

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: STREETWORKS

Report Number: P560771

Luminaire Tested: **SDL-PA1-60-760-U-5WQ**

Issue Date: 7/26/2021

Test Information

Test Method: LM-79-08
Report Number: P560771
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2106-279-21)
Test Lab: INNOVATION CENTER
Issue Date: 7/26/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: SDL-PA1-60-760-U-5WQ
Description: Springdale
(1) 70 CRI, 5700K, 800mA LIGHT ENGINE WITH 24 LEDS AND TYPE V WIDE OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7744 lumens
Efficiency: N/A
Efficacy: 124.1 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 1.21' x L: 1.21' x H: 0.96')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G2

Input Watts (W): 62.4
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: 24 FT

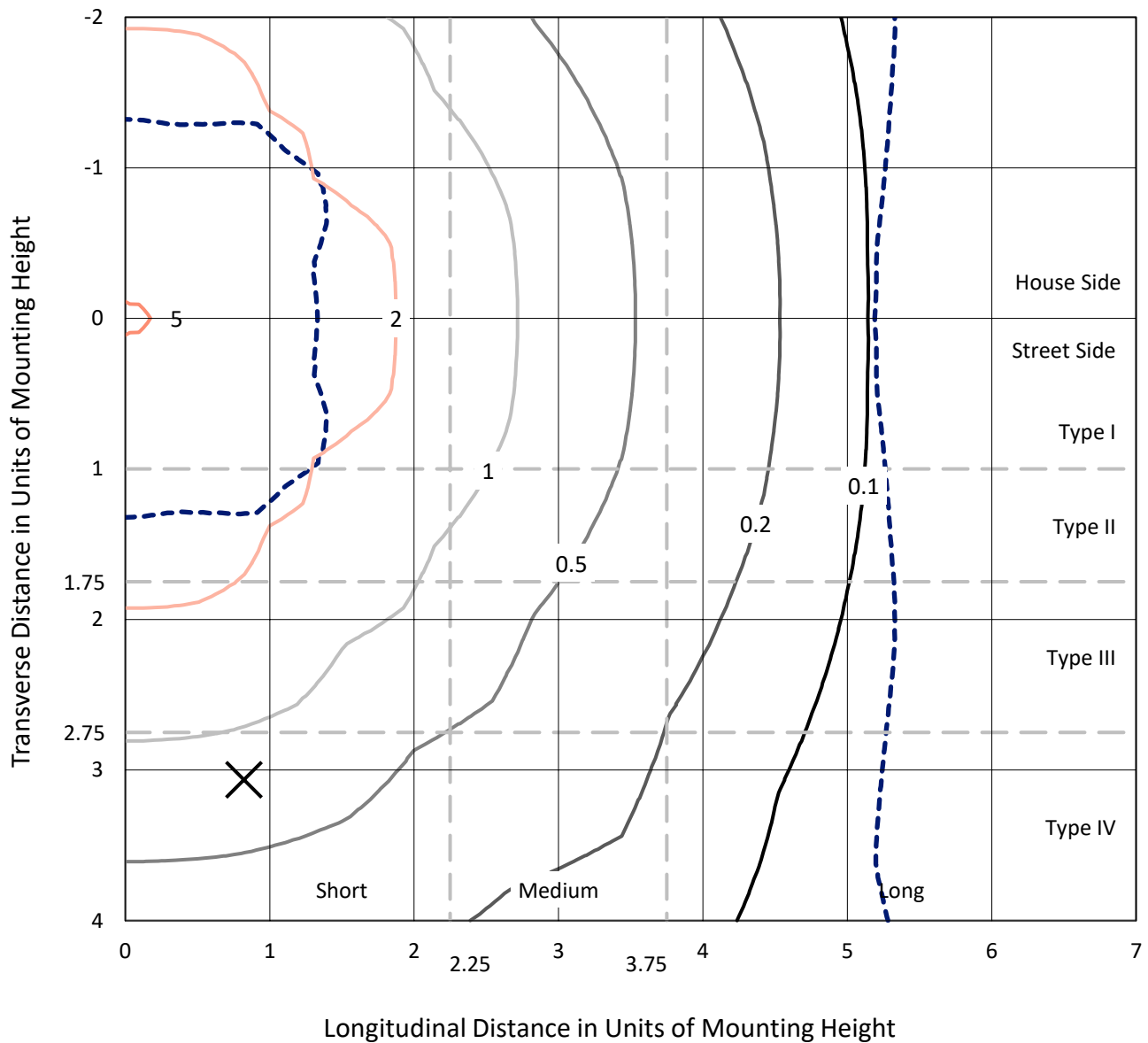


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
--- 1/2 Max cd

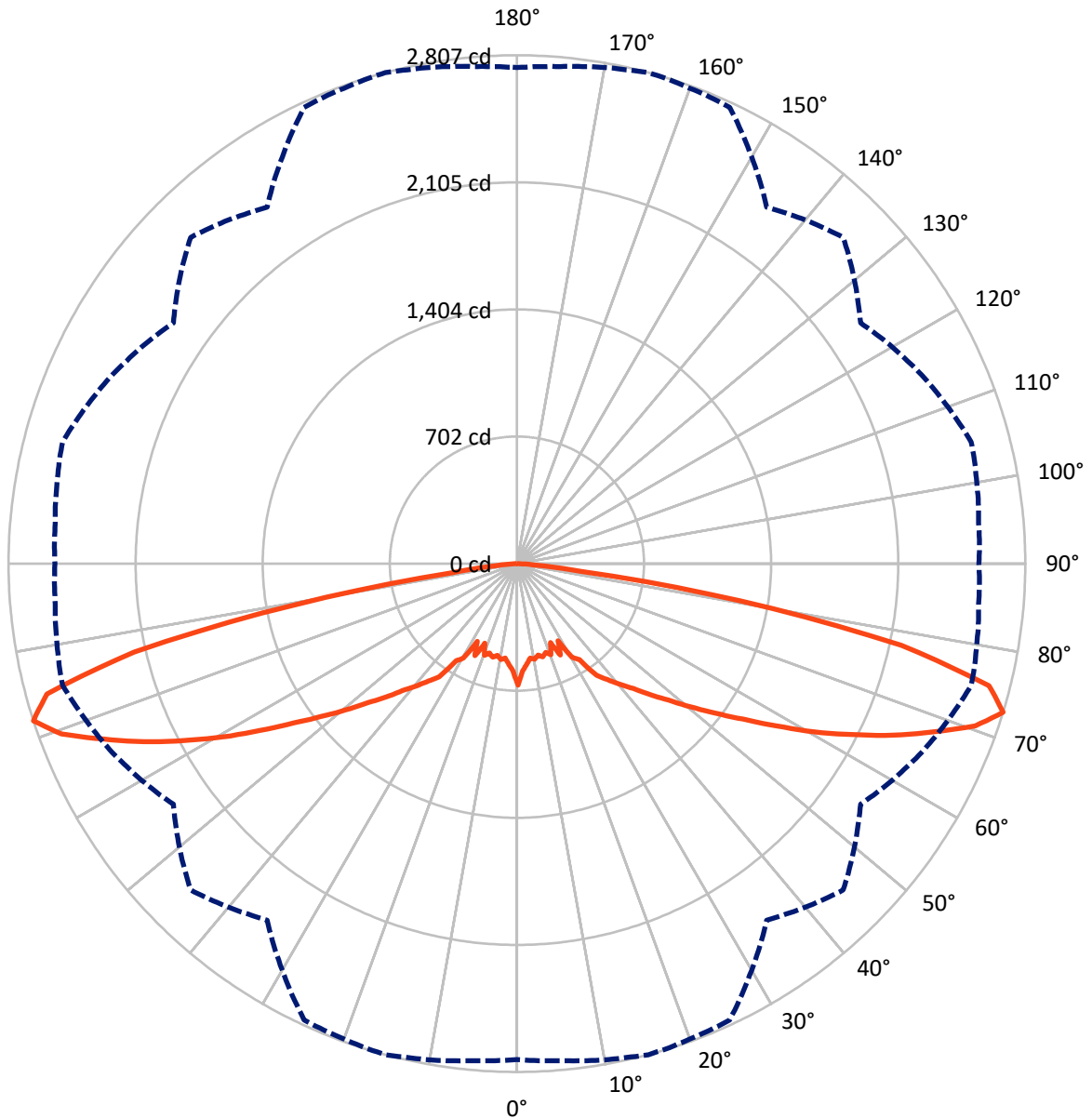


Based on 10 foot mounting height. Maximum calculated value = 6.7 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 15-Deg Lateral - - - Horizontal Cone Through 72.5-Deg Vertical

