	70.2	69.1	66.8	62.2	54.1	44.9	34.5	23.0
110°	66.8	65.6	65.6	64.5	63.3	59.9	55.3	48.3	40.3	29.9	19.6



TEST NUMBER: P290225

CATALOG NUMBER: 8SSRK-LC-50-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	63.3	62.2	61.0	59.9	57.6	54.1	49.5	43.7	35.7	26.5	17.3
115°	59.9	58.7	57.6	55.3	53.0	49.5	44.9	39.1	31.1	23.0	15.0
117.5°	56.4	55.3	53.0	50.6	48.3	44.9	40.3	34.5	27.6	20.7	13.8
120°	51.8	50.6	49.5	47.2	44.9	40.3	35.7	31.1	24.2	18.4	11.5
122.5°	48.3	47.2	44.9	43.7	40.3	36.8	32.2	27.6	21.9	16.1	10.4
125°	43.7	42.6	41.4	39.1	36.8	32.2	28.8	24.2	19.6	13.8	8.1
127.5°	40.3	39.1	36.8	34.5	32.2	28.8	25.3	21.9	17.3	11.5	8.1
130°	35.7	34.5	33.4	31.1	28.8	25.3	23.0	18.4	15.0	10.4	6.9
132.5°	31.1	31.1	29.9	27.6	25.3	23.0	19.6	16.1	12.7	9.2	5.8
135°	28.8	27.6	26.5	24.2	23.0	19.6	17.3	13.8	10.4	8.1	4.6
137.5°	25.3	24.2	23.0	21.9	19.6	17.3	15.0	11.5	9.2	6.9	4.6
140°	21.9	20.7	20.7	18.4	17.3	15.0	12.7	10.4	8.1	5.8	3.5
142.5°	19.6	18.4	17.3	16.1	15.0	12.7	10.4	8.1	6.9	4.6	3.5
145°	17.3	16.1	15.0	13.8	12.7	10.4	9.2	6.9	5.8	4.6	3.5
147.5°	13.8	13.8	12.7	11.5	10.4	9.2	8.1	6.9	4.6	3.5	2.3
150°	11.5	11.5	10.4	9.2	9.2	8.1	6.9	5.8	4.6	3.5	2.3
152.5°	10.4	9.2	9.2	8.1	8.1	6.9	5.8	4.6	3.5	3.5	2.3
155°	8.1	8.1	8.1	6.9	6.9	5.8	4.6	4.6	3.5	2.3	2.3
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: P290225

CATALOG NUMBER: 8SSRK-LC-50-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	2228.5	2228.5	2228.5	2228.5	2228.5	2228.5	2228.5	2228.5	2228.5	2228.5	2228.5
2.5°	2232.0	2218.1	2229.7	2250.4	2248.1	2245.8	2243.5	2248.1	2263.0	2255.0	2242.3
5°	2228.5	2214.7	2227.4	2246.9	2245.8	2242.3	2240.0	2244.6	2259.6	2251.5	2237.7
7.5°	2221.6	2208.9	2218.1	2237.7	2237.7	2235.4	2233.1	2237.7	2251.5	2244.6	2230.8
10°	2210.1	2200.9	2210.1	2228.5	2229.7	2225.1	2222.8	2228.5	2242.3	2238.9	2227.4
12.5°	2200.9	2191.7	2202.0	2220.5	2221.6	2217.0	2213.5	2220.5	2238.9	2241.2	2237.7
15°	2188.2	2180.2	2192.8	2212.4	2212.4	2208.9	2208.9	2218.1	2243.5	2253.8	2259.6
17.5°	2169.8	2164.0	2179.0	2198.6	2199.7	2197.4	2198.6	2217.0	2250.4	2275.7	2291.8
20°	2146.8	2144.5	2160.6	2181.3	2184.8	2185.9	2191.7	2219.3	2265.3	2299.9	2316.0
22.5°	2119.2	2120.3	2138.7	2160.6	2165.2	2168.7	2180.2	2219.3	2276.9	2313.7	2320.6
25°	2088.1	2091.5	2111.1	2137.6	2143.3	2150.2	2169.8	2220.5	2280.3	2304.5	2293.0
