

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: P560778

Luminaire Tested: **SDL-PA1-60-760-U-T2R-HSS**

Issue Date: 7/26/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P560778  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2106-279-18)  
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-T2R-HSS  
Description: Springdale  
(1) 70 CRI, 5700K, 800mA LIGHT ENGINE WITH 24 LEDS AND TYPE II R OPTICS WITH HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6103.8 lumens  
Efficiency: N/A  
Efficacy: 97.8 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 1.21' x L: 1.21' x H: 0.96')  
IES Classification: Type II - Medium  
BUG Rating: B0 - U0 - G2

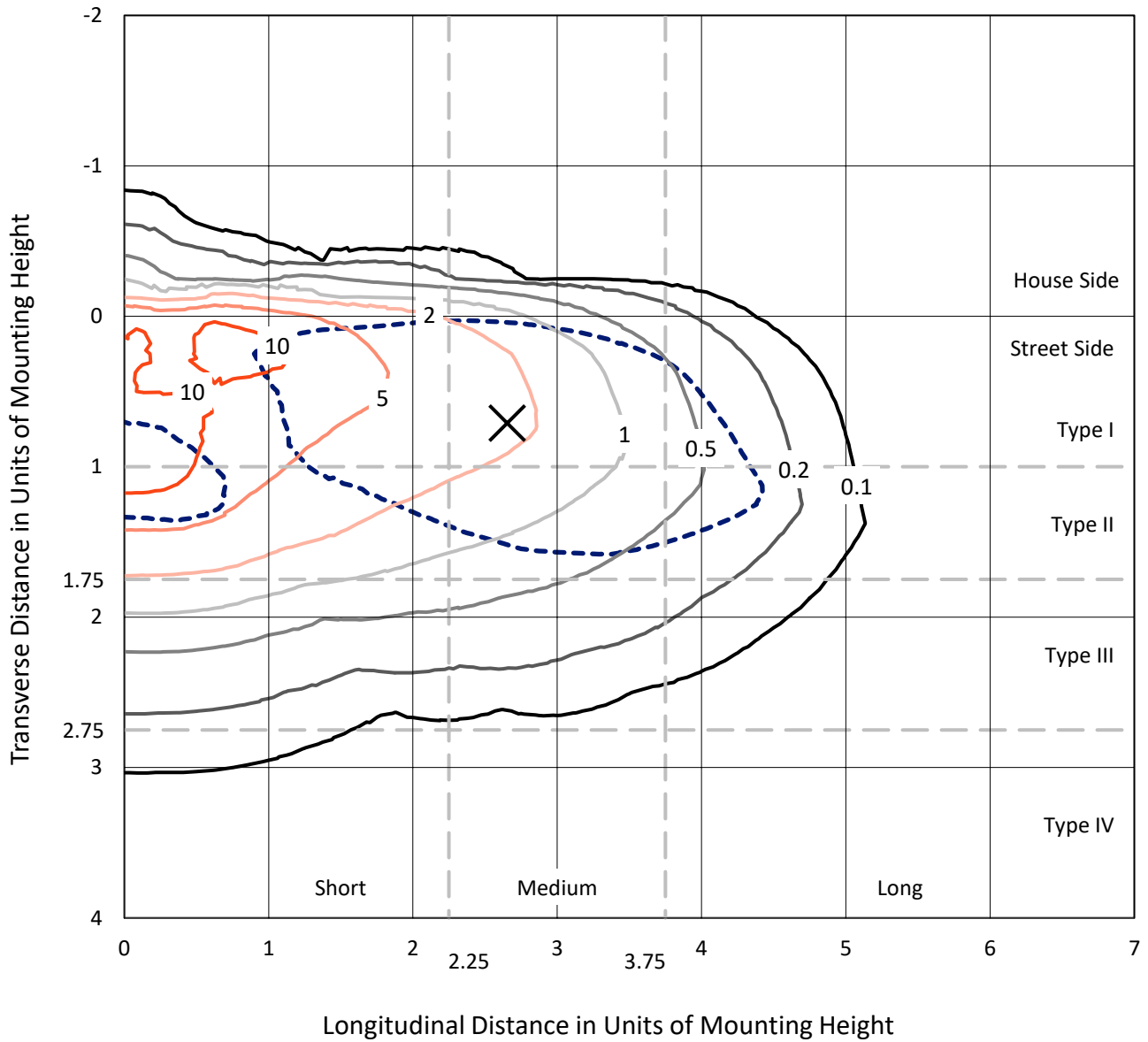
Input Watts (W): 62.4  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

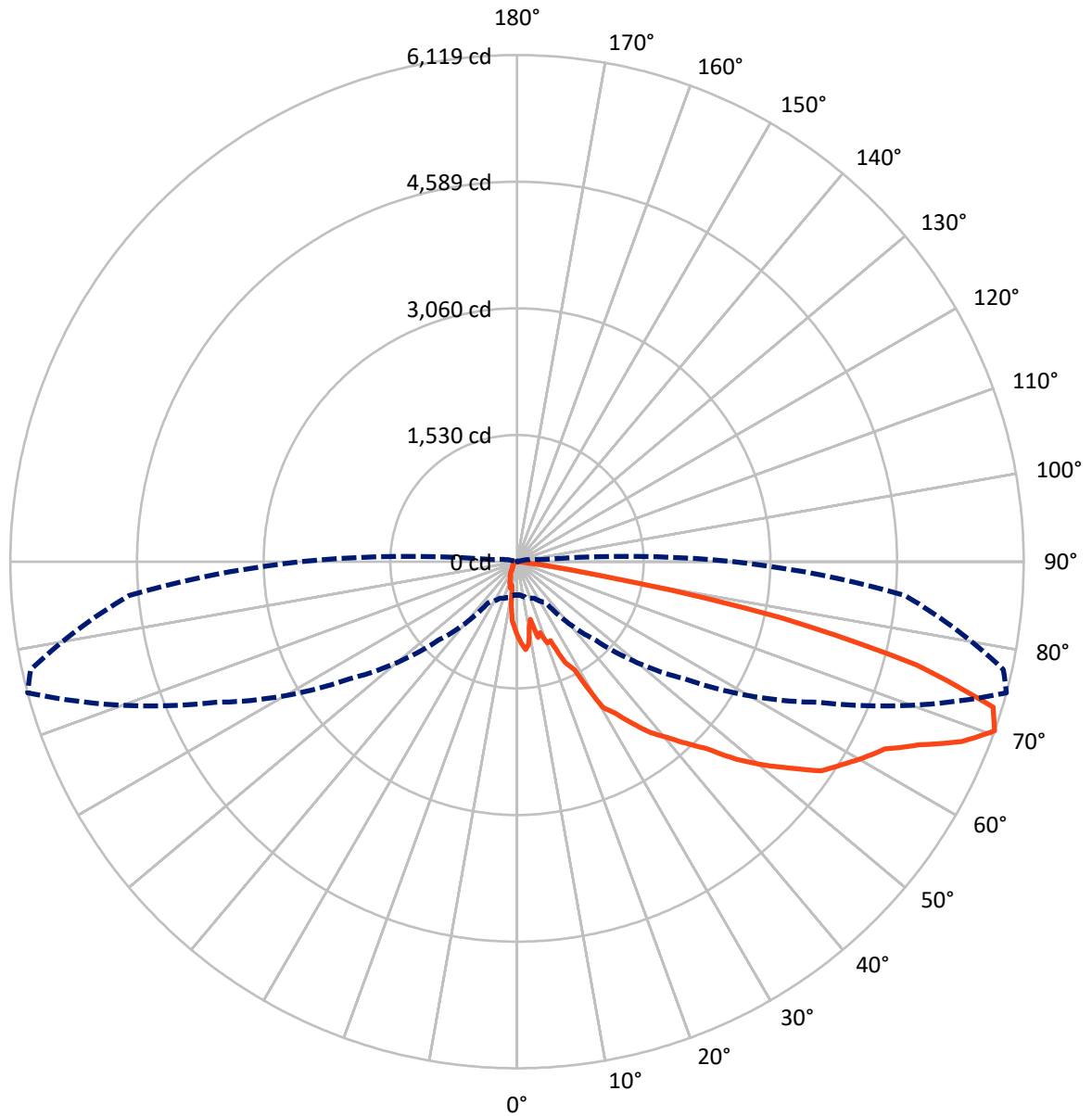
✕ Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 16.7 fc  
 Type II - Medium - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 75-Deg Lateral    - - - Horizontal Cone Through 70-Deg Vertical