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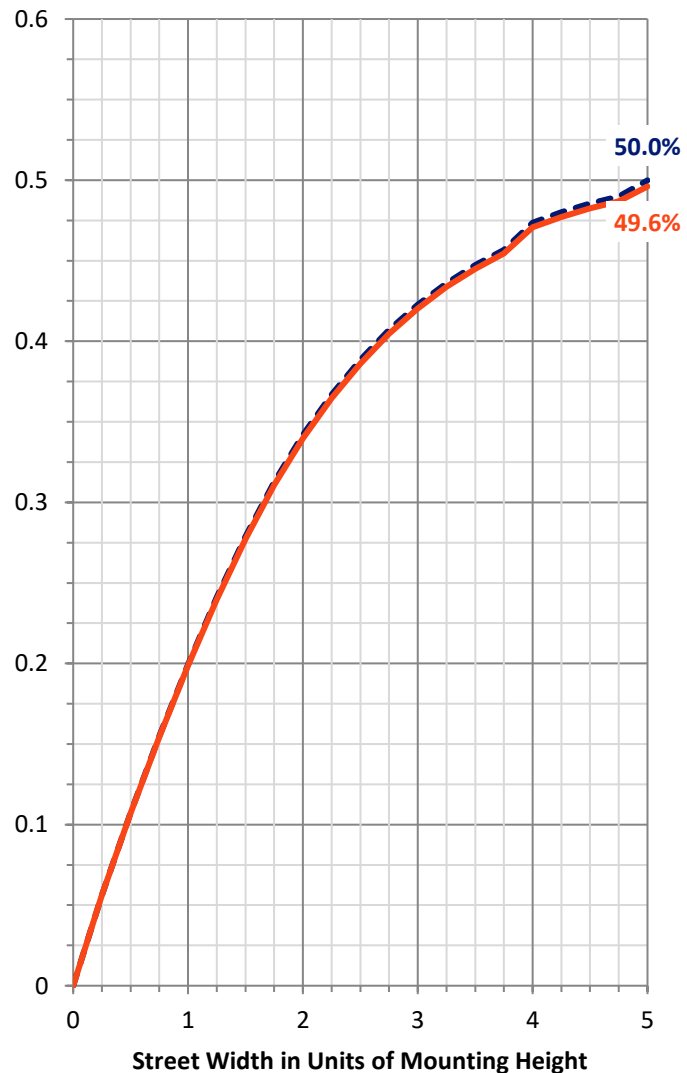
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3872.0	0.0	3872.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3872.0	0.0	3872.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	7744.0	0.0	7744.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	52.6	0.7
10°-20°	122.2	1.6
20°-30°	218.1	2.8
30°-40°	417.2	5.4
40°-50°	710.6	9.2
50°-60°	1244.0	16.1
60°-70°	2099.0	27.1
70°-80°	2448.3	31.6
80°-90°	431.9	5.6
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	7744.0	100.0
0°-180°	7744.0	100.0



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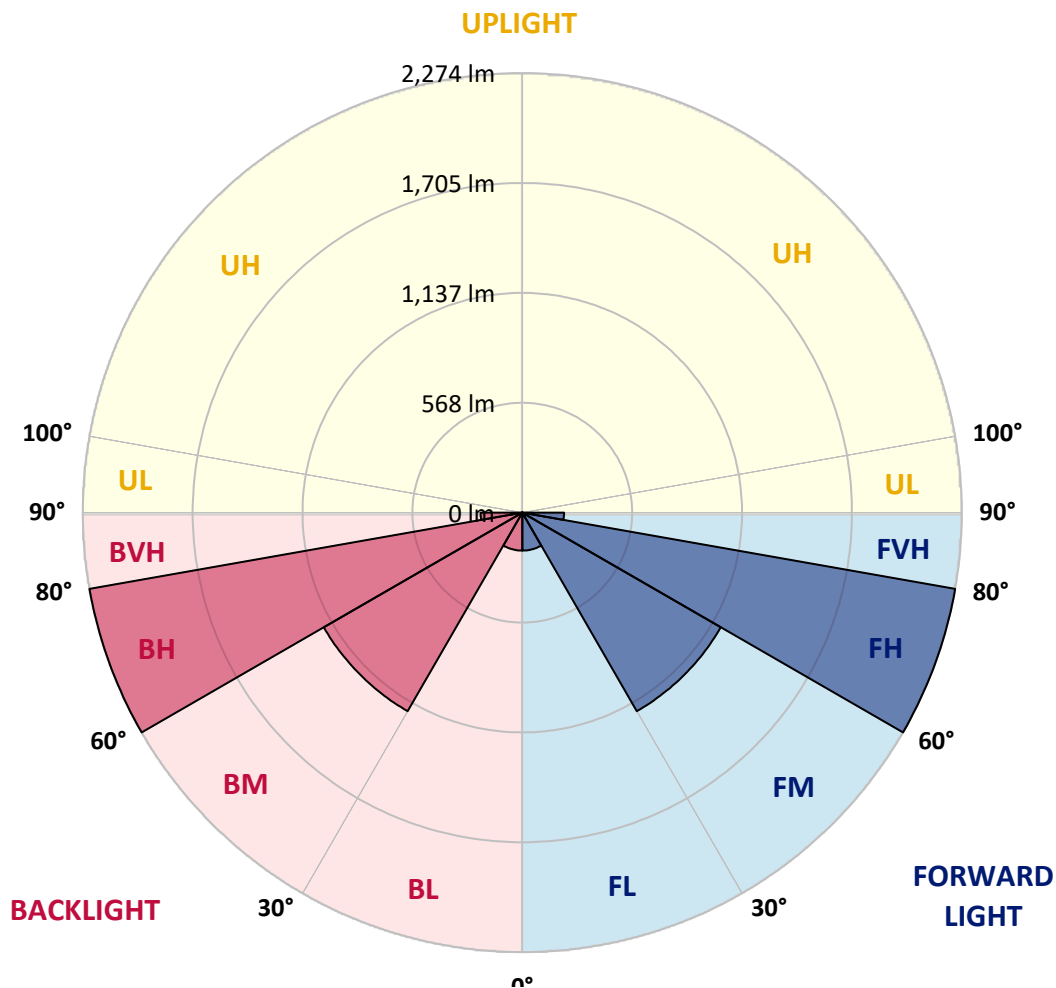
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	196.5	2.5			
FM	(30°-60°)	1185.9	15.3			
FH	(60°-80°)	2273.7	29.4			G2/5000
FVH	(80°-90°)	215.9	2.8			G2/225
BL	(0°-30°)	196.5	2.5	B1/500		
BM	(30°-60°)	1185.9	15.3	B2/2500		
BH	(60°-80°)	2273.7	29.4	B3/2500		G2/5000
BVH	(80°-90°)	215.9	2.8			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G2

Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	670.5	670.5	670.5	670.5	670.5	670.5	670.5	670.5	670.5	670.5	670.5
2.5°	594.2	596.9	596.9	596.9	596.9	594.2	594.2	602.3	610.5	618.7	626.9
5°	561.5	561.5	561.5	561.5	561.5	558.7	558.7	558.7	558.7	558.7	558.7
7.5°	479.7	485.1	487.9	498.8	506.9	517.8	526.0	528.7	531.5	531.5	534.2
10°	539.7	539.7	539.7	539.7	539.7	536.9	536.9	531.5	528.7	523.3	517.8
12.5°	474.2	471.5	468.8	482.4	493.3	506.9	517.8	520.6	523.3	526.0	528.7
15°	545.1	545.1	545.1	542.4	539.7	536.9	534.2	515.1	496.0	474.2	455.2
17.5°	463.3	466.1	466.1	479.7	490.6	504.2	515.1	509.7	504.2	496.0	490.6
20°	556.0	556.0	556.0	550.6	547.8	542.4	536.9	504.2	471.5	436.1	403.4
22.5°	471.5	471.5	471.5	471.5	474.2	474.2	474.2	477.0	479.7	482.4	485.1
25°	575.1	577.8	577.8	572.4	569.6	564.2	558.7	531.5	501.5	474.2	444.3
27.5°	496.0	496.0	496.0	493.3	490.6	485.1	482.4	487.9	496.0	501.5	506.9
30°	607.8	607.8	607.8	605.1	605.1	602.3	599.6	572.4	542.4	515.1	485.1
32.5°	738.6	735.9	733.2	708.6	684.1	656.8	632.3	618.7	605.1	588.7	575.1
35°	784.9	784.9	782.2	776.8	771.3	763.1	757.7	730.4	703.2	675.9	648.7
37.5°	831.3	831.3	828.6	825.8	820.4	817.7	812.2	782.2	755.0	725.0	695.0
40°	888.5	891.2	891.2	888.5	883.1	880.3	874.9	842.2	812.2	779.5	746.8
42.5°	959.4	959.4	956.7	953.9	951.2	945.8	943.0	913.0	880.3	850.4	817.7
45°	1043.9	1043.9	1041.1	1038.4	1038.4	1035.7	1033.0	1005.7	975.7	948.5	918.5
47.5°	1147.4	1144.7	1142.0	1139.3	1133.8	1131.1	1125.6	1095.7	1068.4	1038.4	1008.4
50°	1256.5	1256.5	1256.5	1253.7	1251.0	1245.6	1242.8	1215.6	1188.3	1158.3	1131.1
52.5°	1373.7	1376.4	1376.4	1376.4	1373.7	1373.7	1370.9	1343.7	1316.4	1286.4	1259.2
55°	1512.7	1512.7	1512.7	1512.7	1515.4	1515.4	1515.4	1488.1	1460.9	1433.6	1406.4
57.5°	1670.7	1681.6	1689.8	1689.8	1689.8	1689.8	1689.8	1662.6	1635.3	1608.1	1580.8
60°	1853.3	1856.1	1858.8	1867.0	1872.4	1880.6	1886.1	1861.5	1837.0	1812.5	1787.9
62.5°	2033.2	2038.7	2041.4	2052.3	2060.5	2071.4	2079.6	2063.2	2044.1	2027.8	2008.7
65°	2218.6	2224.0	2226.7	2240.4	2256.7	2270.4	2284.0	2270.4	2259.4	2245.8	2232.2
67.5°	2414.8	2420.3	2423.0	2436.6	2453.0	2466.6	2480.2	2474.8	2469.3	2463.9	2458.4
70°	2624.7	2627.4	2627.4	2641.0	2657.4	2671.0	2684.6	2681.9	2679.2	2676.5	2673.7
72.5°	2739.1	2747.3	2755.5	2769.1	2782.7	2793.6	2807.3	2801.8	2793.6	2788.2	2780.0
75°	2592.0	2597.4	2602.9	2624.7	2649.2	2671.0	2692.8	2701.0	2711.9	2720.1	2728.2
77.5°	2030.5	2055.0	2076.8	2101.4	2123.2	2147.7	2169.5	2215.8	2259.4	2305.8	2349.4
80°	1005.7	1019.3	1033.0	1087.5	1142.0	1196.5	1251.0	1332.8	1417.3	1499.0	1580.8
82.5°	242.6	242.6	242.6	272.6	299.8	329.8	357.0	430.6	506.9	580.5	654.1
85°	49.1	51.8	54.5	68.1	81.8	92.7	106.3	117.2	128.1	139.0	149.9
87.5°	8.2	8.2	8.2	8.2	10.9	10.9	10.9	13.6	16.4	16.4	19.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	670.5	670.5	670.5	670.5	670.5	670.5	670.5	670.5	670.5	670.5	670.5
2.5°	629.6	635.0	637.8	640.5	643.2	645.9	648.7	651.4	654.1	654.1	656.8
5°	558.7	558.7	558.7	558.7	558.7	558.7	558.7	558.7	561.5	564.2	566.9
7.5°	536.9	539.7	542.4	545.1	545.1	545.1	542.4	542.4	539.7	539.7	536.9
10°	504.2	490.6	474.2	460.6	460.6	463.3	463.3	463.3	455.2	449.7	441.5
12.5°	517.8	506.9	493.3	482.4	463.3	447.0	427.9	408.8	403.4	397.9	392.5
15°	438.8	425.2	408.8	392.5	384.3	373.4	365.2	354.3	351.6	348.9	343.4
17.5°	477.0	463.3	447.0	433.4	406.1	378.8	351.6	324.3	338.0	354.3	367.9
20°	406.1	406.1	408.8	408.8	408.8	406.1	406.1	403.4	395.2	384.3	376.1
22.5°	463.3	438.8	417.0	392.5	397.9	403.4	408.8	414.3	400.7	387.0	370.7
25°	452.4	460.6	466.1	474.2	452.4	430.6	406.1	384.3	395.2	406.1	417.0
27.5°	490.6	474.2	455.2	438.8	447.0	455.2	460.6	468.8	455.2	441.5	427.9
30°	487.9	490.6	490.6	493.3	482.4	468.8	457.9	444.3	449.7	457.9	463.3
32.5°	558.7	539.7	523.3	504.2	504.2	504.2	501.5	501.5	501.5	504.2	504.2
35°	624.1	602.3	577.8	553.3	547.8	545.1	539.7	534.2	539.7	545.1	550.6
37.5°	670.5	643.2	618.7	591.4	588.7	586.0	580.5	577.8	577.8	577.8	577.8
40°	722.3	697.7	673.2	648.7	643.2	637.8	629.6	624.1	621.4	618.7	613.2
42.5°	793.1	765.9	741.3	714.1	705.9	695.0	686.8	675.9	673.2	670.5	665.0
45°	885.8	850.4	817.7	782.2	771.3	763.1	752.2	741.3	738.6	733.2	730.4
47.5°	970.3	934.9	896.7	858.5	853.1	844.9	839.5	831.3	825.8	817.7	812.2
50°	1084.8	1035.7	989.4	940.3	940.3	937.6	937.6	934.9	923.9	913.0	902.1
52.5°	1212.9	1163.8	1117.5	1068.4	1062.9	1060.2	1054.8	1049.3	1038.4	1027.5	1013.9
55°	1357.3	1308.2	1259.2	1210.1	1207.4	1207.4	1204.7	1202.0	1185.6	1169.2	1152.9
57.5°	1531.7	1485.4	1436.3	1387.3	1390.0	1390.0	1392.7	1392.7	1370.9	1349.1	1324.6
60°	1733.4	1678.9	1621.7	1567.2	1575.3	1586.2	1594.4	1602.6	1575.3	1548.1	1518.1
62.5°	1954.2	1897.0	1842.4	1785.2	1801.6	1817.9	1831.5	1847.9	1807.0	1766.1	1725.2
65°	2166.8	2101.4	2036.0	1970.5	2000.5	2033.2	2063.2	2093.2	2044.1	1995.1	1946.0
67.5°	2382.1	2308.5	2232.2	2155.9	2191.3	2226.7	2262.2	2297.6	2248.5	2196.8	2147.7
70°	2581.1	2488.4	2395.7	2303.1	2338.5	2373.9	2409.4	2444.8	2398.5	2352.1	2305.8
72.5°	2687.4	2592.0	2499.3	2403.9	2439.3	2477.5	2512.9	2548.4	2491.1	2433.9	2373.9
75°	2646.5	2562.0	2480.2	2395.7	2447.5	2499.3	2551.1	2602.9	2526.5	2447.5	2371.2
77.5°	2308.5	2270.4	2229.5	2188.6	2281.3	2373.9	2466.6	2559.3	2450.2	2338.5	2229.5
80°	1608.1	1638.0	1665.3	1692.5	1826.1	1959.6	2090.5	2224.0	2095.9	1970.5	1842.4
82.5°	738.6	823.1	904.9	989.4	1122.9	1256.5	1387.3	1520.8	1379.1	1237.4	1092.9
85°	177.2	204.4	228.9	256.2	324.3	392.5	460.6	528.7	471.5	414.3	357.0
87.5°	21.8	24.5	24.5	27.3	24.5	24.5	21.8	19.1	21.8	21.8	24.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	670.5	670.5	670.5	670.5	670.5	670.5	670.5	670.5	670.5	670.5	670.5
2.5°	656.8	659.6	659.6	662.3	662.3	662.3	662.3	659.6	659.6	659.6	662.3
5°	569.6	583.3	594.2	607.8	618.7	624.1	632.3	637.8	643.2	645.9	645.9
7.5°	534.2	528.7	520.6	515.1	506.9	517.8	531.5	542.4	553.3	556.0	558.7
10°	433.4	430.6	425.2	422.5	417.0	419.7	425.2	427.9	430.6	444.3	460.6
12.5°	387.0	389.7	392.5	395.2	397.9	389.7	381.6	370.7	362.5	376.1	389.7
15°	340.7	340.7	343.4	343.4	343.4	354.3	365.2	376.1	387.0	406.1	427.9
17.5°	381.6	376.1	370.7	362.5	357.0	359.8	359.8	362.5	362.5	373.4	381.6
20°	365.2	357.0	351.6	343.4	335.2	348.9	362.5	376.1	389.7	411.6	433.4
22.5°	357.0	373.4	387.0	403.4	417.0	408.8	400.7	389.7	381.6	381.6	381.6
25°	427.9	414.3	400.7	387.0	373.4	397.9	419.7	444.3	466.1	482.4	496.0
27.5°	414.3	425.2	436.1	444.3	455.2	468.8	482.4	496.0	509.7	534.2	556.0
30°	468.8	482.4	496.0	506.9	520.6	556.0	588.7	624.1	656.8	673.2	689.6
32.5°	504.2	531.5	556.0	583.3	607.8	626.9	645.9	665.0	684.1	700.5	719.5
35°	556.0	577.8	596.9	618.7	637.8	659.6	681.4	700.5	722.3	738.6	755.0
37.5°	577.8	602.3	626.9	648.7	673.2	700.5	725.0	752.2	776.8	790.4	801.3
40°	610.5	640.5	670.5	700.5	730.4	757.7	784.9	812.2	839.5	850.4	861.3
42.5°	662.3	695.0	727.7	757.7	790.4	820.4	847.6	877.6	904.9	915.8	926.7
45°	725.0	757.7	790.4	823.1	855.8	888.5	921.2	953.9	986.6	1000.3	1013.9
47.5°	804.0	836.7	872.2	904.9	937.6	978.5	1016.6	1057.5	1095.7	1106.6	1117.5
50°	891.2	923.9	956.7	989.4	1022.1	1073.9	1122.9	1174.7	1223.8	1229.2	1237.4
52.5°	1003.0	1035.7	1065.7	1098.4	1128.4	1185.6	1242.8	1297.3	1354.6	1357.3	1362.8
55°	1136.5	1166.5	1199.2	1229.2	1259.2	1321.9	1381.8	1444.5	1504.5	1504.5	1507.2
57.5°	1302.8	1335.5	1368.2	1398.2	1430.9	1490.9	1550.8	1608.1	1668.0	1665.3	1662.6
60°	1490.9	1520.8	1548.1	1578.1	1605.3	1662.6	1722.5	1779.8	1837.0	1831.5	1823.4
62.5°	1684.4	1717.1	1749.8	1779.8	1812.5	1858.8	1907.9	1954.2	2000.5	1989.6	1978.7
65°	1897.0	1929.7	1965.1	1997.8	2030.5	2065.9	2104.1	2139.5	2175.0	2164.1	2155.9
67.5°	2095.9	2134.1	2172.2	2207.7	2245.8	2273.1	2300.3	2324.9	2352.1	2338.5	2324.9
70°	2259.4	2292.2	2324.9	2357.6	2390.3	2417.5	2444.8	2472.0	2499.3	2485.7	2472.0
72.5°	2316.7	2354.8	2393.0	2428.4	2466.6	2499.3	2532.0	2564.7	2597.4	2589.2	2578.3
75°	2292.2	2319.4	2346.7	2373.9	2401.2	2425.7	2453.0	2477.5	2502.0	2488.4	2474.8
77.5°	2117.7	2115.0	2109.5	2106.8	2101.4	2101.4	2104.1	2104.1	2104.1	2087.7	2071.4
80°	1714.3	1665.3	1616.2	1567.2	1518.1	1460.9	1403.6	1346.4	1289.2	1234.7	1180.1
82.5°	951.2	839.5	730.4	618.7	506.9	460.6	411.6	365.2	316.2	294.4	269.8
85°	299.8	261.6	223.5	185.3	147.2	139.0	130.8	119.9	111.7	103.6	95.4
87.5°	24.5	21.8	21.8	19.1	16.4	13.6	13.6	10.9	8.2	8.2	8.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	670.5	670.5	670.5	670.5	670.5	670.5	670.5	670.5	670.5	670.5	670.5
2.5°	662.3	662.3	662.3	662.3	662.3	662.3	662.3	662.3	659.6	659.6	659.6
5°	648.7	648.7	648.7	648.7	648.7	648.7	648.7	645.9	645.9	643.2	637.8
7.5°	558.7	561.5	561.5	558.7	561.5	561.5	558.7	558.7	556.0	553.3	542.4
10°	474.2	487.9	487.9	487.9	487.9	487.9	474.2	460.6	444.3	430.6	427.9
12.5°	403.4	417.0	417.0	417.0	417.0	417.0	403.4	389.7	376.1	362.5	370.7
15°	447.0	466.1	466.1	466.1	466.1	466.1	447.0	427.9	406.1	387.0	376.1
17.5°	392.5	400.7	403.4	403.4	403.4	400.7	392.5	381.6	373.4	362.5	362.5
20°	452.4	474.2	477.0	479.7	477.0	474.2	452.4	433.4	411.6	389.7	376.1
22.5°	378.8	378.8	381.6	381.6	381.6	378.8	378.8	381.6	381.6	381.6	389.7
25°	512.4	526.0	526.0	523.3	526.0	526.0	512.4	496.0	482.4	466.1	444.3
27.5°	580.5	602.3	607.8	610.5	607.8	602.3	580.5	556.0	534.2	509.7	496.0
30°	705.9	722.3	722.3	722.3	722.3	722.3	705.9	689.6	673.2	656.8	624.1
32.5°	735.9	752.2	752.2	752.2	752.2	752.2	735.9	719.5	700.5	684.1	665.0
35°	768.6	784.9	787.7	787.7	787.7	784.9	768.6	755.0	738.6	722.3	700.5
37.5°	814.9	825.8	828.6	831.3	828.6	825.8	814.9	801.3	790.4	776.8	752.2
40°	869.4	880.3	880.3	880.3	880.3	880.3	869.4	861.3	850.4	839.5	812.2
42.5°	937.6	948.5	951.2	953.9	951.2	948.5	937.6	926.7	915.8	904.9	877.6
45°	1024.8	1038.4	1041.1	1043.9	1041.1	1038.4	1024.8	1013.9	1000.3	986.6	953.9
47.5°	1128.4	1139.3	1139.3	1139.3	1139.3	1139.3	1128.4	1117.5	1106.6	1095.7	1057.5
50°	1242.8	1248.3	1251.0	1251.0	1251.0	1248.3	1242.8	1237.4	1229.2	1223.8	1174.7
52.5°	1365.5	1368.2	1368.2	1365.5	1368.2	1368.2	1365.5	1362.8	1357.3	1354.6	1297.3
55°	1507.2	1507.2	1504.5	1499.0	1504.5	1507.2	1507.2	1507.2	1504.5	1504.5	1444.5
57.5°	1659.8	1657.1	1657.1	1654.4	1657.1	1657.1	1659.8	1662.6	1665.3	1668.0	1608.1
60°	1817.9	1809.7	1807.0	1801.6	1807.0	1809.7	1817.9	1823.4	1831.5	1837.0	1779.8
62.5°	1967.8	1956.9	1956.9	1956.9	1956.9	1956.9	1967.8	1978.7	1989.6	2000.5	1954.2
65°	2145.0	2134.1	2128.6	2123.2	2128.6	2134.1	2145.0	2155.9	2164.1	2175.0	2139.5
67.5°	2311.2	2297.6	2292.2	2284.0	2292.2	2297.6	2311.2	2324.9	2338.5	2352.1	2324.9
70°	2455.7	2442.1	2439.3	2436.6	2439.3	2442.1	2455.7	2472.0	2485.7	2499.3	2472.0
72.5°	2570.2	2559.3	2556.5	2551.1	2556.5	2559.3	2570.2	2578.3	2589.2	2597.4	2564.7
75°	2461.1	2447.5	2439.3	2428.4	2439.3	2447.5	2461.1	2474.8	2488.4	2502.0	2477.5
77.5°	2055.0	2038.7	2033.2	2025.1	2033.2	2038.7	2055.0	2071.4	2087.7	2104.1	2104.1
80°	1125.6	1071.1	1057.5	1041.1	1057.5	1071.1	1125.6	1180.1	1234.7	1289.2	1346.4
82.5°	248.0	223.5	215.3	204.4	215.3	223.5	248.0	269.8	294.4	316.2	365.2
85°	84.5	76.3	70.9	65.4	70.9	76.3	84.5	95.4	103.6	111.7	119.9
87.5°	8.2	8.2	8.2	5.5	8.2	8.2	8.2	8.2	8.2	8.2	10.9
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: P560771