27.5°	2054.7	2061.6	2086.9	2114.6	2121.5	2133.0	2158.3	2213.5	2264.2	2265.3	2222.8
30°	2020.2	2028.2	2058.1	2090.4	2101.9	2113.4	2144.5	2197.4	2225.1	2188.2	2113.4
32.5°	1981.0	1992.5	2022.5	2061.6	2075.4	2090.4	2121.5	2166.4	2156.0	2076.6	1969.5
35°	1931.5	1947.6	1982.2	2028.2	2040.9	2060.4	2082.3	2092.7	2046.6	1933.8	1813.0
37.5°	1870.5	1894.7	1935.0	1987.9	2001.7	2014.4	2020.2	1991.4	1899.3	1777.3	1651.8
40°	1800.3	1837.1	1880.9	1939.6	1953.4	1953.4	1932.7	1871.7	1755.4	1595.4	1456.1
42.5°	1715.1	1760.0	1815.3	1874.0	1887.8	1871.7	1822.2	1715.1	1582.7	1404.3	1257.0
45°	1611.5	1671.4	1733.5	1794.5	1801.5	1765.8	1677.1	1541.3	1377.9	1212.1	1071.7
47.5°	1488.4	1566.6	1634.5	1703.6	1694.4	1634.5	1516.0	1361.7	1189.1	1032.5	919.7
50°	1350.2	1442.3	1518.3	1583.9	1564.3	1481.5	1342.2	1181.0	1009.5	876.0	782.7
52.5°	1202.9	1308.8	1384.8	1437.7	1411.2	1312.2	1159.1	1004.9	864.5	742.5	680.3
55°	1049.8	1156.8	1235.1	1276.6	1242.0	1135.0	984.2	843.7	711.4	631.9	595.1
57.5°	901.3	1001.4	1075.1	1108.5	1064.8	957.7	818.4	699.9	604.3	537.6	519.1
60°	758.6	840.3	910.5	935.8	888.6	789.6	669.9	575.5	505.3	459.3	450.1
62.5°	626.2	693.0	748.2	767.8	721.7	644.6	541.0	470.8	421.3	398.3	386.8
65°	516.8	556.0	612.4	608.9	581.3	509.9	434.0	384.5	352.2	337.3	330.4
67.5°	406.3	442.0	477.7	482.3	447.8	398.3	348.8	313.1	295.8	287.8	284.3
70°	314.2	340.7	362.6	356.8	338.4	307.3	276.3	256.7	249.8	246.3	246.3
72.5°	244.0	257.8	268.2	261.3	249.8	233.7	218.7	210.6	211.8	214.1	216.4
75°	188.8	192.2	194.5	187.6	185.3	175.0	173.8	175.0	181.9	188.8	192.2
77.5°	145.0	140.4	137.0	130.1	131.2	130.1	135.8	145.0	155.4	165.8	175.0
80°	111.7	101.3	93.2	86.3	89.8	95.5	107.1	120.9	134.7	146.2	157.7
82.5°	86.3	71.4	59.9	53.0	59.9	69.1	84.0	101.3	117.4	130.1	142.7
85°	66.8	49.5	35.7	28.8	35.7	49.5	65.6	85.2	102.4	116.3	128.9
87.5°	51.8	35.7	19.6	11.5	19.6	34.5	53.0	71.4	88.6	104.7	117.4
90°	41.4	24.2	9.2	2.3	10.4	24.2	41.4	59.9	77.1	94.4	107.1
92.5°	33.4	17.3	4.6	0.0	5.8	18.4	34.5	51.8	69.1	85.2	97.8
95°	27.6	13.8	3.5	0.0	4.6	13.8	27.6	44.9	61.0	77.1	87.5
97.5°	23.0	10.4	2.3	0.0	2.3	11.5	23.0	38.0	54.1	69.1	79.4
100°	19.6	9.2	2.3	0.0	2.3	9.2	19.6	33.4	47.2	61.0	71.4
102.5°	16.1	6.9	1.2	1.2	1.2	6.9	17.3	28.8	41.4	54.1	64.5
105°	15.0	5.8	1.2	1.2	1.2	5.8	15.0	25.3	36.8	48.3	57.6