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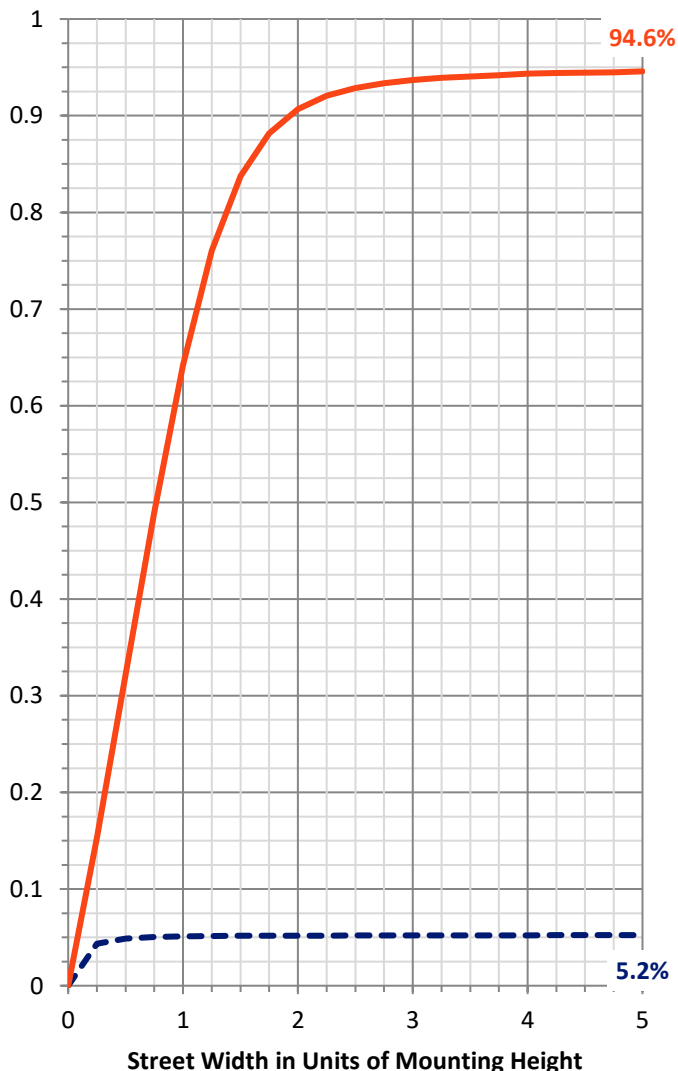
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	322.5	0.0	322.5
	% Fixture	5.3	0.0	5.3
<b>Street Side</b>	Lumens	5781.4	0.0	5781.4
	% Fixture	94.7	0.0	94.7
<b>Total</b>	Lumens	6103.8	0.0	6103.8
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	70.7	1.2
10°-20°	176.1	2.9
20°-30°	334.8	5.5
30°-40°	743.9	12.2
40°-50°	1199.4	19.7
50°-60°	1445.6	23.7
60°-70°	1310.2	21.5
70°-80°	780.8	12.8
80°-90°	42.1	0.7
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°	6103.8	100.0
0°-180°	6103.8	100.0

**Coefficient of Utilization**



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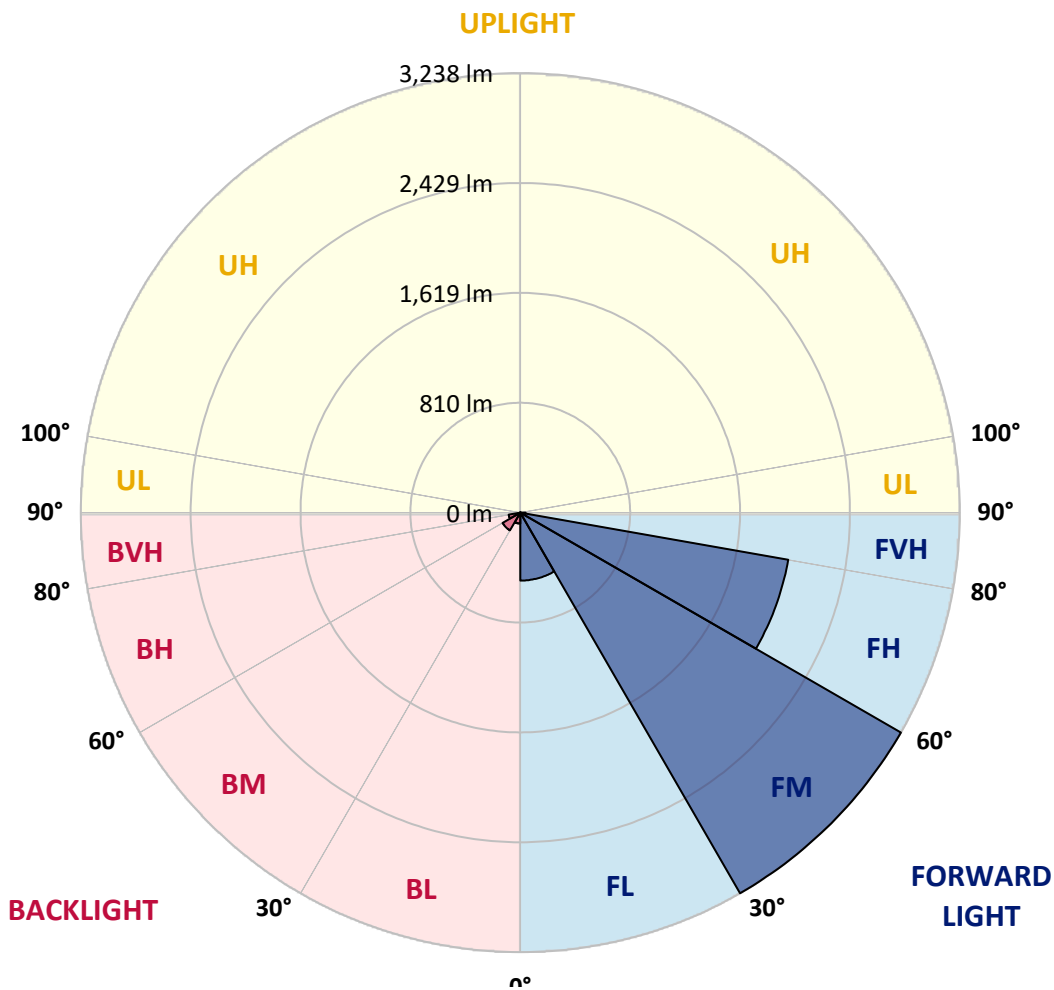
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	500.6	8.2			
FM (30°-60°)	3238.1	53.1			
FH (60°-80°)	2004.2	32.8			G2/5000
FVH (80°-90°)	38.5	0.6			G1/100
BL (0°-30°)	81.0	1.3	B0/110		
BM (30°-60°)	150.9	2.5	B0/220		
BH (60°-80°)	86.9	1.4	B0/110		G0/110
BVH (80°-90°)	3.6	0.1			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B0-U0-G2**

Type II Medium





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**CANDELA DISTRIBUTION (FULL):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	895.6	895.6	895.6	895.6	895.6	895.6	895.6	895.6	895.6	895.6	895.6
2.5°	993.9	1015.8	1037.6	1045.8	1056.7	1064.9	1073.1	1081.3	1089.5	1094.9	1103.1
5°	1130.4	1127.7	1125.0	1122.2	1122.2	1119.5	1116.8	1114.1	1111.3	1105.9	1103.1
7.5°	991.2	1062.2	1130.4	1133.2	1135.9	1135.9	1138.6	1155.0	1171.4	1185.1	1201.4
10°	1288.8	1288.8	1288.8	1288.8	1288.8	1286.1	1286.1	1288.8	1288.8	1291.5	1291.5
12.5°	1084.0	1100.4	1114.1	1163.2	1209.6	1258.8	1305.2	1316.1	1327.0	1335.2	1346.2
15°	1310.7	1316.1	1321.6	1324.3	1327.0	1327.0	1329.8	1288.8	1247.9	1206.9	1165.9
17.5°	1037.6	1043.1	1045.8	1081.3	1116.8	1152.3	1187.8	1206.9	1228.7	1247.9	1267.0
20°	1329.8	1332.5	1335.2	1338.0	1340.7	1340.7	1343.4	1256.0	1168.7	1081.3	993.9
22.5°	1111.3	1114.1	1114.1	1122.2	1127.7	1135.9	1141.4	1174.1	1206.9	1239.7	1272.4
25°	1526.4	1526.4	1523.6	1510.0	1499.1	1485.4	1471.8	1389.8	1307.9	1223.3	1141.4
27.5°	1419.9	1422.6	1422.6	1411.7	1400.8	1389.8	1378.9	1395.3	1414.4	1430.8	1447.2
30°	2047.9	2047.9	2047.9	2034.2	2017.9	2004.2	1987.8	1867.7	1747.5	1624.7	1504.5
32.5°	2752.4	2703.2	2651.3	2553.0	2454.7	2353.7	2255.4	2181.7	2108.0	2031.5	1957.8
35°	3066.4	3058.2	3050.0	3014.5	2979.0	2940.8	2905.3	2763.3	2621.3	2476.6	2334.6
37.5°	3331.2	3320.3	3306.7	3279.4	3252.1	3224.8	3197.5	3052.7	2905.3	2760.6	2613.1
40°	3544.2	3536.0	3527.8	3506.0	3484.2	3462.3	3440.5	3284.8	3129.2	2973.6	2817.9
42.5°	3697.1	3697.1	3694.4	3678.0	3658.9	3642.5	3623.4	3467.8	3312.1	3156.5	3000.9
45°	3811.8	3811.8	3811.8	3800.9	3787.2	3776.3	3762.7	3626.1	3492.4	3355.8	3219.3
47.5°	3828.2	3830.9	3833.7	3833.7	3833.7	3833.7	3833.7	3705.3	3579.7	3451.4	3323.1
50°	3678.0	3686.2	3694.4	3708.1	3724.4	3738.1	3751.8	3688.9	3623.4	3560.6	3495.1
52.5°	3276.6	3312.1	3344.9	3380.4	3415.9	3448.7	3484.2	3459.6	3435.0	3410.4	3385.9
55°	2493.0	2514.8	2533.9	2635.0	2736.0	2837.0	2938.1	2981.7	3022.7	3066.4	3107.3
57.5°	1935.9	1944.1	1949.6	2015.1	2080.7	2143.5	2209.0	2318.2	2427.4	2533.9	2643.2
60°	1556.4	1556.4	1556.4	1594.6	1630.1	1668.4	1703.9	1802.2	1900.5	1998.7	2097.0
62.5°	1157.7	1168.7	1179.6	1217.8	1253.3	1291.5	1327.0	1376.2	1425.3	1474.5	1523.6
65°	802.8	816.4	827.4	851.9	879.2	903.8	928.4	969.3	1013.0	1054.0	1094.9
67.5°	565.2	570.7	576.1	589.8	600.7	614.4	625.3	652.6	677.2	704.5	729.1
70°	401.4	404.1	404.1	415.0	426.0	436.9	447.8	458.7	469.7	477.8	488.8
72.5°	292.2	294.9	297.6	305.8	311.3	319.5	324.9	330.4	335.9	341.3	346.8
75°	150.2	155.6	158.4	180.2	202.1	223.9	245.7	248.5	251.2	251.2	253.9
77.5°	125.6	128.3	128.3	131.1	133.8	136.5	139.3	152.9	169.3	182.9	196.6
80°	90.1	90.1	87.4	92.8	98.3	103.8	109.2	114.7	120.1	122.9	128.3
82.5°	51.9	54.6	54.6	57.3	60.1	62.8	65.5	71.0	79.2	84.6	90.1
85°	5.5	8.2	10.9	16.4	21.8	27.3	32.8	41.0	46.4	54.6	60.1
87.5°	2.7	2.7	2.7	2.7	5.5	5.5	5.5	8.2	8.2	10.9	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