CATALOG NUMBER: SDL-PA1-60-760-U-5WQ

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	670.5	670.5	670.5	670.5	670.5	670.5	670.5	670.5	670.5	670.5	670.5
2.5°	662.3	662.3	662.3	662.3	659.6	659.6	656.8	656.8	654.1	654.1	651.4
5°	632.3	624.1	618.7	607.8	594.2	583.3	569.6	566.9	564.2	561.5	558.7
7.5°	531.5	517.8	506.9	515.1	520.6	528.7	534.2	536.9	539.7	539.7	542.4
10°	425.2	419.7	417.0	422.5	425.2	430.6	433.4	441.5	449.7	455.2	463.3
12.5°	381.6	389.7	397.9	395.2	392.5	389.7	387.0	392.5	397.9	403.4	408.8
15°	365.2	354.3	343.4	343.4	343.4	340.7	340.7	343.4	348.9	351.6	354.3
17.5°	359.8	359.8	357.0	362.5	370.7	376.1	381.6	367.9	354.3	338.0	324.3
20°	362.5	348.9	335.2	343.4	351.6	357.0	365.2	376.1	384.3	395.2	403.4
22.5°	400.7	408.8	417.0	403.4	387.0	373.4	357.0	370.7	387.0	400.7	414.3
25°	419.7	397.9	373.4	387.0	400.7	414.3	427.9	417.0	406.1	395.2	384.3
27.5°	482.4	468.8	455.2	444.3	436.1	425.2	414.3	427.9	441.5	455.2	468.8
30°	588.7	556.0	520.6	506.9	496.0	482.4	468.8	463.3	457.9	449.7	444.3
32.5°	645.9	626.9	607.8	583.3	556.0	531.5	504.2	504.2	504.2	501.5	501.5
35°	681.4	659.6	637.8	618.7	596.9	577.8	556.0	550.6	545.1	539.7	534.2
37.5°	725.0	700.5	673.2	648.7	626.9	602.3	577.8	577.8	577.8	577.8	577.8
40°	784.9	757.7	730.4	700.5	670.5	640.5	610.5	613.2	618.7	621.4	624.1
42.5°	847.6	820.4	790.4	757.7	727.7	695.0	662.3	665.0	670.5	673.2	675.9
45°	921.2	888.5	855.8	823.1	790.4	757.7	725.0	730.4	733.2	738.6	741.3
47.5°	1016.6	978.5	937.6	904.9	872.2	836.7	804.0	812.2	817.7	825.8	831.3
50°	1122.9	1073.9	1022.1	989.4	956.7	923.9	891.2	902.1	913.0	923.9	934.9
52.5°	1242.8	1185.6	1128.4	1098.4	1065.7	1035.7	1003.0	1013.9	1027.5	1038.4	1049.3
55°	1381.8	1321.9	1259.2	1229.2	1199.2	1166.5	1136.5	1152.9	1169.2	1185.6	1202.0
57.5°	1550.8	1490.9	1430.9	1398.2	1368.2	1335.5	1302.8	1324.6	1349.1	1370.9	1392.7
60°	1722.5	1662.6	1605.3	1578.1	1548.1	1520.8	1490.9	1518.1	1548.1	1575.3	1602.6
62.5°	1907.9	1858.8	1812.5	1779.8	1749.8	1717.1	1684.4	1725.2	1766.1	1807.0	1847.9
65°	2104.1	2065.9	2030.5	1997.8	1965.1	1929.7	1897.0	1946.0	1995.1	2044.1	2093.2
67.5°	2300.3	2273.1	2245.8	2207.7	2172.2	2134.1	2095.9	2147.7	2196.8	2248.5	2297.6
70°	2444.8	2417.5	2390.3	2357.6	2324.9	2292.2	2259.4	2305.8	2352.1	2398.5	2444.8
72.5°	2532.0	2499.3	2466.6	2428.4	2393.0	2354.8	2316.7	2373.9	2433.9	2491.1	2548.4
75°	2453.0	2425.7	2401.2	2373.9	2346.7	2319.4	2292.2	2371.2	2447.5	2526.5	2602.9
77.5°	2104.1	2101.4	2101.4	2106.8	2109.5	2115.0	2117.7	2229.5	2338.5	2450.2	2559.3
80°	1403.6	1460.9	1518.1	1567.2	1616.2	1665.3	1714.3	1842.4	1970.5	2095.9	2224.0
82.5°	411.6	460.6	506.9	618.7	730.4	839.5	951.2	1092.9	1237.4	1379.1	1520.8
85°	130.8	139.0	147.2	185.3	223.5	261.6	299.8	357.0	414.3	471.5	528.7
87.5°	13.6	13.6	16.4	19.1	21.8	21.8	24.5	24.5	21.8	21.8	19.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: SDL-PA1-60-760-U-5WQ