107.5°	12.7	4.6	1.2	1.2	1.2	4.6	12.7	21.9	33.4	43.7	51.8
110°	10.4	4.6	1.2	1.2	1.2	4.6	10.4	19.6	28.8	38.0	46.0



TEST NUMBER: P290225

CATALOG NUMBER: 8SSRK-LC-50-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	9.2	3.5	1.2	1.2	1.2	3.5	9.2	17.3	25.3	34.5	41.4
115°	8.1	3.5	1.2	1.2	1.2	3.5	8.1	15.0	21.9	29.9	36.8
117.5°	6.9	3.5	1.2	1.2	1.2	2.3	6.9	12.7	19.6	26.5	33.4
120°	5.8	2.3	1.2	1.2	1.2	2.3	5.8	11.5	17.3	23.0	28.8
122.5°	5.8	2.3	1.2	1.2	1.2	2.3	4.6	9.2	15.0	19.6	25.3
125°	4.6	2.3	1.2	1.2	1.2	1.2	4.6	8.1	12.7	17.3	21.9
127.5°	4.6	2.3	1.2	1.2	1.2	1.2	3.5	6.9	10.4	15.0	19.6
130°	3.5	2.3	1.2	1.2	1.2	1.2	2.3	5.8	9.2	12.7	16.1
132.5°	3.5	2.3	1.2	1.2	1.2	1.2	2.3	4.6	6.9	10.4	13.8
135°	3.5	1.2	1.2	1.2	1.2	1.2	1.2	3.5	5.8	8.1	10.4
137.5°	2.3	1.2	1.2	1.2	1.2	1.2	1.2	2.3	4.6	5.8	9.2
140°	2.3	1.2	1.2	1.2	1.2	1.2	1.2	2.3	3.5	4.6	6.9
142.5°	2.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	2.3	3.5	5.8
145°	2.3	1.2	1.2	2.3	2.3	1.2	1.2	2.3	2.3	3.5	4.6
147.5°	2.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	2.3	2.3	3.5
150°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	3.5
152.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
155°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
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: P290225

CATALOG NUMBER: 8SSRK-LC-50-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	2228.5	2228.5	2228.5	2228.5	2228.5	2228.5	2228.5	2228.5	2228.5	2228.5	2228.5
2.5°	2240.0	2213.5	2227.4	2222.8	2227.4	2238.9	2237.7	2234.3	2236.6	2230.8	2225.1
5°	2235.4	2208.9	2222.8	2217.0	2222.8	2234.3	2232.0	2228.5	2232.0	2225.1	2219.3
7.5°	2229.7	2205.5	2221.6	2220.5	2230.8	2245.8	2246.9	2246.9	2255.0	2244.6	2240.0
10°	2229.7	2217.0	2238.9	2246.9	2273.4	2293.0	2295.3	2299.9	2313.7	2311.4	2299.9
12.5°	2253.8	2251.5	2283.8	2303.3	2327.5	2355.1	2370.1	2374.7	2383.9	2377.0	2372.4
15°	2284.9	2296.4	2332.1	2354.0	2380.5	2401.2	2404.6	2406.9	2413.8	2403.5	2395.4
17.5°	2326.4	2333.3	2362.0	2371.2	2388.5	2392.0	2387.4	2375.8	2375.8	2352.8	2345.9
20°	2345.9	2342.5	2354.0	2339.0	2332.1	2311.4	2291.8	2269.9	2268.8	2244.6	2242.3
22.5°	2328.7	2305.6	2281.5	2244.6	2228.5	2198.6	2172.1	2159.4	2151.4	2120.3	2112.2
25°	2267.6	2211.2	2175.6	2131.8	2092.7	2058.1	2032.8	2006.3	1981.0	1955.7	1944.2