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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°	895.6	895.6	895.6	895.6	895.6	895.6	895.6	895.6	895.6	895.6	895.6
2.5°	1108.6	1114.1	1116.8	1122.2	1119.5	1114.1	1111.3	1105.9	1097.7	1089.5	1078.6
5°	1097.7	1092.2	1086.8	1081.3	1073.1	1067.6	1059.4	1051.3	1040.3	1032.1	1021.2
7.5°	1201.4	1198.7	1198.7	1196.0	1187.8	1182.3	1174.1	1165.9	1152.3	1138.6	1125.0
10°	1231.5	1171.4	1108.6	1048.5	1062.2	1075.8	1089.5	1103.1	1062.2	1021.2	977.5
12.5°	1318.8	1291.5	1264.2	1236.9	1193.2	1146.8	1103.1	1056.7	1034.9	1010.3	988.5
15°	1135.9	1108.6	1078.6	1048.5	1067.6	1086.8	1105.9	1125.0	1062.2	996.6	933.8
17.5°	1242.4	1215.1	1190.5	1163.2	1086.8	1010.3	931.1	854.7	920.2	983.0	1048.5
20°	1015.8	1037.6	1056.7	1078.6	1105.9	1133.2	1157.7	1185.1	1152.3	1119.5	1086.8
22.5°	1228.7	1187.8	1144.1	1100.4	1119.5	1138.6	1155.0	1174.1	1135.9	1097.7	1056.7
25°	1185.1	1231.5	1275.2	1318.8	1250.6	1185.1	1116.8	1048.5	1108.6	1168.7	1228.7
27.5°	1384.4	1321.6	1256.0	1193.2	1250.6	1307.9	1362.5	1419.9	1368.0	1313.4	1261.5
30°	1496.3	1488.1	1477.2	1469.0	1439.0	1411.7	1381.6	1351.6	1368.0	1384.4	1400.8
32.5°	1865.0	1774.8	1682.0	1589.2	1611.0	1632.9	1652.0	1673.8	1649.2	1624.7	1597.4
35°	2214.5	2094.3	1971.4	1851.3	1848.6	1843.1	1840.4	1834.9	1824.0	1813.1	1802.2
37.5°	2476.6	2340.1	2203.5	2067.0	2069.7	2069.7	2072.5	2072.5	2034.2	1996.0	1957.8
40°	2692.3	2566.7	2441.1	2315.5	2304.6	2293.6	2282.7	2271.8	2219.9	2165.3	2113.4
42.5°	2875.3	2752.4	2626.8	2501.2	2482.1	2465.7	2446.6	2427.4	2383.8	2337.3	2293.6
45°	3074.6	2929.9	2785.1	2640.4	2624.0	2607.7	2591.3	2574.9	2539.4	2503.9	2468.4
47.5°	3178.3	3033.6	2886.2	2741.5	2730.5	2716.9	2706.0	2692.3	2673.2	2651.3	2632.2
50°	3325.8	3159.2	2989.9	2820.6	2815.2	2809.7	2801.5	2796.1	2790.6	2787.9	2782.4
52.5°	3257.5	3126.5	2998.1	2867.1	2869.8	2869.8	2872.5	2872.5	2886.2	2899.8	2913.5
55°	3039.1	2973.6	2905.3	2837.0	2850.7	2867.1	2880.7	2894.4	2929.9	2962.6	2998.1
57.5°	2654.1	2665.0	2675.9	2686.8	2736.0	2782.4	2831.6	2878.0	2929.9	2979.0	3030.9
60°	2157.1	2217.2	2274.5	2334.6	2449.3	2564.0	2678.7	2793.3	2872.5	2949.0	3028.2
62.5°	1608.3	1692.9	1777.6	1862.2	2039.7	2219.9	2397.4	2574.9	2695.0	2812.4	2932.6
65°	1174.1	1253.3	1329.8	1409.0	1621.9	1834.9	2047.9	2260.9	2432.9	2602.2	2774.2
67.5°	786.4	843.7	898.3	955.7	1171.4	1387.1	1602.8	1818.5	2056.1	2293.6	2528.5
70°	518.8	546.1	576.1	603.4	789.1	972.1	1157.7	1340.7	1621.9	1900.5	2181.7
72.5°	355.0	363.2	371.4	379.5	505.1	630.8	756.4	882.0	1165.9	1449.9	1731.2
75°	253.9	251.2	251.2	248.5	322.2	395.9	466.9	540.6	761.8	980.3	1201.4
77.5°	193.9	188.4	185.7	180.2	215.7	251.2	286.7	322.2	426.0	532.5	636.2
80°	122.9	117.4	109.2	103.8	117.4	131.1	144.7	158.4	174.8	191.1	207.5
82.5°	90.1	90.1	90.1	90.1	90.1	92.8	92.8	92.8	87.4	81.9	73.7
85°	57.3	54.6	51.9	49.1	43.7	38.2	32.8	27.3	30.0	32.8	32.8
87.5°	10.9	8.2	8.2	5.5	5.5	5.5	5.5	5.5	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





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**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	895.6	895.6	895.6	895.6	895.6	895.6	895.6	895.6	895.6	895.6	895.6
2.5°	1070.4	1059.4	1048.5	1037.6	1026.7	1015.8	1004.8	993.9	983.0	966.6	953.0
5°	1010.3	1040.3	1073.1	1103.1	1133.2	1116.8	1100.4	1084.0	1067.6	1040.3	1013.0
7.5°	1111.3	1075.8	1043.1	1010.3	974.8	983.0	991.2	999.4	1007.6	983.0	950.2
10°	936.6	917.5	898.3	879.2	860.1	849.2	835.5	824.6	811.0	879.2	851.9
12.5°	963.9	955.7	947.5	936.6	928.4	873.8	821.9	767.3	712.7	690.8	699.0
15°	868.3	860.1	851.9	843.7	835.5	862.8	892.9	920.2	947.5	942.0	936.6
17.5°	1111.3	1075.8	1043.1	1007.6	972.1	955.7	936.6	920.2	901.1	871.0	862.8
20°	1054.0	1015.8	977.5	939.3	901.1	939.3	974.8	1013.0	1048.5	1111.3	1092.2
22.5°	1018.5	1081.3	1146.8	1209.6	1272.4	1212.4	1155.0	1094.9	1034.9	1054.0	961.1
25°	1288.8	1242.4	1198.7	1152.3	1105.9	1165.9	1226.0	1286.1	1346.2	1318.8	1275.2
27.5°	1206.9	1253.3	1297.0	1343.4	1387.1	1409.0	1433.5	1455.4	1477.2	1422.6	1433.5
30°	1417.1	1474.5	1529.1	1586.4	1641.1	1742.1	1840.4	1941.4	2039.7	2017.9	1930.5
32.5°	1572.8	1668.4	1763.9	1856.8	1952.3	2009.7	2069.7	2127.1	2184.4	2189.9	2080.7
35°	1791.2	1856.8	1922.3	1987.8	2053.4	2140.7	2225.4	2312.8	2397.4	2348.3	2225.4
37.5°	1919.6	1987.8	2058.8	2127.1	2195.3	2301.8	2408.3	2512.1	2618.6	2512.1	2378.3
40°	2058.8	2132.5	2209.0	2282.7	2356.4	2465.7	2572.2	2681.4	2787.9	2782.4	2599.5
42.5°	2247.2	2321.0	2397.4	2471.1	2544.9	2659.5	2774.2	2886.2	3000.9	2998.1	2790.6
45°	2432.9	2501.2	2566.7	2635.0	2700.5	2831.6	2962.6	3093.7	3224.8	3238.4	3003.6
47.5°	2610.4	2670.5	2730.5	2790.6	2850.7	3030.9	3208.4	3388.6	3566.1	3481.4	3227.5
50°	2777.0	2837.0	2897.1	2957.2	3017.2	3227.5	3440.5	3650.7	3861.0	3749.0	3476.0
52.5°	2927.1	3000.9	3077.3	3151.0	3224.8	3454.1	3683.5	3912.9	4142.2	4027.5	3746.3
55°	3030.9	3134.7	3235.7	3339.4	3440.5	3694.4	3951.1	4205.0	4459.0	4327.9	4003.0
57.5°	3080.0	3202.9	3328.5	3451.4	3574.3	3836.4	4101.3	4363.4	4625.5	4494.5	4161.3
60°	3104.6	3246.6	3388.6	3527.8	3669.8	3953.8	4240.5	4524.5	4808.5	4696.5	4357.9
62.5°	3050.0	3230.2	3413.2	3593.4	3773.6	4076.7	4379.8	4680.1	4983.2	4909.5	4587.3
65°	2943.5	3181.1	3421.4	3658.9	3896.5	4256.9	4617.3	4975.0	5335.5	5256.3	4934.1
67.5°	2766.0	3077.3	3388.6	3699.9	4011.2	4459.0	4904.0	5351.8	5796.9	5717.7	5349.1
70°	2460.2	2850.7	3241.1	3628.9	4019.3	4543.6	5070.6	5594.9	6119.1	6015.4	5578.5
72.5°	2015.1	2454.7	2894.4	3331.2	3770.9	4330.6	4893.1	5452.9	6012.6	5816.0	5319.1
75°	1419.9	1821.3	2222.7	2621.3	3022.7	3514.2	4005.7	4494.5	4986.0	4734.7	4248.7
77.5°	740.0	988.5	1234.2	1482.7	1728.4	2113.4	2495.7	2880.7	3263.0	2812.4	2446.6
80°	223.9	327.7	428.7	532.5	633.5	723.6	813.7	901.1	991.2	737.2	611.6
82.5°	68.3	90.1	109.2	131.1	150.2	150.2	150.2	147.4	147.4	117.4	98.3
85°	35.5	38.2	38.2	41.0	41.0	41.0	38.2	38.2	35.5	35.5	30.0
87.5°	10.9	10.9	13.7	13.7	13.7	13.7	13.7	10.9	10.9	10.9	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: P560778