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	670.5	670.5	670.5	670.5	670.5	670.5	670.5	670.5	670.5	670.5	670.5
2.5°	648.7	645.9	643.2	640.5	637.8	635.0	629.6	626.9	618.7	610.5	602.3
5°	558.7	558.7	558.7	558.7	558.7	558.7	558.7	558.7	558.7	558.7	558.7
7.5°	542.4	545.1	545.1	545.1	542.4	539.7	536.9	534.2	531.5	531.5	528.7
10°	463.3	463.3	460.6	460.6	474.2	490.6	504.2	517.8	523.3	528.7	531.5
12.5°	427.9	447.0	463.3	482.4	493.3	506.9	517.8	528.7	526.0	523.3	520.6
15°	365.2	373.4	384.3	392.5	408.8	425.2	438.8	455.2	474.2	496.0	515.1
17.5°	351.6	378.8	406.1	433.4	447.0	463.3	477.0	490.6	496.0	504.2	509.7
20°	406.1	406.1	408.8	408.8	408.8	406.1	406.1	403.4	436.1	471.5	504.2
22.5°	408.8	403.4	397.9	392.5	417.0	438.8	463.3	485.1	482.4	479.7	477.0
25°	406.1	430.6	452.4	474.2	466.1	460.6	452.4	444.3	474.2	501.5	531.5
27.5°	460.6	455.2	447.0	438.8	455.2	474.2	490.6	506.9	501.5	496.0	487.9
30°	457.9	468.8	482.4	493.3	490.6	490.6	487.9	485.1	515.1	542.4	572.4
32.5°	501.5	504.2	504.2	504.2	523.3	539.7	558.7	575.1	588.7	605.1	618.7
35°	539.7	545.1	547.8	553.3	577.8	602.3	624.1	648.7	675.9	703.2	730.4
37.5°	580.5	586.0	588.7	591.4	618.7	643.2	670.5	695.0	725.0	755.0	782.2
40°	629.6	637.8	643.2	648.7	673.2	697.7	722.3	746.8	779.5	812.2	842.2
42.5°	686.8	695.0	705.9	714.1	741.3	765.9	793.1	817.7	850.4	880.3	913.0
45°	752.2	763.1	771.3	782.2	817.7	850.4	885.8	918.5	948.5	975.7	1005.7
47.5°	839.5	844.9	853.1	858.5	896.7	934.9	970.3	1008.4	1038.4	1068.4	1095.7
50°	937.6	937.6	940.3	940.3	989.4	1035.7	1084.8	1131.1	1158.3	1188.3	1215.6
52.5°	1054.8	1060.2	1062.9	1068.4	1117.5	1163.8	1212.9	1259.2	1286.4	1316.4	1343.7
55°	1204.7	1207.4	1207.4	1210.1	1259.2	1308.2	1357.3	1406.4	1433.6	1460.9	1488.1
57.5°	1392.7	1390.0	1390.0	1387.3	1436.3	1485.4	1531.7	1580.8	1608.1	1635.3	1662.6
60°	1594.4	1586.2	1575.3	1567.2	1621.7	1678.9	1733.4	1787.9	1812.5	1837.0	1861.5
62.5°	1831.5	1817.9	1801.6	1785.2	1842.4	1897.0	1954.2	2008.7	2027.8	2044.1	2063.2
65°	2063.2	2033.2	2000.5	1970.5	2036.0	2101.4	2166.8	2232.2	2245.8	2259.4	2270.4
67.5°	2262.2	2226.7	2191.3	2155.9	2232.2	2308.5	2382.1	2458.4	2463.9	2469.3	2474.8
70°	2409.4	2373.9	2338.5	2303.1	2395.7	2488.4	2581.1	2673.7	2676.5	2679.2	2681.9
72.5°	2512.9	2477.5	2439.3	2403.9	2499.3	2592.0	2687.4	2780.0	2788.2	2793.6	2801.8
75°	2551.1	2499.3	2447.5	2395.7	2480.2	2562.0	2646.5	2728.2	2720.1	2711.9	2701.0
77.5°	2466.6	2373.9	2281.3	2188.6	2229.5	2270.4	2308.5	2349.4	2305.8	2259.4	2215.8
80°	2090.5	1959.6	1826.1	1692.5	1665.3	1638.0	1608.1	1580.8	1499.0	1417.3	1332.8
82.5°	1387.3	1256.5	1122.9	989.4	904.9	823.1	738.6	654.1	580.5	506.9	430.6
85°	460.6	392.5	324.3	256.2	228.9	204.4	177.2	149.9	139.0	128.1	117.2
87.5°	21.8	24.5	24.5	27.3	24.5	24.5	21.8	19.1	16.4	16.4	13.6
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: P560771

CATALOG NUMBER: SDL-PA1-60-760-U-5WQ

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	670.5	670.5	670.5	670.5	670.5	670.5	670.5	670.5	670.5	670.5	670.5
2.5°	594.2	594.2	596.9	596.9	596.9	596.9	594.2	596.9	596.9	596.9	596.9
5°	558.7	558.7	561.5	561.5	561.5	561.5	561.5	561.5	561.5	561.5	561.5
7.5°	526.0	517.8	506.9	498.8	487.9	485.1	479.7	485.1	487.9	498.8	506.9
10°	536.9	536.9	539.7	539.7	539.7	539.7	539.7	539.7	539.7	539.7	539.7
12.5°	517.8	506.9	493.3	482.4	468.8	471.5	474.2	471.5	468.8	482.4	493.3
15°	534.2	536.9	539.7	542.4	545.1	545.1	545.1	545.1	545.1	542.4	539.7
17.5°	515.1	504.2	490.6	479.7	466.1	466.1	463.3	466.1	466.1	479.7	490.6
20°	536.9	542.4	547.8	550.6	556.0	556.0	556.0	556.0	556.0	550.6	547.8
22.5°	474.2	474.2	474.2	471.5	471.5	471.5	471.5	471.5	471.5	471.5	474.2
25°	558.7	564.2	569.6	572.4	577.8	577.8	575.1	577.8	577.8	572.4	569.6
27.5°	482.4	485.1	490.6	493.3	496.0	496.0	496.0	496.0	496.0	493.3	490.6
30°	599.6	602.3	605.1	605.1	607.8	607.8	607.8	607.8	607.8	605.1	605.1
32.5°	632.3	656.8	684.1	708.6	733.2	735.9	738.6	735.9	733.2	708.6	684.1
35°	757.7	763.1	771.3	776.8	782.2	784.9	784.9	784.9	782.2	776.8	771.3
37.5°	812.2	817.7	820.4	825.8	828.6	831.3	831.3	831.3	828.6	825.8	820.4
40°	874.9	880.3	883.1	888.5	891.2	891.2	888.5	891.2	891.2	888.5	883.1
42.5°	943.0	945.8	951.2	953.9	956.7	959.4	959.4	959.4	956.7	953.9	951.2
45°	1033.0	1035.7	1038.4	1038.4	1041.1	1043.9	1043.9	1043.9	1041.1	1038.4	1038.4
47.5°	1125.6	1131.1	1133.8	1139.3	1142.0	1144.7	1147.4	1144.7	1142.0	1139.3	1133.8
50°	1242.8	1245.6	1251.0	1253.7	1256.5	1256.5	1256.5	1256.5	1256.5	1253.7	1251.0
52.5°	1370.9	1373.7	1373.7	1376.4	1376.4	1376.4	1373.7	1376.4	1376.4	1376.4	1373.7
55°	1515.4	1515.4	1515.4	1512.7	1512.7	1512.7	1512.7	1512.7	1512.7	1512.7	1515.4
57.5°	1689.8	1689.8	1689.8	1689.8	1689.8	1681.6	1670.7	1681.6	1689.8	1689.8	1689.8
60°	1886.1	1880.6	1872.4	1867.0	1858.8	1856.1	1853.3	1856.1	1858.8	1867.0	1872.4
62.5°	2079.6	2071.4	2060.5	2052.3	2041.4	2038.7	2033.2	2038.7	2041.4	2052.3	2060.5
65°	2284.0	2270.4	2256.7	2240.4	2226.7	2224.0	2218.6	2224.0	2226.7	2240.4	2256.7
67.5°	2480.2	2466.6	2453.0	2436.6	2423.0	2420.3	2414.8	2420.3	2423.0	2436.6	2453.0
70°	2684.6	2671.0	2657.4	2641.0	2627.4	2627.4	2624.7	2627.4	2627.4	2641.0	2657.4
72.5°	2807.3	2793.6	2782.7	2769.1	2755.5	2747.3	2739.1	2747.3	2755.5	2769.1	2782.7
75°	2692.8	2671.0	2649.2	2624.7	2602.9	2597.4	2592.0	2597.4	2602.9	2624.7	2649.2
77.5°	2169.5	2147.7	2123.2	2101.4	2076.8	2055.0	2030.5	2055.0	2076.8	2101.4	2123.2
80°	1251.0	1196.5	1142.0	1087.5	1033.0	1019.3	1005.7	1019.3	1033.0	1087.5	1142.0
82.5°	357.0	329.8	299.8	272.6	242.6	242.6	242.6	242.6	242.6	272.6	299.8
85°	106.3	92.7	81.8	68.1	54.5	51.8	49.1	51.8	54.5	68.1	81.8
87.5°	10.9	10.9	10.9	8.2	8.2	8.2	8.2	8.2	8.2	8.2	10.9
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: P560771