27.5°	2161.7	2108.8	2051.2	1990.2	1936.1	1883.2	1840.6	1814.1	1789.9	1756.6	1739.3
30°	2031.7	1958.0	1894.7	1836.0	1747.4	1682.9	1647.2	1594.3	1575.8	1560.9	1528.6
32.5°	1878.6	1789.9	1703.6	1624.2	1533.3	1473.4	1426.2	1387.1	1375.6	1336.4	1327.2
35°	1709.4	1593.1	1495.3	1417.0	1351.4	1278.9	1239.7	1213.2	1190.2	1163.8	1159.1
37.5°	1510.2	1405.5	1295.0	1225.9	1174.1	1112.0	1082.0	1063.6	1053.2	1033.7	1030.2
40°	1309.9	1205.2	1129.2	1060.2	1027.9	994.5	972.7	964.6	960.0	953.1	946.2
42.5°	1128.1	1036.0	981.9	935.8	922.0	905.9	900.2	904.8	900.2	897.8	896.7
45°	973.8	903.6	865.6	851.8	848.4	843.7	848.4	856.4	857.6	855.3	855.3
47.5°	833.4	800.0	783.9	786.2	791.9	795.4	803.5	813.8	816.1	810.4	812.7
50°	741.3	721.7	718.3	727.5	740.2	744.8	754.0	762.0	760.9	758.6	756.3
52.5°	655.0	649.2	658.4	667.6	681.4	683.7	687.2	690.7	689.5	684.9	682.6
55°	582.5	587.1	595.1	598.6	608.9	607.8	608.9	608.9	604.3	602.0	598.6
57.5°	516.8	518.0	522.6	523.7	529.5	527.2	526.0	523.7	516.8	515.7	512.2
60°	450.1	447.8	458.1	450.1	454.7	450.1	448.9	443.2	436.3	435.1	432.8
62.5°	386.8	382.2	389.1	385.6	387.9	383.3	381.0	374.1	368.3	367.2	366.0
65°	330.4	328.1	335.0	333.8	336.1	330.4	328.1	323.5	318.9	317.7	316.5
67.5°	283.2	288.9	292.4	292.4	294.7	293.5	287.8	286.6	285.5	280.9	280.9
70°	248.6	252.1	259.0	260.1	259.0	261.3	256.7	255.5	254.4	252.1	250.9
72.5°	221.0	225.6	232.5	233.7	232.5	232.5	230.2	229.1	229.1	225.6	225.6
75°	199.1	204.9	210.6	210.6	210.6	208.3	206.0	206.0	203.7	202.6	200.3
77.5°	180.7	187.6	192.2	191.1	189.9	187.6	187.6	184.2	180.7	180.7	178.4
80°	166.9	171.5	175.0	173.8	172.7	169.2	168.1	164.6	162.3	158.9	158.9
82.5°	151.9	157.7	160.0	158.9	156.5	153.1	151.9	149.6	147.3	146.2	143.9
85°	139.3	145.0	146.2	143.9	141.6	139.3	138.1	137.0	135.8	133.5	133.5
87.5°	126.6	132.4	132.4	131.2	128.9	127.8	126.6	125.5	124.3	123.2	122.0
90°	116.3	120.9	120.9	119.7	118.6	117.4	116.3	115.1	114.0	112.8	112.8
92.5°	105.9	110.5	110.5	109.4	108.2	107.1	107.1	105.9	104.7	103.6	102.4
95°	96.7	101.3	101.3	101.3	100.1	99.0	99.0	97.8	96.7	96.7	95.5
97.5°	87.5	92.1	92.1	92.1	90.9	89.8	89.8	88.6	88.6	88.6	87.5
100°	79.4	82.9	84.0	84.0	82.9	82.9	82.9	81.7	81.7	81.7	80.6
102.5°	71.4	74.8	77.1	77.1	77.1	76.0	76.0	76.0	76.0	76.0	74.8
105°	64.5	67.9	70.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