CATALOG NUMBER: SDL-PA1-60-760-U-T2R-HSS

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	895.6	895.6	895.6	895.6	895.6	895.6	895.6	895.6	895.6	895.6	895.6
2.5°	942.0	928.4	914.7	898.3	882.0	865.6	849.2	832.8	816.4	800.0	786.4
5°	988.5	961.1	933.8	903.8	871.0	838.3	808.2	778.2	745.4	715.4	688.1
7.5°	917.5	884.7	843.7	802.8	761.8	720.9	677.2	636.2	592.5	548.8	513.3
10°	821.9	794.6	750.9	704.5	655.3	603.4	546.1	488.8	431.4	374.1	349.5
12.5°	704.5	712.7	666.2	619.8	568.0	516.1	461.5	406.8	349.5	294.9	278.5
15°	931.1	925.7	865.6	805.5	726.3	647.1	568.0	486.0	406.8	324.9	284.0
17.5°	851.9	843.7	778.2	712.7	641.7	570.7	497.0	420.5	346.8	270.3	232.1
20°	1075.8	1056.7	974.8	890.2	786.4	679.9	576.1	472.4	368.6	264.9	221.2
22.5°	868.3	775.5	709.9	644.4	562.5	477.8	409.6	338.6	270.3	199.3	172.0
25°	1228.7	1185.1	1073.1	958.4	813.7	669.0	551.6	434.2	316.7	199.3	166.6
27.5°	1444.5	1455.4	1302.5	1149.6	966.6	783.7	630.8	477.8	324.9	172.0	147.4
30°	1843.1	1755.7	1575.5	1392.6	1135.9	876.5	696.3	516.1	335.9	155.6	133.8
32.5°	1974.2	1865.0	1660.2	1452.6	1152.3	849.2	669.0	488.8	305.8	125.6	112.0
35°	2105.2	1982.4	1747.5	1512.7	1168.7	821.9	641.7	464.2	284.0	103.8	95.6
37.5°	2244.5	2110.7	1848.6	1583.7	1185.1	786.4	614.4	439.6	267.6	92.8	84.6
40°	2419.3	2236.3	1946.9	1654.7	1201.4	748.2	581.6	417.8	251.2	84.6	76.5
42.5°	2585.8	2378.3	2056.1	1731.2	1220.5	709.9	551.6	395.9	237.6	79.2	71.0
45°	2771.5	2536.7	2187.2	1834.9	1247.9	660.8	513.3	365.9	218.4	71.0	62.8
47.5°	2973.6	2719.6	2329.1	1938.7	1275.2	611.6	475.1	341.3	204.8	68.3	60.1
50°	3202.9	2929.9	2501.2	2069.7	1329.8	587.1	456.0	324.9	193.9	62.8	54.6
52.5°	3467.8	3186.5	2706.0	2222.7	1395.3	565.2	439.6	311.3	185.7	57.3	49.1
55°	3680.8	3355.8	2823.4	2288.2	1409.0	527.0	409.6	289.4	172.0	51.9	46.4
57.5°	3830.9	3497.8	2935.3	2372.8	1433.5	491.5	379.5	270.3	158.4	46.4	41.0
60°	4016.6	3678.0	3074.6	2468.4	1463.6	458.7	355.0	251.2	144.7	41.0	35.5
62.5°	4265.1	3942.9	3273.9	2602.2	1512.7	420.5	324.9	229.4	131.1	35.5	32.8
65°	4609.1	4286.9	3508.7	2730.5	1559.1	385.0	297.6	210.3	120.1	32.8	30.0
67.5°	4977.8	4609.1	3694.4	2777.0	1559.1	341.3	264.9	185.7	109.2	30.0	27.3
70°	5141.6	4704.7	3664.4	2621.3	1447.2	273.1	213.0	150.2	90.1	27.3	24.6
72.5°	4824.9	4327.9	3257.5	2187.2	1179.6	172.0	133.8	98.3	60.1	21.8	19.1
75°	3759.9	3273.9	2430.2	1583.7	835.5	84.6	68.3	51.9	32.8	16.4	13.7
77.5°	2083.4	1717.5	1247.9	778.2	415.0	49.1	41.0	32.8	21.8	13.7	13.7
80°	488.8	363.2	264.9	163.8	98.3	30.0	24.6	21.8	16.4	10.9	10.9
82.5°	79.2	60.1	43.7	27.3	21.8	16.4	13.7	13.7	10.9	8.2	8.2
85°	24.6	19.1	16.4	10.9	10.9	8.2	8.2	8.2	5.5	5.5	5.5
87.5°	8.2	8.2	8.2	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
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: P560778  
 CATALOG NUMBER: SDL-PA1-60-760-U-T2R-HSS

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	895.6	895.6	895.6	895.6	895.6	895.6	895.6	895.6	895.6	895.6	895.6
2.5°	770.0	756.4	740.0	729.1	718.1	704.5	693.6	682.6	671.7	660.8	649.9
5°	660.8	630.8	603.4	568.0	529.7	494.2	456.0	439.6	426.0	409.6	393.2
7.5°	477.8	442.3	406.8	393.2	379.5	363.2	349.5	335.9	322.2	308.6	294.9
10°	327.7	303.1	278.5	267.6	256.7	243.0	232.1	221.2	210.3	196.6	185.7
12.5°	262.1	243.0	226.6	207.5	188.4	169.3	150.2	144.7	139.3	131.1	125.6
15°	240.3	199.3	155.6	142.0	131.1	117.4	103.8	101.0	101.0	98.3	95.6
17.5°	193.9	155.6	117.4	112.0	103.8	98.3	90.1	84.6	79.2	73.7	68.3
20°	177.5	133.8	90.1	87.4	84.6	79.2	76.5	73.7	73.7	71.0	68.3
22.5°	147.4	120.1	92.8	84.6	76.5	68.3	60.1	60.1	62.8	62.8	62.8
25°	133.8	101.0	68.3	68.3	65.5	65.5	62.8	60.1	54.6	51.9	46.4
27.5°	122.9	98.3	73.7	68.3	62.8	57.3	51.9	51.9	49.1	49.1	46.4
30°	114.7	92.8	71.0	65.5	62.8	57.3	51.9	49.1	46.4	41.0	38.2
32.5°	101.0	87.4	73.7	68.3	60.1	54.6	46.4	43.7	41.0	35.5	32.8
35°	87.4	76.5	68.3	62.8	54.6	49.1	41.0	38.2	35.5	32.8	30.0
37.5°	76.5	68.3	60.1	54.6	49.1	41.0	35.5	32.8	30.0	27.3	24.6
40°	68.3	60.1	51.9	46.4	41.0	35.5	30.0	27.3	27.3	24.6	21.8
42.5°	62.8	54.6	46.4	41.0	38.2	32.8	27.3	24.6	21.8	19.1	16.4
45°	57.3	49.1	41.0	38.2	32.8	30.0	24.6	21.8	19.1	16.4	13.7
47.5°	51.9	43.7	35.5	32.8	30.0	24.6	21.8	19.1	16.4	13.7	10.9
50°	49.1	41.0	32.8	30.0	27.3	21.8	19.1	16.4	16.4	13.7	10.9
52.5°	43.7	35.5	27.3	24.6	21.8	19.1	16.4	13.7	13.7	10.9	8.2
55°	38.2	32.8	24.6	21.8	19.1	16.4	13.7	10.9	10.9	8.2	5.5
57.5°	35.5	27.3	21.8	19.1	16.4	13.7	10.9	10.9	8.2	8.2	5.5
60°	30.0	24.6	19.1	16.4	13.7	10.9	8.2	8.2	5.5	5.5	2.7
62.5°	27.3	24.6	19.1	16.4	13.7	10.9	8.2	8.2	5.5	5.5	2.7
65°	24.6	21.8	16.4	13.7	13.7	10.9	8.2	8.2	5.5	5.5	2.7
67.5°	24.6	19.1	16.4	13.7	10.9	8.2	5.5	5.5	5.5	2.7	2.7
70°	19.1	16.4	10.9	10.9	8.2	8.2	5.5	5.5	5.5	2.7	2.7
72.5°	16.4	13.7	10.9	10.9	8.2	8.2	5.5	5.5	5.5	2.7	2.7
75°	13.7	10.9	8.2	8.2	8.2	5.5	5.5	5.5	5.5	2.7	2.7
77.5°	10.9	10.9	8.2	8.2	8.2	5.5	5.5	5.5	5.5	2.7	2.7
80°	8.2	8.2	5.5	5.5	5.5	5.5	5.5	5.5	5.5	2.7	2.7
82.5°	8.2	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	2.7	2.7
85°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	2.7	2.7
87.5°	5.5	5.5	5.5	5.5	8.2	8.2	8.2	8.2	5.5	5.5	2.7
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: P560778