CATALOG NUMBER: SDL-PA1-60-760-U-5WQ

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	670.5	670.5	670.5	670.5	670.5	670.5	670.5	670.5	670.5	670.5	670.5
2.5°	594.2	594.2	602.3	610.5	618.7	626.9	629.6	635.0	637.8	640.5	643.2
5°	558.7	558.7	558.7	558.7	558.7	558.7	558.7	558.7	558.7	558.7	558.7
7.5°	517.8	526.0	528.7	531.5	531.5	534.2	536.9	539.7	542.4	545.1	545.1
10°	536.9	536.9	531.5	528.7	523.3	517.8	504.2	490.6	474.2	460.6	460.6
12.5°	506.9	517.8	520.6	523.3	526.0	528.7	517.8	506.9	493.3	482.4	463.3
15°	536.9	534.2	515.1	496.0	474.2	455.2	438.8	425.2	408.8	392.5	384.3
17.5°	504.2	515.1	509.7	504.2	496.0	490.6	477.0	463.3	447.0	433.4	406.1
20°	542.4	536.9	504.2	471.5	436.1	403.4	406.1	406.1	408.8	408.8	408.8
22.5°	474.2	474.2	477.0	479.7	482.4	485.1	463.3	438.8	417.0	392.5	397.9
25°	564.2	558.7	531.5	501.5	474.2	444.3	452.4	460.6	466.1	474.2	452.4
27.5°	485.1	482.4	487.9	496.0	501.5	506.9	490.6	474.2	455.2	438.8	447.0
30°	602.3	599.6	572.4	542.4	515.1	485.1	487.9	490.6	490.6	493.3	482.4
32.5°	656.8	632.3	618.7	605.1	588.7	575.1	558.7	539.7	523.3	504.2	504.2
35°	763.1	757.7	730.4	703.2	675.9	648.7	624.1	602.3	577.8	553.3	547.8
37.5°	817.7	812.2	782.2	755.0	725.0	695.0	670.5	643.2	618.7	591.4	588.7
40°	880.3	874.9	842.2	812.2	779.5	746.8	722.3	697.7	673.2	648.7	643.2
42.5°	945.8	943.0	913.0	880.3	850.4	817.7	793.1	765.9	741.3	714.1	705.9
45°	1035.7	1033.0	1005.7	975.7	948.5	918.5	885.8	850.4	817.7	782.2	771.3
47.5°	1131.1	1125.6	1095.7	1068.4	1038.4	1008.4	970.3	934.9	896.7	858.5	853.1
50°	1245.6	1242.8	1215.6	1188.3	1158.3	1131.1	1084.8	1035.7	989.4	940.3	940.3
52.5°	1373.7	1370.9	1343.7	1316.4	1286.4	1259.2	1212.9	1163.8	1117.5	1068.4	1062.9
55°	1515.4	1515.4	1488.1	1460.9	1433.6	1406.4	1357.3	1308.2	1259.2	1210.1	1207.4
57.5°	1689.8	1689.8	1662.6	1635.3	1608.1	1580.8	1531.7	1485.4	1436.3	1387.3	1390.0
60°	1880.6	1886.1	1861.5	1837.0	1812.5	1787.9	1733.4	1678.9	1621.7	1567.2	1575.3
62.5°	2071.4	2079.6	2063.2	2044.1	2027.8	2008.7	1954.2	1897.0	1842.4	1785.2	1801.6
65°	2270.4	2284.0	2270.4	2259.4	2245.8	2232.2	2166.8	2101.4	2036.0	1970.5	2000.5
67.5°	2466.6	2480.2	2474.8	2469.3	2463.9	2458.4	2382.1	2308.5	2232.2	2155.9	2191.3
70°	2671.0	2684.6	2681.9	2679.2	2676.5	2673.7	2581.1	2488.4	2395.7	2303.1	2338.5
72.5°	2793.6	2807.3	2801.8	2793.6	2788.2	2780.0	2687.4	2592.0	2499.3	2403.9	2439.3
75°	2671.0	2692.8	2701.0	2711.9	2720.1	2728.2	2646.5	2562.0	2480.2	2395.7	2447.5
77.5°	2147.7	2169.5	2215.8	2259.4	2305.8	2349.4	2308.5	2270.4	2229.5	2188.6	2281.3
80°	1196.5	1251.0	1332.8	1417.3	1499.0	1580.8	1608.1	1638.0	1665.3	1692.5	1826.1
82.5°	329.8	357.0	430.6	506.9	580.5	654.1	738.6	823.1	904.9	989.4	1122.9
85°	92.7	106.3	117.2	128.1	139.0	149.9	177.2	204.4	228.9	256.2	324.3
87.5°	10.9	10.9	13.6	16.4	16.4	19.1	21.8	24.5	24.5	27.3	24.5
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: P560771

CATALOG NUMBER: SDL-PA1-60-760-U-5WQ

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	670.5	670.5	670.5	670.5	670.5	670.5	670.5	670.5	670.5	670.5	670.5
2.5°	645.9	648.7	651.4	654.1	654.1	656.8	656.8	659.6	659.6	662.3	662.3
5°	558.7	558.7	558.7	561.5	564.2	566.9	569.6	583.3	594.2	607.8	618.7
7.5°	545.1	542.4	542.4	539.7	539.7	536.9	534.2	528.7	520.6	515.1	506.9
10°	463.3	463.3	463.3	455.2	449.7	441.5	433.4	430.6	425.2	422.5	417.0
12.5°	447.0	427.9	408.8	403.4	397.9	392.5	387.0	389.7	392.5	395.2	397.9
15°	373.4	365.2	354.3	351.6	348.9	343.4	340.7	340.7	343.4	343.4	343.4
17.5°	378.8	351.6	324.3	338.0	354.3	367.9	381.6	376.1	370.7	362.5	357.0
20°	406.1	406.1	403.4	395.2	384.3	376.1	365.2	357.0	351.6	343.4	335.2
22.5°	403.4	408.8	414.3	400.7	387.0	370.7	357.0	373.4	387.0	403.4	417.0
25°	430.6	406.1	384.3	395.2	406.1	417.0	427.9	414.3	400.7	387.0	373.4
27.5°	455.2	460.6	468.8	455.2	441.5	427.9	414.3	425.2	436.1	444.3	455.2
30°	468.8	457.9	444.3	449.7	457.9	463.3	468.8	482.4	496.0	506.9	520.6
32.5°	504.2	501.5	501.5	501.5	504.2	504.2	504.2	531.5	556.0	583.3	607.8
35°	545.1	539.7	534.2	539.7	545.1	550.6	556.0	577.8	596.9	618.7	637.8
37.5°	586.0	580.5	577.8	577.8	577.8	577.8	577.8	602.3	626.9	648.7	673.2
40°	637.8	629.6	624.1	621.4	618.7	613.2	610.5	640.5	670.5	700.5	730.4
42.5°	695.0	686.8	675.9	673.2	670.5	665.0	662.3	695.0	727.7	757.7	790.4
45°	763.1	752.2	741.3	738.6	733.2	730.4	725.0	757.7	790.4	823.1	855.8
47.5°	844.9	839.5	831.3	825.8	817.7	812.2	804.0	836.7	872.2	904.9	937.6
50°	937.6	937.6	934.9	923.9	913.0	902.1	891.2	923.9	956.7	989.4	1022.1
52.5°	1060.2	1054.8	1049.3	1038.4	1027.5	1013.9	1003.0	1035.7	1065.7	1098.4	1128.4
55°	1207.4	1204.7	1202.0	1185.6	1169.2	1152.9	1136.5	1166.5	1199.2	1229.2	1259.2
57.5°	1390.0	1392.7	1392.7	1370.9	1349.1	1324.6	1302.8	1335.5	1368.2	1398.2	1430.9
60°	1586.2	1594.4	1602.6	1575.3	1548.1	1518.1	1490.9	1520.8	1548.1	1578.1	1605.3
62.5°	1817.9	1831.5	1847.9	1807.0	1766.1	1725.2	1684.4	1717.1	1749.8	1779.8	1812.5
65°	2033.2	2063.2	2093.2	2044.1	1995.1	1946.0	1897.0	1929.7	1965.1	1997.8	2030.5
67.5°	2226.7	2262.2	2297.6	2248.5	2196.8	2147.7	2095.9	2134.1	2172.2	2207.7	2245.8
70°	2373.9	2409.4	2444.8	2398.5	2352.1	2305.8	2259.4	2292.2	2324.9	2357.6	2390.3
72.5°	2477.5	2512.9	2548.4	2491.1	2433.9	2373.9	2316.7	2354.8	2393.0	2428.4	2466.6
75°	2499.3	2551.1	2602.9	2526.5	2447.5	2371.2	2292.2	2319.4	2346.7	2373.9	2401.2
77.5°	2373.9	2466.6	2559.3	2450.2	2338.5	2229.5	2117.7	2115.0	2109.5	2106.8	2101.4
80°	1959.6	2090.5	2224.0	2095.9	1970.5	1842.4	1714.3	1665.3	1616.2	1567.2	1518.1
82.5°	1256.5	1387.3	1520.8	1379.1	1237.4	1092.9	951.2	839.5	730.4	618.7	506.9
85°	392.5	460.6	528.7	471.5	414.3	357.0	299.8	261.6	223.5	185.3	147.2
87.5°	24.5	21.8	19.1	21.8	21.8	24.5	24.5	21.8	21.8	19.1	16.4
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: P560771