107.5°	58.7	62.2	64.5	65.6	66.8	66.8	67.9	67.9	67.9	67.9	67.9
110°	53.0	56.4	59.9	61.0	62.2	63.3	63.3	64.5	63.3	63.3	63.3



TEST NUMBER: P290225

CATALOG NUMBER: 8SSRK-LC-50-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	47.2	51.8	54.1	56.4	57.6	58.7	59.9	59.9	59.9	59.9	59.9
115°	42.6	47.2	49.5	51.8	54.1	55.3	55.3	56.4	56.4	56.4	55.3
117.5°	38.0	42.6	44.9	47.2	48.3	50.6	51.8	51.8	51.8	51.8	50.6
120°	34.5	38.0	40.3	42.6	44.9	46.0	47.2	47.2	47.2	47.2	47.2
122.5°	29.9	33.4	36.8	39.1	40.3	41.4	42.6	42.6	42.6	42.6	42.6
125°	26.5	29.9	32.2	34.5	35.7	38.0	38.0	38.0	38.0	38.0	38.0
127.5°	23.0	26.5	28.8	31.1	32.2	33.4	34.5	34.5	34.5	34.5	34.5
130°	19.6	23.0	25.3	27.6	28.8	29.9	29.9	31.1	31.1	31.1	31.1
132.5°	17.3	19.6	21.9	24.2	25.3	26.5	26.5	27.6	27.6	27.6	27.6
135°	13.8	17.3	18.4	20.7	21.9	23.0	23.0	24.2	24.2	24.2	24.2
137.5°	11.5	13.8	16.1	18.4	19.6	19.6	20.7	20.7	21.9	21.9	21.9
140°	9.2	10.4	13.8	15.0	16.1	17.3	18.4	18.4	18.4	18.4	18.4
142.5°	6.9	9.2	10.4	12.7	13.8	15.0	16.1	16.1	16.1	16.1	16.1
145°	5.8	6.9	8.1	10.4	11.5	12.7	13.8	13.8	13.8	13.8	13.8
147.5°	4.6	5.8	6.9	8.1	9.2	10.4	11.5	11.5	11.5	11.5	11.5
150°	3.5	4.6	5.8	5.8	6.9	8.1	9.2	10.4	10.4	10.4	10.4
152.5°	3.5	3.5	4.6	4.6	5.8	6.9	8.1	8.1	8.1	8.1	8.1
155°	2.3	3.5	3.5	3.5	4.6	4.6	5.8	6.9	6.9	6.9	6.9
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: P290225

CATALOG NUMBER: 8SSRK-LC-50-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	2228.5	2228.5	2228.5	2228.5	2228.5	2228.5	2228.5	2228.5	2228.5	2228.5	2228.5
2.5°	2228.5	2233.1	2230.8	2227.4	2226.2	2232.0	2226.2	2199.7	2210.1	2211.2	2219.3
5°	2225.1	2228.5	2226.2	2223.9	2220.5	2227.4	2220.5	2192.8	2203.2	2204.3	2212.4
7.5°	2248.1	2249.2	2249.2	2243.5	2234.3	2237.7	2228.5	2197.4	2203.2	2203.2	2208.9
10°	2305.6	2307.9	2311.4	2296.4	2284.9	2275.7	2263.0	2225.1	2223.9	2214.7	2214.7
12.5°	2380.5	2374.7	2368.9	2362.0	2352.8	2341.3	2322.9	2278.0	2263.0	2248.1	2233.1
15°	2402.3	2400.0	2398.9	2395.4	2389.7	2386.2	2372.4	2327.5	2305.6	2287.2	2260.7
17.5°	2344.8	2349.4	2364.3	2365.5	2372.4	2386.2	2383.9	2352.8	2333.3	2325.2	2293.0
20°	2241.2	2242.3	2260.7	2268.8	2298.7	2321.7	2339.0	2335.6	2331.0	2340.2	2316.0
22.5°	2116.9	2124.9	2144.5	2157.1	2185.9	2212.4	2240.0	2255.0	2279.2	2317.1	2312.5