CATALOG NUMBER: SDL-PA1-60-760-U-T2R-HSS

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	895.6	895.6	895.6	895.6	895.6	895.6	895.6	895.6	895.6	895.6	895.6
2.5°	638.9	625.3	614.4	600.7	581.6	559.8	540.6	518.8	516.1	513.3	507.9
5°	385.0	376.8	368.6	360.4	355.0	349.5	344.0	338.6	333.1	330.4	324.9
7.5°	284.0	273.1	262.1	251.2	243.0	237.6	229.4	221.2	215.7	207.5	202.1
10°	174.8	161.1	150.2	136.5	142.0	147.4	150.2	155.6	155.6	152.9	152.9
12.5°	125.6	125.6	125.6	125.6	125.6	125.6	122.9	122.9	122.9	120.1	120.1
15°	92.8	90.1	87.4	84.6	84.6	84.6	81.9	81.9	87.4	90.1	95.6
17.5°	71.0	73.7	73.7	76.5	79.2	81.9	81.9	84.6	84.6	87.4	87.4
20°	68.3	68.3	65.5	65.5	62.8	62.8	60.1	57.3	60.1	65.5	68.3
22.5°	60.1	54.6	51.9	46.4	49.1	54.6	57.3	60.1	60.1	60.1	60.1
25°	49.1	49.1	51.9	51.9	49.1	46.4	43.7	41.0	43.7	46.4	46.4
27.5°	43.7	41.0	38.2	35.5	38.2	38.2	41.0	41.0	41.0	41.0	38.2
30°	38.2	38.2	35.5	35.5	35.5	32.8	32.8	30.0	32.8	32.8	35.5
32.5°	32.8	30.0	30.0	27.3	27.3	30.0	30.0	30.0	30.0	30.0	30.0
35°	30.0	27.3	27.3	24.6	24.6	24.6	24.6	24.6	27.3	27.3	30.0
37.5°	24.6	21.8	21.8	19.1	19.1	21.8	21.8	21.8	21.8	24.6	24.6
40°	21.8	19.1	19.1	16.4	16.4	19.1	19.1	19.1	19.1	21.8	21.8
42.5°	16.4	16.4	13.7	13.7	13.7	16.4	16.4	16.4	16.4	19.1	19.1
45°	13.7	13.7	10.9	10.9	10.9	13.7	13.7	13.7	13.7	13.7	13.7
47.5°	10.9	10.9	8.2	8.2	8.2	10.9	10.9	10.9	10.9	10.9	10.9
50°	10.9	8.2	8.2	5.5	5.5	8.2	8.2	8.2	8.2	8.2	8.2
52.5°	8.2	8.2	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
55°	5.5	5.5	2.7	2.7	2.7	5.5	5.5	5.5	5.5	5.5	2.7
57.5°	5.5	5.5	2.7	2.7	2.7	5.5	5.5	5.5	5.5	5.5	2.7
60°	2.7	2.7	2.7	2.7	2.7	5.5	5.5	5.5	5.5	5.5	2.7
62.5°	2.7	2.7	2.7	2.7	2.7	5.5	5.5	5.5	5.5	5.5	5.5
65°	2.7	2.7	2.7	2.7	5.5	5.5	8.2	8.2	8.2	8.2	5.5
67.5°	2.7	2.7	2.7	2.7	5.5	5.5	8.2	8.2	8.2	5.5	5.5
70°	2.7	5.5	5.5	5.5	5.5	8.2	8.2	8.2	8.2	8.2	5.5
72.5°	2.7	5.5	5.5	5.5	5.5	8.2	8.2	8.2	8.2	8.2	5.5
75°	5.5	5.5	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	5.5
77.5°	5.5	5.5	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	5.5
80°	5.5	5.5	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	5.5
82.5°	5.5	5.5	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	5.5
85°	5.5	8.2	8.2	10.9	10.9	10.9	8.2	8.2	8.2	8.2	5.5
87.5°	5.5	8.2	8.2	10.9	10.9	10.9	8.2	8.2	8.2	8.2	5.5
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: P560778  
 CATALOG NUMBER: SDL-PA1-60-760-U-T2R-HSS

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	895.6	895.6	895.6	895.6	895.6	895.6	895.6	895.6	895.6	895.6	895.6
2.5°	505.1	499.7	494.2	486.0	480.6	486.0	491.5	486.0	480.6	486.0	494.2
5°	319.5	316.7	316.7	314.0	311.3	311.3	308.6	311.3	311.3	314.0	316.7
7.5°	193.9	191.1	188.4	182.9	180.2	185.7	188.4	185.7	180.2	182.9	188.4
10°	150.2	150.2	147.4	147.4	144.7	144.7	144.7	144.7	144.7	147.4	147.4
12.5°	117.4	114.7	112.0	109.2	106.5	112.0	114.7	112.0	106.5	109.2	112.0
15°	98.3	98.3	101.0	101.0	101.0	101.0	101.0	101.0	101.0	101.0	101.0
17.5°	87.4	84.6	84.6	81.9	79.2	79.2	76.5	79.2	79.2	81.9	84.6
20°	71.0	71.0	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
22.5°	60.1	57.3	57.3	54.6	51.9	51.9	49.1	51.9	51.9	54.6	57.3
25°	49.1	49.1	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
27.5°	38.2	38.2	38.2	35.5	35.5	35.5	35.5	35.5	35.5	35.5	38.2
30°	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
32.5°	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
35°	30.0	30.0	30.0	27.3	27.3	27.3	27.3	27.3	27.3	27.3	30.0
37.5°	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6
40°	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8
42.5°	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1
45°	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7
47.5°	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9
50°	8.2	8.2	8.2	5.5	5.5	5.5	5.5	5.5	5.5	5.5	8.2
52.5°	5.5	5.5	5.5	2.7	2.7	2.7	2.7	2.7	2.7	2.7	5.5
55°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
57.5°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
60°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
62.5°	5.5	5.5	5.5	2.7	2.7	2.7	2.7	2.7	2.7	2.7	5.5
65°	5.5	5.5	2.7	2.7	0.0	0.0	0.0	0.0	0.0	2.7	2.7
67.5°	2.7	2.7	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7
70°	5.5	5.5	2.7	2.7	0.0	0.0	0.0	0.0	0.0	2.7	2.7
72.5°	5.5	5.5	2.7	2.7	0.0	0.0	0.0	0.0	0.0	2.7	2.7
75°	5.5	5.5	2.7	2.7	0.0	0.0	0.0	0.0	0.0	2.7	2.7
77.5°	5.5	5.5	5.5	2.7	2.7	2.7	0.0	2.7	2.7	2.7	5.5
80°	5.5	5.5	5.5	2.7	2.7	2.7	0.0	2.7	2.7	2.7	5.5
82.5°	5.5	5.5	5.5	2.7	2.7	2.7	0.0	2.7	2.7	2.7	5.5
85°	5.5	5.5	5.5	2.7	2.7	2.7	0.0	2.7	2.7	2.7	5.5
87.5°	5.5	5.5	5.5	2.7	2.7	2.7	0.0	2.7	2.7	2.7	5.5
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: P560778  
 CATALOG NUMBER: SDL-PA1-60-760-U-T2R-HSS