CATALOG NUMBER: SDL-PA1-60-760-U-5WQ

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	670.5	670.5	670.5	670.5	670.5	670.5	670.5	670.5	670.5	670.5	670.5
2.5°	662.3	662.3	659.6	659.6	659.6	662.3	662.3	662.3	662.3	662.3	662.3
5°	624.1	632.3	637.8	643.2	645.9	645.9	648.7	648.7	648.7	648.7	648.7
7.5°	517.8	531.5	542.4	553.3	556.0	558.7	558.7	561.5	561.5	558.7	561.5
10°	419.7	425.2	427.9	430.6	444.3	460.6	474.2	487.9	487.9	487.9	487.9
12.5°	389.7	381.6	370.7	362.5	376.1	389.7	403.4	417.0	417.0	417.0	417.0
15°	354.3	365.2	376.1	387.0	406.1	427.9	447.0	466.1	466.1	466.1	466.1
17.5°	359.8	359.8	362.5	362.5	373.4	381.6	392.5	400.7	403.4	403.4	403.4
20°	348.9	362.5	376.1	389.7	411.6	433.4	452.4	474.2	477.0	479.7	477.0
22.5°	408.8	400.7	389.7	381.6	381.6	381.6	378.8	378.8	381.6	381.6	381.6
25°	397.9	419.7	444.3	466.1	482.4	496.0	512.4	526.0	526.0	523.3	526.0
27.5°	468.8	482.4	496.0	509.7	534.2	556.0	580.5	602.3	607.8	610.5	607.8
30°	556.0	588.7	624.1	656.8	673.2	689.6	705.9	722.3	722.3	722.3	722.3
32.5°	626.9	645.9	665.0	684.1	700.5	719.5	735.9	752.2	752.2	752.2	752.2
35°	659.6	681.4	700.5	722.3	738.6	755.0	768.6	784.9	787.7	787.7	787.7
37.5°	700.5	725.0	752.2	776.8	790.4	801.3	814.9	825.8	828.6	831.3	828.6
40°	757.7	784.9	812.2	839.5	850.4	861.3	869.4	880.3	880.3	880.3	880.3
42.5°	820.4	847.6	877.6	904.9	915.8	926.7	937.6	948.5	951.2	953.9	951.2
45°	888.5	921.2	953.9	986.6	1000.3	1013.9	1024.8	1038.4	1041.1	1043.9	1041.1
47.5°	978.5	1016.6	1057.5	1095.7	1106.6	1117.5	1128.4	1139.3	1139.3	1139.3	1139.3
50°	1073.9	1122.9	1174.7	1223.8	1229.2	1237.4	1242.8	1248.3	1251.0	1251.0	1251.0
52.5°	1185.6	1242.8	1297.3	1354.6	1357.3	1362.8	1365.5	1368.2	1368.2	1365.5	1368.2
55°	1321.9	1381.8	1444.5	1504.5	1504.5	1507.2	1507.2	1507.2	1504.5	1499.0	1504.5
57.5°	1490.9	1550.8	1608.1	1668.0	1665.3	1662.6	1659.8	1657.1	1657.1	1654.4	1657.1
60°	1662.6	1722.5	1779.8	1837.0	1831.5	1823.4	1817.9	1809.7	1807.0	1801.6	1807.0
62.5°	1858.8	1907.9	1954.2	2000.5	1989.6	1978.7	1967.8	1956.9	1956.9	1956.9	1956.9
65°	2065.9	2104.1	2139.5	2175.0	2164.1	2155.9	2145.0	2134.1	2128.6	2123.2	2128.6
67.5°	2273.1	2300.3	2324.9	2352.1	2338.5	2324.9	2311.2	2297.6	2292.2	2284.0	2292.2
70°	2417.5	2444.8	2472.0	2499.3	2485.7	2472.0	2455.7	2442.1	2439.3	2436.6	2439.3
72.5°	2499.3	2532.0	2564.7	2597.4	2589.2	2578.3	2570.2	2559.3	2556.5	2551.1	2556.5
75°	2425.7	2453.0	2477.5	2502.0	2488.4	2474.8	2461.1	2447.5	2439.3	2428.4	2439.3
77.5°	2101.4	2104.1	2104.1	2104.1	2087.7	2071.4	2055.0	2038.7	2033.2	2025.1	2033.2
80°	1460.9	1403.6	1346.4	1289.2	1234.7	1180.1	1125.6	1071.1	1057.5	1041.1	1057.5
82.5°	460.6	411.6	365.2	316.2	294.4	269.8	248.0	223.5	215.3	204.4	215.3
85°	139.0	130.8	119.9	111.7	103.6	95.4	84.5	76.3	70.9	65.4	70.9
87.5°	13.6	13.6	10.9	8.2	8.2	8.2	8.2	8.2	8.2	5.5	8.2
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: P560771