25°	1947.6	1958.0	1985.6	2006.3	2046.6	2086.9	2123.8	2150.2	2179.0	2251.5	2275.7
27.5°	1745.1	1761.2	1796.9	1817.6	1874.0	1915.4	1968.4	2020.2	2060.4	2143.3	2192.8
30°	1532.1	1545.9	1583.9	1612.7	1661.0	1717.4	1784.2	1857.9	1924.6	2008.7	2070.8
32.5°	1333.0	1347.9	1379.0	1404.3	1458.4	1505.6	1579.3	1670.2	1732.4	1848.6	1931.5
35°	1159.1	1173.0	1194.8	1216.7	1261.6	1309.9	1373.2	1461.9	1541.3	1662.2	1766.9
37.5°	1037.1	1039.4	1052.1	1064.8	1098.1	1135.0	1184.5	1262.7	1336.4	1466.5	1581.6
40°	949.6	949.6	956.6	960.0	975.0	996.8	1027.9	1088.9	1149.9	1248.9	1389.4
42.5°	895.5	893.2	893.2	894.4	893.2	903.6	922.0	950.8	1004.9	1086.6	1196.0
45°	855.3	850.7	847.2	839.1	834.5	834.5	835.7	846.1	877.1	930.1	1018.7
47.5°	810.4	809.2	803.5	794.3	786.2	780.4	771.2	767.8	777.0	806.9	866.8
50°	758.6	752.8	747.1	740.2	730.9	725.2	707.9	709.1	701.0	714.8	745.9
52.5°	682.6	678.0	675.7	669.9	666.5	664.2	650.4	636.6	633.1	635.4	646.9
55°	598.6	600.9	591.7	596.3	595.1	584.8	579.0	568.6	565.2	564.0	569.8
57.5°	511.1	513.4	507.6	512.2	512.2	506.5	503.0	503.0	495.0	488.1	496.1
60°	431.7	427.1	430.5	436.3	436.3	432.8	430.5	430.5	424.8	422.4	428.2
62.5°	367.2	362.6	366.0	371.8	373.0	370.7	368.3	368.3	361.4	361.4	366.0
65°	317.7	318.9	317.7	322.3	322.3	323.5	321.2	318.9	310.8	314.2	313.1
67.5°	282.0	280.9	280.9	285.5	284.3	286.6	284.3	280.9	275.1	270.5	269.4
70°	252.1	250.9	250.9	253.2	254.4	254.4	253.2	250.9	242.9	238.3	234.8
72.5°	225.6	224.5	225.6	226.8	227.9	229.1	227.9	225.6	218.7	213.0	207.2
75°	201.4	200.3	203.7	203.7	204.9	204.9	206.0	204.9	199.1	192.2	185.3
77.5°	177.3	178.4	181.9	183.0	185.3	186.5	187.6	187.6	181.9	176.1	166.9
80°	157.7	160.0	162.3	163.5	165.8	169.2	170.4	171.5	166.9	161.2	150.8
82.5°	143.9	145.0	147.3	148.5	151.9	153.1	154.2	156.5	154.2	148.5	137.0
85°	132.4	133.5	135.8	135.8	138.1	140.4	141.6	142.7	141.6	135.8	124.3
87.5°	122.0	123.2	124.3	125.5	126.6	127.8	128.9	130.1	128.9	123.2	112.8
90°	112.8	112.8	114.0	114.0	115.1	116.3	118.6	118.6	117.4	112.8	102.4
92.5°	102.4	103.6	103.6	104.7	105.9	107.1	108.2	108.2	107.1	102.4	93.2
95°	95.5	95.5	96.7	96.7	97.8	97.8	99.0	99.0	97.8	93.2	84.0
97.5°	87.5	87.5	87.5	87.5	88.6	88.6	89.8	89.8	88.6	84.0	76.0
100°	80.6	80.6	80.6	80.6	80.6	81.7	81.7	81.7	80.6	76.0	67.9
102.5°	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	72.5	69.1	61.0