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	895.6	895.6	895.6	895.6	895.6	895.6	895.6	895.6	895.6	895.6	895.6
2.5°	499.7	505.1	507.9	513.3	516.1	518.8	540.6	559.8	581.6	600.7	614.4
5°	316.7	319.5	324.9	330.4	333.1	338.6	344.0	349.5	355.0	360.4	368.6
7.5°	191.1	193.9	202.1	207.5	215.7	221.2	229.4	237.6	243.0	251.2	262.1
10°	150.2	150.2	152.9	152.9	155.6	155.6	150.2	147.4	142.0	136.5	150.2
12.5°	114.7	117.4	120.1	120.1	122.9	122.9	122.9	125.6	125.6	125.6	125.6
15°	98.3	98.3	95.6	90.1	87.4	81.9	81.9	84.6	84.6	84.6	87.4
17.5°	84.6	87.4	87.4	87.4	84.6	84.6	81.9	81.9	79.2	76.5	73.7
20°	71.0	71.0	68.3	65.5	60.1	57.3	60.1	62.8	62.8	65.5	65.5
22.5°	57.3	60.1	60.1	60.1	60.1	60.1	57.3	54.6	49.1	46.4	51.9
25°	49.1	49.1	46.4	46.4	43.7	41.0	43.7	46.4	49.1	51.9	51.9
27.5°	38.2	38.2	38.2	41.0	41.0	41.0	41.0	38.2	38.2	35.5	38.2
30°	35.5	35.5	35.5	32.8	32.8	30.0	32.8	32.8	35.5	35.5	35.5
32.5°	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	27.3	27.3	30.0
35°	30.0	30.0	30.0	27.3	27.3	24.6	24.6	24.6	24.6	24.6	27.3
37.5°	24.6	24.6	24.6	24.6	21.8	21.8	21.8	21.8	19.1	19.1	21.8
40°	21.8	21.8	21.8	21.8	19.1	19.1	19.1	19.1	16.4	16.4	19.1
42.5°	19.1	19.1	19.1	19.1	16.4	16.4	16.4	16.4	13.7	13.7	13.7
45°	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	10.9	10.9	10.9
47.5°	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	8.2	8.2	8.2
50°	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	5.5	5.5	8.2
52.5°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
55°	2.7	2.7	2.7	5.5	5.5	5.5	5.5	5.5	2.7	2.7	2.7
57.5°	2.7	2.7	2.7	5.5	5.5	5.5	5.5	5.5	2.7	2.7	2.7
60°	2.7	2.7	2.7	5.5	5.5	5.5	5.5	5.5	2.7	2.7	2.7
62.5°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	2.7	2.7	2.7
65°	5.5	5.5	5.5	8.2	8.2	8.2	8.2	5.5	5.5	2.7	2.7
67.5°	2.7	2.7	5.5	5.5	8.2	8.2	8.2	5.5	5.5	2.7	2.7
70°	5.5	5.5	5.5	8.2	8.2	8.2	8.2	8.2	5.5	5.5	5.5
72.5°	5.5	5.5	5.5	8.2	8.2	8.2	8.2	8.2	5.5	5.5	5.5
75°	5.5	5.5	5.5	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2
77.5°	5.5	5.5	5.5	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2
80°	5.5	5.5	5.5	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2
82.5°	5.5	5.5	5.5	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2
85°	5.5	5.5	5.5	8.2	8.2	8.2	8.2	10.9	10.9	10.9	8.2
87.5°	5.5	5.5	5.5	8.2	8.2	8.2	8.2	10.9	10.9	10.9	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):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	895.6	895.6	895.6	895.6	895.6	895.6	895.6	895.6	895.6	895.6	895.6
2.5°	625.3	638.9	649.9	660.8	671.7	682.6	693.6	704.5	718.1	729.1	740.0
5°	376.8	385.0	393.2	409.6	426.0	439.6	456.0	494.2	529.7	568.0	603.4
7.5°	273.1	284.0	294.9	308.6	322.2	335.9	349.5	363.2	379.5	393.2	406.8
10°	161.1	174.8	185.7	196.6	210.3	221.2	232.1	243.0	256.7	267.6	278.5
12.5°	125.6	125.6	125.6	131.1	139.3	144.7	150.2	169.3	188.4	207.5	226.6
15°	90.1	92.8	95.6	98.3	101.0	101.0	103.8	117.4	131.1	142.0	155.6
17.5°	73.7	71.0	68.3	73.7	79.2	84.6	90.1	98.3	103.8	112.0	117.4
20°	68.3	68.3	68.3	71.0	73.7	73.7	76.5	79.2	84.6	87.4	90.1
22.5°	54.6	60.1	62.8	62.8	62.8	60.1	60.1	68.3	76.5	84.6	92.8
25°	49.1	49.1	46.4	51.9	54.6	60.1	62.8	65.5	65.5	68.3	68.3
27.5°	41.0	43.7	46.4	49.1	49.1	51.9	51.9	57.3	62.8	68.3	73.7
30°	38.2	38.2	38.2	41.0	46.4	49.1	51.9	57.3	62.8	65.5	71.0
32.5°	30.0	32.8	32.8	35.5	41.0	43.7	46.4	54.6	60.1	68.3	73.7
35°	27.3	30.0	30.0	32.8	35.5	38.2	41.0	49.1	54.6	62.8	68.3
37.5°	21.8	24.6	24.6	27.3	30.0	32.8	35.5	41.0	49.1	54.6	60.1
40°	19.1	21.8	21.8	24.6	27.3	27.3	30.0	35.5	41.0	46.4	51.9
42.5°	16.4	16.4	16.4	19.1	21.8	24.6	27.3	32.8	38.2	41.0	46.4
45°	13.7	13.7	13.7	16.4	19.1	21.8	24.6	30.0	32.8	38.2	41.0
47.5°	10.9	10.9	10.9	13.7	16.4	19.1	21.8	24.6	30.0	32.8	35.5
50°	8.2	10.9	10.9	13.7	16.4	16.4	19.1	21.8	27.3	30.0	32.8
52.5°	8.2	8.2	8.2	10.9	13.7	13.7	16.4	19.1	21.8	24.6	27.3
55°	5.5	5.5	5.5	8.2	10.9	10.9	13.7	16.4	19.1	21.8	24.6
57.5°	5.5	5.5	5.5	8.2	8.2	10.9	10.9	13.7	16.4	19.1	21.8
60°	2.7	2.7	2.7	5.5	5.5	8.2	8.2	10.9	13.7	16.4	19.1
62.5°	2.7	2.7	2.7	5.5	5.5	8.2	8.2	10.9	13.7	16.4	19.1
65°	2.7	2.7	2.7	5.5	5.5	8.2	8.2	10.9	13.7	13.7	16.4
67.5°	2.7	2.7	2.7	2.7	5.5	5.5	5.5	8.2	10.9	13.7	16.4
70°	5.5	2.7	2.7	2.7	5.5	5.5	5.5	8.2	8.2	10.9	10.9
72.5°	5.5	2.7	2.7	2.7	5.5	5.5	5.5	8.2	8.2	10.9	10.9
75°	5.5	5.5	2.7	2.7	5.5	5.5	5.5	5.5	8.2	8.2	8.2
77.5°	5.5	5.5	2.7	2.7	5.5	5.5	5.5	5.5	8.2	8.2	8.2
80°	5.5	5.5	2.7	2.7	5.5	5.5	5.5	5.5	5.5	5.5	5.5
82.5°	5.5	5.5	2.7	2.7	5.5	5.5	5.5	5.5	5.5	5.5	5.5
85°	8.2	5.5	2.7	2.7	5.5	5.5	5.5	5.5	5.5	5.5	5.5
87.5°	8.2	5.5	2.7	5.5	5.5	8.2	8.2	8.2	8.2	5.5	5.5
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):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	895.6	895.6	895.6	895.6	895.6	895.6	895.6	895.6	895.6	895.6	895.6
2.5°	756.4	770.0	786.4	800.0	816.4	832.8	849.2	865.6	882.0	898.3	914.7
5°	630.8	660.8	688.1	715.4	745.4	778.2	808.2	838.3	871.0	903.8	933.8
7.5°	442.3	477.8	513.3	548.8	592.5	636.2	677.2	720.9	761.8	802.8	843.7
10°	303.1	327.7	349.5	374.1	431.4	488.8	546.1	603.4	655.3	704.5	750.9
12.5°	243.0	262.1	278.5	294.9	349.5	406.8	461.5	516.1	568.0	619.8	666.2
15°	199.3	240.3	284.0	324.9	406.8	486.0	568.0	647.1	726.3	805.5	865.6
17.5°	155.6	193.9	232.1	270.3	346.8	420.5	497.0	570.7	641.7	712.7	778.2
20°	133.8	177.5	221.2	264.9	368.6	472.4	576.1	679.9	786.4	890.2	974.8
22.5°	120.1	147.4	172.0	199.3	270.3	338.6	409.6	477.8	562.5	644.4	709.9
25°	101.0	133.8	166.6	199.3	316.7	434.2	551.6	669.0	813.7	958.4	1073.1
27.5°	98.3	122.9	147.4	172.0	324.9	477.8	630.8	783.7	966.6	1149.6	1302.5
30°	92.8	114.7	133.8	155.6	335.9	516.1	696.3	876.5	1135.9	1392.6	1575.5
32.5°	87.4	101.0	112.0	125.6	305.8	488.8	669.0	849.2	1152.3	1452.6	1660.2
35°	76.5	87.4	95.6	103.8	284.0	464.2	641.7	821.9	1168.7	1512.7	1747.5
37.5°	68.3	76.5	84.6	92.8	267.6	439.6	614.4	786.4	1185.1	1583.7	1848.6
40°	60.1	68.3	76.5	84.6	251.2	417.8	581.6	748.2	1201.4	1654.7	1946.9
42.5°	54.6	62.8	71.0	79.2	237.6	395.9	551.6	709.9	1220.5	1731.2	2056.1
45°	49.1	57.3	62.8	71.0	218.4	365.9	513.3	660.8	1247.9	1834.9	2187.2
47.5°	43.7	51.9	60.1	68.3	204.8	341.3	475.1	611.6	1275.2	1938.7	2329.1
50°	41.0	49.1	54.6	62.8	193.9	324.9	456.0	587.1	1329.8	2069.7	2501.2
52.5°	35.5	43.7	49.1	57.3	185.7	311.3	439.6	565.2	1395.3	2222.7	2706.0
55°	32.8	38.2	46.4	51.9	172.0	289.4	409.6	527.0	1409.0	2288.2	2823.4
57.5°	27.3	35.5	41.0	46.4	158.4	270.3	379.5	491.5	1433.5	2372.8	2935.3
60°	24.6	30.0	35.5	41.0	144.7	251.2	355.0	458.7	1463.6	2468.4	3074.6
62.5°	24.6	27.3	32.8	35.5	131.1	229.4	324.9	420.5	1512.7	2602.2	3273.9
65°	21.8	24.6	30.0	32.8	120.1	210.3	297.6	385.0	1559.1	2730.5	3508.7
67.5°	19.1	24.6	27.3	30.0	109.2	185.7	264.9	341.3	1559.1	2777.0	3694.4
70°	16.4	19.1	24.6	27.3	90.1	150.2	213.0	273.1	1447.2	2621.3	3664.4
72.5°	13.7	16.4	19.1	21.8	60.1	98.3	133.8	172.0	1179.6	2187.2	3257.5
75°	10.9	13.7	13.7	16.4	32.8	51.9	68.3	84.6	835.5	1583.7	2430.2
77.5°	10.9	10.9	13.7	13.7	21.8	32.8	41.0	49.1	415.0	778.2	1247.9
80°	8.2	8.2	10.9	10.9	16.4	21.8	24.6	30.0	98.3	163.8	264.9
82.5°	5.5	8.2	8.2	8.2	10.9	13.7	13.7	16.4	21.8	27.3	43.7
85°	5.5	5.5	5.5	5.5	5.5	8.2	8.2	8.2	10.9	10.9	16.4
87.5°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	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: P560778