CATALOG NUMBER: SDL-PA1-60-760-U-5WQ

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	670.5	670.5	670.5	670.5	670.5	670.5	670.5	670.5	670.5	670.5	670.5
2.5°	662.3	662.3	662.3	659.6	659.6	659.6	662.3	662.3	662.3	662.3	659.6
5°	648.7	648.7	645.9	645.9	643.2	637.8	632.3	624.1	618.7	607.8	594.2
7.5°	561.5	558.7	558.7	556.0	553.3	542.4	531.5	517.8	506.9	515.1	520.6
10°	487.9	474.2	460.6	444.3	430.6	427.9	425.2	419.7	417.0	422.5	425.2
12.5°	417.0	403.4	389.7	376.1	362.5	370.7	381.6	389.7	397.9	395.2	392.5
15°	466.1	447.0	427.9	406.1	387.0	376.1	365.2	354.3	343.4	343.4	343.4
17.5°	400.7	392.5	381.6	373.4	362.5	362.5	359.8	359.8	357.0	362.5	370.7
20°	474.2	452.4	433.4	411.6	389.7	376.1	362.5	348.9	335.2	343.4	351.6
22.5°	378.8	378.8	381.6	381.6	381.6	389.7	400.7	408.8	417.0	403.4	387.0
25°	526.0	512.4	496.0	482.4	466.1	444.3	419.7	397.9	373.4	387.0	400.7
27.5°	602.3	580.5	556.0	534.2	509.7	496.0	482.4	468.8	455.2	444.3	436.1
30°	722.3	705.9	689.6	673.2	656.8	624.1	588.7	556.0	520.6	506.9	496.0
32.5°	752.2	735.9	719.5	700.5	684.1	665.0	645.9	626.9	607.8	583.3	556.0
35°	784.9	768.6	755.0	738.6	722.3	700.5	681.4	659.6	637.8	618.7	596.9
37.5°	825.8	814.9	801.3	790.4	776.8	752.2	725.0	700.5	673.2	648.7	626.9
40°	880.3	869.4	861.3	850.4	839.5	812.2	784.9	757.7	730.4	700.5	670.5
42.5°	948.5	937.6	926.7	915.8	904.9	877.6	847.6	820.4	790.4	757.7	727.7
45°	1038.4	1024.8	1013.9	1000.3	986.6	953.9	921.2	888.5	855.8	823.1	790.4
47.5°	1139.3	1128.4	1117.5	1106.6	1095.7	1057.5	1016.6	978.5	937.6	904.9	872.2
50°	1248.3	1242.8	1237.4	1229.2	1223.8	1174.7	1122.9	1073.9	1022.1	989.4	956.7
52.5°	1368.2	1365.5	1362.8	1357.3	1354.6	1297.3	1242.8	1185.6	1128.4	1098.4	1065.7
55°	1507.2	1507.2	1507.2	1504.5	1504.5	1444.5	1381.8	1321.9	1259.2	1229.2	1199.2
57.5°	1657.1	1659.8	1662.6	1665.3	1668.0	1608.1	1550.8	1490.9	1430.9	1398.2	1368.2
60°	1809.7	1817.9	1823.4	1831.5	1837.0	1779.8	1722.5	1662.6	1605.3	1578.1	1548.1
62.5°	1956.9	1967.8	1978.7	1989.6	2000.5	1954.2	1907.9	1858.8	1812.5	1779.8	1749.8
65°	2134.1	2145.0	2155.9	2164.1	2175.0	2139.5	2104.1	2065.9	2030.5	1997.8	1965.1
67.5°	2297.6	2311.2	2324.9	2338.5	2352.1	2324.9	2300.3	2273.1	2245.8	2207.7	2172.2
70°	2442.1	2455.7	2472.0	2485.7	2499.3	2472.0	2444.8	2417.5	2390.3	2357.6	2324.9
72.5°	2559.3	2570.2	2578.3	2589.2	2597.4	2564.7	2532.0	2499.3	2466.6	2428.4	2393.0
75°	2447.5	2461.1	2474.8	2488.4	2502.0	2477.5	2453.0	2425.7	2401.2	2373.9	2346.7
77.5°	2038.7	2055.0	2071.4	2087.7	2104.1	2104.1	2104.1	2101.4	2101.4	2106.8	2109.5
80°	1071.1	1125.6	1180.1	1234.7	1289.2	1346.4	1403.6	1460.9	1518.1	1567.2	1616.2
82.5°	223.5	248.0	269.8	294.4	316.2	365.2	411.6	460.6	506.9	618.7	730.4
85°	76.3	84.5	95.4	103.6	111.7	119.9	130.8	139.0	147.2	185.3	223.5
87.5°	8.2	8.2	8.2	8.2	8.2	10.9	13.6	13.6	16.4	19.1	21.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	670.5	670.5	670.5	670.5	670.5	670.5	670.5	670.5	670.5	670.5	670.5
2.5°	659.6	656.8	656.8	654.1	654.1	651.4	648.7	645.9	643.2	640.5	637.8
5°	583.3	569.6	566.9	564.2	561.5	558.7	558.7	558.7	558.7	558.7	558.7
7.5°	528.7	534.2	536.9	539.7	539.7	542.4	542.4	545.1	545.1	545.1	542.4
10°	430.6	433.4	441.5	449.7	455.2	463.3	463.3	463.3	460.6	460.6	474.2
12.5°	389.7	387.0	392.5	397.9	403.4	408.8	427.9	447.0	463.3	482.4	493.3
15°	340.7	340.7	343.4	348.9	351.6	354.3	365.2	373.4	384.3	392.5	408.8
17.5°	376.1	381.6	367.9	354.3	338.0	324.3	351.6	378.8	406.1	433.4	447.0
20°	357.0	365.2	376.1	384.3	395.2	403.4	406.1	406.1	408.8	408.8	408.8
22.5°	373.4	357.0	370.7	387.0	400.7	414.3	408.8	403.4	397.9	392.5	417.0
25°	414.3	427.9	417.0	406.1	395.2	384.3	406.1	430.6	452.4	474.2	466.1
27.5°	425.2	414.3	427.9	441.5	455.2	468.8	460.6	455.2	447.0	438.8	455.2
30°	482.4	468.8	463.3	457.9	449.7	444.3	457.9	468.8	482.4	493.3	490.6
32.5°	531.5	504.2	504.2	504.2	501.5	501.5	501.5	504.2	504.2	504.2	523.3
35°	577.8	556.0	550.6	545.1	539.7	534.2	539.7	545.1	547.8	553.3	577.8
37.5°	602.3	577.8	577.8	577.8	577.8	577.8	580.5	586.0	588.7	591.4	618.7
40°	640.5	610.5	613.2	618.7	621.4	624.1	629.6	637.8	643.2	648.7	673.2
42.5°	695.0	662.3	665.0	670.5	673.2	675.9	686.8	695.0	705.9	714.1	741.3
45°	757.7	725.0	730.4	733.2	738.6	741.3	752.2	763.1	771.3	782.2	817.7
47.5°	836.7	804.0	812.2	817.7	825.8	831.3	839.5	844.9	853.1	858.5	896.7
50°	923.9	891.2	902.1	913.0	923.9	934.9	937.6	937.6	940.3	940.3	989.4
52.5°	1035.7	1003.0	1013.9	1027.5	1038.4	1049.3	1054.8	1060.2	1062.9	1068.4	1117.5
55°	1166.5	1136.5	1152.9	1169.2	1185.6	1202.0	1204.7	1207.4	1207.4	1210.1	1259.2
57.5°	1335.5	1302.8	1324.6	1349.1	1370.9	1392.7	1392.7	1390.0	1390.0	1387.3	1436.3
60°	1520.8	1490.9	1518.1	1548.1	1575.3	1602.6	1594.4	1586.2	1575.3	1567.2	1621.7
62.5°	1717.1	1684.4	1725.2	1766.1	1807.0	1847.9	1831.5	1817.9	1801.6	1785.2	1842.4
65°	1929.7	1897.0	1946.0	1995.1	2044.1	2093.2	2063.2	2033.2	2000.5	1970.5	2036.0
67.5°	2134.1	2095.9	2147.7	2196.8	2248.5	2297.6	2262.2	2226.7	2191.3	2155.9	2232.2
70°	2292.2	2259.4	2305.8	2352.1	2398.5	2444.8	2409.4	2373.9	2338.5	2303.1	2395.7
72.5°	2354.8	2316.7	2373.9	2433.9	2491.1	2548.4	2512.9	2477.5	2439.3	2403.9	2499.3
75°	2319.4	2292.2	2371.2	2447.5	2526.5	2602.9	2551.1	2499.3	2447.5	2395.7	2480.2
77.5°	2115.0	2117.7	2229.5	2338.5	2450.2	2559.3	2466.6	2373.9	2281.3	2188.6	2229.5
80°	1665.3	1714.3	1842.4	1970.5	2095.9	2224.0	2090.5	1959.6	1826.1	1692.5	1665.3
82.5°	839.5	951.2	1092.9	1237.4	1379.1	1520.8	1387.3	1256.5	1122.9	989.4	904.9
85°	261.6	299.8	357.0	414.3	471.5	528.7	460.6	392.5	324.3	256.2	228.9
87.5°	21.8	24.5	24.5	21.8	21.8	19.1	21.8	24.5	24.5	27.3	24.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	670.5	670.5	670.5	670.5	670.5	670.5	670.5	670.5	670.5	670.5	670.5
2.5°	635.0	629.6	626.9	618.7	610.5	602.3	594.2	594.2	596.9	596.9	596.9
5°	558.7	558.7	558.7	558.7	558.7	558.7	558.7	558.7	561.5	561.5	561.5
7.5°	539.7	536.9	534.2	531.5	531.5	528.7	526.0	517.8	506.9	498.8	487.9
10°	490.6	504.2	517.8	523.3	528.7	531.5	536.9	536.9	539.7	539.7	539.7
12.5°	506.9	517.8	528.7	526.0	523.3	520.6	517.8	506.9	493.3	482.4	468.8
15°	425.2	438.8	455.2	474.2	496.0	515.1	534.2	536.9	539.7	542.4	545.1
17.5°	463.3	477.0	490.6	496.0	504.2	509.7	515.1	504.2	490.6	479.7	466.1
20°	406.1	406.1	403.4	436.1	471.5	504.2	536.9	542.4	547.8	550.6	556.0
22.5°	438.8	463.3	485.1	482.4	479.7	477.0	474.2	474.2	474.2	471.5	471.5
25°	460.6	452.4	444.3	474.2	501.5	531.5	558.7	564.2	569.6	572.4	577.8
27.5°	474.2	490.6	506.9	501.5	496.0	487.9	482.4	485.1	490.6	493.3	496.0
30°	490.6	487.9	485.1	515.1	542.4	572.4	599.6	602.3	605.1	605.1	607.8
32.5°	539.7	558.7	575.1	588.7	605.1	618.7	632.3	656.8	684.1	708.6	733.2
35°	602.3	624.1	648.7	675.9	703.2	730.4	757.7	763.1	771.3	776.8	782.2
37.5°	643.2	670.5	695.0	725.0	755.0	782.2	812.2	817.7	820.4	825.8	828.6
40°	697.7	722.3	746.8	779.5	812.2	842.2	874.9	880.3	883.1	888.5	891.2
42.5°	765.9	793.1	817.7	850.4	880.3	913.0	943.0	945.8	951.2	953.9	956.7
45°	850.4	885.8	918.5	948.5	975.7	1005.7	1033.0	1035.7	1038.4	1038.4	1041.1
47.5°	934.9	970.3	1008.4	1038.4	1068.4	1095.7	1125.6	1131.1	1133.8	1139.3	1142.0
50°	1035.7	1084.8	1131.1	1158.3	1188.3	1215.6	1242.8	1245.6	1251.0	1253.7	1256.5
52.5°	1163.8	1212.9	1259.2	1286.4	1316.4	1343.7	1370.9	1373.7	1373.7	1376.4	1376.4
55°	1308.2	1357.3	1406.4	1433.6	1460.9	1488.1	1515.4	1515.4	1515.4	1512.7	1512.7
57.5°	1485.4	1531.7	1580.8	1608.1	1635.3	1662.6	1689.8	1689.8	1689.8	1689.8	1689.8
60°	1678.9	1733.4	1787.9	1812.5	1837.0	1861.5	1886.1	1880.6	1872.4	1867.0	1858.8
62.5°	1897.0	1954.2	2008.7	2027.8	2044.1	2063.2	2079.6	2071.4	2060.5	2052.3	2041.4
65°	2101.4	2166.8	2232.2	2245.8	2259.4	2270.4	2284.0	2270.4	2256.7	2240.4	2226.7
67.5°	2308.5	2382.1	2458.4	2463.9	2469.3	2474.8	2480.2	2466.6	2453.0	2436.6	2423.0
70°	2488.4	2581.1	2673.7	2676.5	2679.2	2681.9	2684.6	2671.0	2657.4	2641.0	2627.4
72.5°	2592.0	2687.4	2780.0	2788.2	2793.6	2801.8	2807.3	2793.6	2782.7	2769.1	2755.5
75°	2562.0	2646.5	2728.2	2720.1	2711.9	2701.0	2692.8	2671.0	2649.2	2624.7	2602.9
77.5°	2270.4	2308.5	2349.4	2305.8	2259.4	2215.8	2169.5	2147.7	2123.2	2101.4	2076.8
80°	1638.0	1608.1	1580.8	1499.0	1417.3	1332.8	1251.0	1196.5	1142.0	1087.5	1033.0
82.5°	823.1	738.6	654.1	580.5	506.9	430.6	357.0	329.8	299.8	272.6	242.6
85°	204.4	177.2	149.9	139.0	128.1	117.2	106.3	92.7	81.8	68.1	54.5
87.5°	24.5	21.8	19.1	16.4	16.4	13.6	10.9	10.9	10.9	8.2	8.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: SDL-PA1-60-760-U-5WQ

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	670.5	670.5
2.5°	596.9	594.2
5°	561.5	561.5
7.5°	485.1	479.7
10°	539.7	539.7
12.5°	471.5	474.2
15°	545.1	545.1
17.5°	466.1	463.3
20°	556.0	556.0
22.5°	471.5	471.5
25°	577.8	575.1
27.5°	496.0	496.0
30°	607.8	607.8
32.5°	735.9	738.6
35°	784.9	784.9
37.5°	831.3	831.3
40°	891.2	888.5
42.5°	959.4	959.4
45°	1043.9	1043.9
47.5°	1144.7	1147.4
50°	1256.5	1256.5
52.5°	1376.4	1373.7
55°	1512.7	1512.7
57.5°	1681.6	1670.7
60°	1856.1	1853.3
62.5°	2038.7	2033.2
65°	2224.0	2218.6
67.5°	2420.3	2414.8
70°	2627.4	2624.7
72.5°	2747.3	2739.1
75°	2597.4	2592.0
77.5°	2055.0	2030.5
80°	1019.3	1005.7
82.5°	242.6	242.6
85°	51.8	49.1
87.5°	8.2	8.2
90°	0.0	0.0



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