105°	71.4	71.4	71.4	70.2	70.2	70.2	69.1	69.1	65.6	62.2	55.3
107.5°	66.8	66.8	66.8	65.6	65.6	64.5	63.3	63.3	59.9	56.4	49.5
110°	63.3	63.3	63.3	62.2	61.0	59.9	58.7	57.6	54.1	49.5	43.7



TEST NUMBER: P290225

CATALOG NUMBER: 8SSRK-LC-50-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	59.9	59.9	58.7	58.7	57.6	56.4	54.1	53.0	49.5	44.9	39.1
115°	55.3	55.3	55.3	54.1	53.0	51.8	50.6	48.3	44.9	40.3	34.5
117.5°	50.6	50.6	50.6	49.5	48.3	47.2	46.0	43.7	40.3	35.7	31.1
120°	46.0	46.0	46.0	44.9	43.7	42.6	41.4	39.1	35.7	32.2	26.5
122.5°	42.6	42.6	41.4	40.3	39.1	38.0	36.8	34.5	32.2	27.6	23.0
125°	38.0	38.0	36.8	36.8	35.7	34.5	33.4	31.1	27.6	24.2	20.7
127.5°	34.5	33.4	33.4	33.4	32.2	31.1	28.8	27.6	24.2	20.7	17.3
130°	29.9	29.9	29.9	28.8	28.8	27.6	25.3	23.0	20.7	18.4	15.0
132.5°	26.5	26.5	26.5	26.5	25.3	24.2	21.9	20.7	18.4	15.0	12.7
135°	24.2	24.2	23.0	23.0	21.9	20.7	19.6	17.3	15.0	12.7	10.4
137.5°	20.7	20.7	20.7	19.6	19.6	18.4	16.1	15.0	13.8	11.5	9.2
140°	18.4	18.4	17.3	17.3	16.1	16.1	15.0	12.7	11.5	9.2	8.1
142.5°	16.1	16.1	15.0	15.0	13.8	13.8	12.7	11.5	9.2	8.1	5.8
145°	13.8	13.8	12.7	12.7	12.7	11.5	10.4	9.2	8.1	6.9	5.8
147.5°	11.5	11.5	11.5	10.4	10.4	9.2	9.2	8.1	6.9	5.8	4.6
150°	10.4	10.4	9.2	9.2	9.2	8.1	6.9	6.9	5.8	4.6	3.5
152.5°	8.1	8.1	8.1	8.1	6.9	6.9	5.8	5.8	4.6	3.5	3.5
155°	6.9	6.9	6.9	5.8	5.8	5.8	4.6	4.6	3.5	3.5	2.3
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



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CATALOG NUMBER: 8SSRK-LC-50-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	2228.5	2228.5	2228.5	2228.5	2228.5	2228.5	2228.5
2.5°	2215.8	2214.7	2225.1	2223.9	2210.1	2230.8	2244.6
5°	2210.1	2208.9	2218.1	2220.5	2205.5	2227.4	2242.3
7.5°	2205.5	2204.3	2214.7	2218.1	2203.2	2222.8	2238.9
10°	2206.6	2200.9	2210.1	2212.4	2198.6	2219.3	2233.1
12.5°	2214.7	2200.9	2204.3	2204.3	2191.7	2210.1	2225.1
15°	2234.3	2205.5	2200.9	2197.4	2181.3	2198.6	2213.5
17.5°	2256.1	2217.0	2200.9	2189.4	2169.8	2184.8	2200.9
20°	2278.0	2229.7	2203.2	2184.8	2158.3	2172.1	2183.6
22.5°	2288.4	2241.2	2205.5	2177.9	2144.5	2151.4	2164.0
25°	2274.6	2236.6	2200.9	2167.5	2127.2	2128.4	2138.7
27.5°	2223.9	2213.5	2190.5	2157.1	2113.4	2107.6	2115.7
30°	2137.6	2166.4	2167.5	2143.3	2097.3	2085.8	2089.2
32.5°	2016.7	2081.2	2119.2	2114.6	2074.3	2058.1	2060.4