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**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	895.6	895.6	895.6	895.6	895.6	895.6	895.6	895.6	895.6	895.6	895.6
2.5°	928.4	942.0	953.0	966.6	983.0	993.9	1004.8	1015.8	1026.7	1037.6	1048.5
5°	961.1	988.5	1013.0	1040.3	1067.6	1084.0	1100.4	1116.8	1133.2	1103.1	1073.1
7.5°	884.7	917.5	950.2	983.0	1007.6	999.4	991.2	983.0	974.8	1010.3	1043.1
10°	794.6	821.9	851.9	879.2	811.0	824.6	835.5	849.2	860.1	879.2	898.3
12.5°	712.7	704.5	699.0	690.8	712.7	767.3	821.9	873.8	928.4	936.6	947.5
15°	925.7	931.1	936.6	942.0	947.5	920.2	892.9	862.8	835.5	843.7	851.9
17.5°	843.7	851.9	862.8	871.0	901.1	920.2	936.6	955.7	972.1	1007.6	1043.1
20°	1056.7	1075.8	1092.2	1111.3	1048.5	1013.0	974.8	939.3	901.1	939.3	977.5
22.5°	775.5	868.3	961.1	1054.0	1034.9	1094.9	1155.0	1212.4	1272.4	1209.6	1146.8
25°	1185.1	1228.7	1275.2	1318.8	1346.2	1286.1	1226.0	1165.9	1105.9	1152.3	1198.7
27.5°	1455.4	1444.5	1433.5	1422.6	1477.2	1455.4	1433.5	1409.0	1387.1	1343.4	1297.0
30°	1755.7	1843.1	1930.5	2017.9	2039.7	1941.4	1840.4	1742.1	1641.1	1586.4	1529.1
32.5°	1865.0	1974.2	2080.7	2189.9	2184.4	2127.1	2069.7	2009.7	1952.3	1856.8	1763.9
35°	1982.4	2105.2	2225.4	2348.3	2397.4	2312.8	2225.4	2140.7	2053.4	1987.8	1922.3
37.5°	2110.7	2244.5	2378.3	2512.1	2618.6	2512.1	2408.3	2301.8	2195.3	2127.1	2058.8
40°	2236.3	2419.3	2599.5	2782.4	2787.9	2681.4	2572.2	2465.7	2356.4	2282.7	2209.0
42.5°	2378.3	2585.8	2790.6	2998.1	3000.9	2886.2	2774.2	2659.5	2544.9	2471.1	2397.4
45°	2536.7	2771.5	3003.6	3238.4	3224.8	3093.7	2962.6	2831.6	2700.5	2635.0	2566.7
47.5°	2719.6	2973.6	3227.5	3481.4	3566.1	3388.6	3208.4	3030.9	2850.7	2790.6	2730.5
50°	2929.9	3202.9	3476.0	3749.0	3861.0	3650.7	3440.5	3227.5	3017.2	2957.2	2897.1
52.5°	3186.5	3467.8	3746.3	4027.5	4142.2	3912.9	3683.5	3454.1	3224.8	3151.0	3077.3
55°	3355.8	3680.8	4003.0	4327.9	4459.0	4205.0	3951.1	3694.4	3440.5	3339.4	3235.7
57.5°	3497.8	3830.9	4161.3	4494.5	4625.5	4363.4	4101.3	3836.4	3574.3	3451.4	3328.5
60°	3678.0	4016.6	4357.9	4696.5	4808.5	4524.5	4240.5	3953.8	3669.8	3527.8	3388.6
62.5°	3942.9	4265.1	4587.3	4909.5	4983.2	4680.1	4379.8	4076.7	3773.6	3593.4	3413.2
65°	4286.9	4609.1	4934.1	5256.3	5335.5	4975.0	4617.3	4256.9	3896.5	3658.9	3421.4
67.5°	4609.1	4977.8	5349.1	5717.7	5796.9	5351.8	4904.0	4459.0	4011.2	3699.9	3388.6
70°	4704.7	5141.6	5578.5	6015.4	6119.1	5594.9	5070.6	4543.6	4019.3	3628.9	3241.1
72.5°	4327.9	4824.9	5319.1	5816.0	6012.6	5452.9	4893.1	4330.6	3770.9	3331.2	2894.4
75°	3273.9	3759.9	4248.7	4734.7	4986.0	4494.5	4005.7	3514.2	3022.7	2621.3	2222.7
77.5°	1717.5	2083.4	2446.6	2812.4	3263.0	2880.7	2495.7	2113.4	1728.4	1482.7	1234.2
80°	363.2	488.8	611.6	737.2	991.2	901.1	813.7	723.6	633.5	532.5	428.7
82.5°	60.1	79.2	98.3	117.4	147.4	147.4	150.2	150.2	150.2	131.1	109.2
85°	19.1	24.6	30.0	35.5	35.5	38.2	38.2	41.0	41.0	41.0	38.2
87.5°	8.2	8.2	10.9	10.9	10.9	10.9	13.7	13.7	13.7	13.7	13.7
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: P560778