35°	1877.4	1958.0	2040.9	2068.5	2039.7	2027.1	2022.5
37.5°	1710.5	1818.7	1929.2	1997.1	1992.5	1984.5	1979.9
40°	1526.3	1656.4	1787.6	1895.8	1929.2	1929.2	1931.5
42.5°	1329.5	1481.5	1625.3	1762.3	1840.6	1857.9	1864.8
45°	1139.6	1292.7	1449.2	1606.9	1711.7	1765.8	1785.3
47.5°	966.9	1121.2	1269.7	1442.3	1581.6	1651.8	1682.9
50°	819.6	934.7	1091.2	1262.7	1414.7	1501.0	1562.0
52.5°	697.6	787.3	924.3	1084.3	1237.4	1356.0	1412.4
55°	595.1	656.1	772.4	910.5	1056.7	1179.9	1245.5
57.5°	508.8	557.1	636.6	751.7	874.8	996.8	1067.1
60°	432.8	466.2	520.3	611.2	716.0	820.7	888.6
62.5°	367.2	389.1	424.8	491.5	573.2	655.0	718.3
65°	316.5	325.8	345.3	386.8	448.9	511.1	565.2
67.5°	267.1	272.8	287.8	313.1	344.2	389.1	424.8
70°	230.2	230.2	231.4	246.3	262.4	291.2	316.5
72.5°	200.3	196.8	189.9	193.4	196.8	213.0	229.1
75°	176.1	168.1	156.5	151.9	149.6	151.9	161.2
77.5°	155.4	143.9	130.1	118.6	109.4	105.9	114.0
80°	138.1	124.3	108.2	93.2	78.3	70.2	73.7
82.5°	124.3	107.1	89.8	72.5	55.3	43.7	43.7
85°	109.4	93.2	74.8	56.4	39.1	24.2	21.9
87.5°	99.0	81.7	62.2	44.9	27.6	12.7	6.9
90°	88.6	71.4	53.0	35.7	19.6	5.8	0.0
92.5°	79.4	63.3	46.0	28.8	13.8	3.5	0.0
95°	71.4	56.4	39.1	24.2	11.5	2.3	1.2
97.5°	63.3	49.5	34.5	19.6	8.1	2.3	1.2
100°	57.6	43.7	29.9	16.1	6.9	1.2	1.2
102.5°	50.6	39.1	25.3	13.8	5.8	1.2	1.2
105°	44.9	34.5	21.9	11.5	4.6	1.2	1.2
107.5°	40.3	29.9	19.6	10.4	4.6	1.2	1.2
110°	35.7	26.5	17.3	9.2	3.5	1.2	1.2



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CATALOG NUMBER: 8SSRK-LC-50-L835-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	32.2	23.0	15.0	8.1	2.3	1.2	1.2
115°	27.6	20.7	12.7	6.9	2.3	1.2	1.2
117.5°	24.2	17.3	11.5	5.8	2.3	1.2	1.2
120°	20.7	15.0	9.2	4.6	1.2	1.2	1.2
122.5°	18.4	12.7	8.1	4.6	1.2	1.2	1.2
125°	16.1	11.5	6.9	3.5	1.2	1.2	1.2
127.5°	13.8	9.2	5.8	2.3	1.2	1.2	1.2
130°	11.5	8.1	4.6	2.3	1.2	1.2	1.2
132.5°	9.2	6.9	4.6	2.3	1.2	1.2	1.2
135°	8.1	5.8	3.5	2.3	1.2	1.2	1.2
137.5°	6.9	4.6	2.3	2.3	2.3	1.2	1.2
140°	5.8	3.5	2.3	2.3	2.3	2.3	1.2
142.5°	4.6	3.5	2.3	2.3	2.3	2.3	1.2
145°	3.5	2.3	2.3	2.3	2.3	2.3	1.2
147.5°	3.5	2.3	2.3	2.3	2.3	2.3	1.2
150°	2.3	2.3	2.3	2.3	2.3	2.3	2.3
152.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3
155°	2.3	2.3	2.3	2.3	2.3	2.3	2.3
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)