CATALOG NUMBER: SDL-PA1-60-760-U-T2R-HSS

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	895.6	895.6	895.6	895.6	895.6	895.6	895.6	895.6	895.6	895.6	895.6
2.5°	1059.4	1070.4	1078.6	1089.5	1097.7	1105.9	1111.3	1114.1	1119.5	1122.2	1116.8
5°	1040.3	1010.3	1021.2	1032.1	1040.3	1051.3	1059.4	1067.6	1073.1	1081.3	1086.8
7.5°	1078.6	1111.3	1125.0	1138.6	1152.3	1165.9	1174.1	1182.3	1187.8	1196.0	1198.7
10°	917.5	936.6	977.5	1021.2	1062.2	1103.1	1089.5	1075.8	1062.2	1048.5	1108.6
12.5°	955.7	963.9	988.5	1010.3	1034.9	1056.7	1103.1	1146.8	1193.2	1236.9	1264.2
15°	860.1	868.3	933.8	996.6	1062.2	1125.0	1105.9	1086.8	1067.6	1048.5	1078.6
17.5°	1075.8	1111.3	1048.5	983.0	920.2	854.7	931.1	1010.3	1086.8	1163.2	1190.5
20°	1015.8	1054.0	1086.8	1119.5	1152.3	1185.1	1157.7	1133.2	1105.9	1078.6	1056.7
22.5°	1081.3	1018.5	1056.7	1097.7	1135.9	1174.1	1155.0	1138.6	1119.5	1100.4	1144.1
25°	1242.4	1288.8	1228.7	1168.7	1108.6	1048.5	1116.8	1185.1	1250.6	1318.8	1275.2
27.5°	1253.3	1206.9	1261.5	1313.4	1368.0	1419.9	1362.5	1307.9	1250.6	1193.2	1256.0
30°	1474.5	1417.1	1400.8	1384.4	1368.0	1351.6	1381.6	1411.7	1439.0	1469.0	1477.2
32.5°	1668.4	1572.8	1597.4	1624.7	1649.2	1673.8	1652.0	1632.9	1611.0	1589.2	1682.0
35°	1856.8	1791.2	1802.2	1813.1	1824.0	1834.9	1840.4	1843.1	1848.6	1851.3	1971.4
37.5°	1987.8	1919.6	1957.8	1996.0	2034.2	2072.5	2072.5	2069.7	2069.7	2067.0	2203.5
40°	2132.5	2058.8	2113.4	2165.3	2219.9	2271.8	2282.7	2293.6	2304.6	2315.5	2441.1
42.5°	2321.0	2247.2	2293.6	2337.3	2383.8	2427.4	2446.6	2465.7	2482.1	2501.2	2626.8
45°	2501.2	2432.9	2468.4	2503.9	2539.4	2574.9	2591.3	2607.7	2624.0	2640.4	2785.1
47.5°	2670.5	2610.4	2632.2	2651.3	2673.2	2692.3	2706.0	2716.9	2730.5	2741.5	2886.2
50°	2837.0	2777.0	2782.4	2787.9	2790.6	2796.1	2801.5	2809.7	2815.2	2820.6	2989.9
52.5°	3000.9	2927.1	2913.5	2899.8	2886.2	2872.5	2872.5	2869.8	2869.8	2867.1	2998.1
55°	3134.7	3030.9	2998.1	2962.6	2929.9	2894.4	2880.7	2867.1	2850.7	2837.0	2905.3
57.5°	3202.9	3080.0	3030.9	2979.0	2929.9	2878.0	2831.6	2782.4	2736.0	2686.8	2675.9
60°	3246.6	3104.6	3028.2	2949.0	2872.5	2793.3	2678.7	2564.0	2449.3	2334.6	2274.5
62.5°	3230.2	3050.0	2932.6	2812.4	2695.0	2574.9	2397.4	2219.9	2039.7	1862.2	1777.6
65°	3181.1	2943.5	2774.2	2602.2	2432.9	2260.9	2047.9	1834.9	1621.9	1409.0	1329.8
67.5°	3077.3	2766.0	2528.5	2293.6	2056.1	1818.5	1602.8	1387.1	1171.4	955.7	898.3
70°	2850.7	2460.2	2181.7	1900.5	1621.9	1340.7	1157.7	972.1	789.1	603.4	576.1
72.5°	2454.7	2015.1	1731.2	1449.9	1165.9	882.0	756.4	630.8	505.1	379.5	371.4
75°	1821.3	1419.9	1201.4	980.3	761.8	540.6	466.9	395.9	322.2	248.5	251.2
77.5°	988.5	740.0	636.2	532.5	426.0	322.2	286.7	251.2	215.7	180.2	185.7
80°	327.7	223.9	207.5	191.1	174.8	158.4	144.7	131.1	117.4	103.8	109.2
82.5°	90.1	68.3	73.7	81.9	87.4	92.8	92.8	92.8	90.1	90.1	90.1
85°	38.2	35.5	32.8	32.8	30.0	27.3	32.8	38.2	43.7	49.1	51.9
87.5°	10.9	10.9	10.9	8.2	8.2	5.5	5.5	5.5	5.5	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: P560778

CATALOG NUMBER: SDL-PA1-60-760-U-T2R-HSS

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	895.6	895.6	895.6	895.6	895.6	895.6	895.6	895.6	895.6	895.6	895.6
2.5°	1114.1	1108.6	1103.1	1094.9	1089.5	1081.3	1073.1	1064.9	1056.7	1045.8	1037.6
5°	1092.2	1097.7	1103.1	1105.9	1111.3	1114.1	1116.8	1119.5	1122.2	1122.2	1125.0
7.5°	1198.7	1201.4	1201.4	1185.1	1171.4	1155.0	1138.6	1135.9	1135.9	1133.2	1130.4
10°	1171.4	1231.5	1291.5	1291.5	1288.8	1288.8	1286.1	1286.1	1288.8	1288.8	1288.8
12.5°	1291.5	1318.8	1346.2	1335.2	1327.0	1316.1	1305.2	1258.8	1209.6	1163.2	1114.1
15°	1108.6	1135.9	1165.9	1206.9	1247.9	1288.8	1329.8	1327.0	1327.0	1324.3	1321.6
17.5°	1215.1	1242.4	1267.0	1247.9	1228.7	1206.9	1187.8	1152.3	1116.8	1081.3	1045.8
20°	1037.6	1015.8	993.9	1081.3	1168.7	1256.0	1343.4	1340.7	1340.7	1338.0	1335.2
22.5°	1187.8	1228.7	1272.4	1239.7	1206.9	1174.1	1141.4	1135.9	1127.7	1122.2	1114.1
25°	1231.5	1185.1	1141.4	1223.3	1307.9	1389.8	1471.8	1485.4	1499.1	1510.0	1523.6
27.5°	1321.6	1384.4	1447.2	1430.8	1414.4	1395.3	1378.9	1389.8	1400.8	1411.7	1422.6
30°	1488.1	1496.3	1504.5	1624.7	1747.5	1867.7	1987.8	2004.2	2017.9	2034.2	2047.9
32.5°	1774.8	1865.0	1957.8	2031.5	2108.0	2181.7	2255.4	2353.7	2454.7	2553.0	2651.3
35°	2094.3	2214.5	2334.6	2476.6	2621.3	2763.3	2905.3	2940.8	2979.0	3014.5	3050.0
37.5°	2340.1	2476.6	2613.1	2760.6	2905.3	3052.7	3197.5	3224.8	3252.1	3279.4	3306.7
40°	2566.7	2692.3	2817.9	2973.6	3129.2	3284.8	3440.5	3462.3	3484.2	3506.0	3527.8
42.5°	2752.4	2875.3	3000.9	3156.5	3312.1	3467.8	3623.4	3642.5	3658.9	3678.0	3694.4
45°	2929.9	3074.6	3219.3	3355.8	3492.4	3626.1	3762.7	3776.3	3787.2	3800.9	3811.8
47.5°	3033.6	3178.3	3323.1	3451.4	3579.7	3705.3	3833.7	3833.7	3833.7	3833.7	3833.7
50°	3159.2	3325.8	3495.1	3560.6	3623.4	3688.9	3751.8	3738.1	3724.4	3708.1	3694.4
52.5°	3126.5	3257.5	3385.9	3410.4	3435.0	3459.6	3484.2	3448.7	3415.9	3380.4	3344.9
55°	2973.6	3039.1	3107.3	3066.4	3022.7	2981.7	2938.1	2837.0	2736.0	2635.0	2533.9
57.5°	2665.0	2654.1	2643.2	2533.9	2427.4	2318.2	2209.0	2143.5	2080.7	2015.1	1949.6
60°	2217.2	2157.1	2097.0	1998.7	1900.5	1802.2	1703.9	1668.4	1630.1	1594.6	1556.4
62.5°	1692.9	1608.3	1523.6	1474.5	1425.3	1376.2	1327.0	1291.5	1253.3	1217.8	1179.6
65°	1253.3	1174.1	1094.9	1054.0	1013.0	969.3	928.4	903.8	879.2	851.9	827.4
67.5°	843.7	786.4	729.1	704.5	677.2	652.6	625.3	614.4	600.7	589.8	576.1
70°	546.1	518.8	488.8	477.8	469.7	458.7	447.8	436.9	426.0	415.0	404.1
72.5°	363.2	355.0	346.8	341.3	335.9	330.4	324.9	319.5	311.3	305.8	297.6
75°	251.2	253.9	253.9	251.2	251.2	248.5	245.7	223.9	202.1	180.2	158.4
77.5°	188.4	193.9	196.6	182.9	169.3	152.9	139.3	136.5	133.8	131.1	128.3
80°	117.4	122.9	128.3	122.9	120.1	114.7	109.2	103.8	98.3	92.8	87.4
82.5°	90.1	90.1	90.1	84.6	79.2	71.0	65.5	62.8	60.1	57.3	54.6
85°	54.6	57.3	60.1	54.6	46.4	41.0	32.8	27.3	21.8	16.4	10.9
87.5°	8.2	10.9	10.9	10.9	8.2	8.2	5.5	5.5	5.5	2.7	2.7
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-T2R-HSS

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
0°	895.6	895.6
2.5°	1015.8	993.9
5°	1127.7	1130.4
7.5°	1062.2	991.2
10°	1288.8	1288.8
12.5°	1100.4	1084.0
15°	1316.1	1310.7
17.5°	1043.1	1037.6
20°	1332.5	1329.8
22.5°	1114.1	1111.3
25°	1526.4	1526.4
27.5°	1422.6	1419.9
30°	2047.9	2047.9
32.5°	2703.2	2752.4
35°	3058.2	3066.4
37.5°	3320.3	3331.2
40°	3536.0	3544.2
42.5°	3697.1	3697.1
45°	3811.8	3811.8
47.5°	3830.9	3828.2
50°	3686.2	3678.0
52.5°	3312.1	3276.6
55°	2514.8	2493.0
57.5°	1944.1	1935.9
60°	1556.4	1556.4
62.5°	1168.7	1157.7
65°	816.4	802.8
67.5°	570.7	565.2
70°	404.1	401.4
72.5°	294.9	292.2
75°	155.6	150.2
77.5°	128.3	125.6
80°	90.1	90.1
82.5°	54.6	51.9
85°	8.2	5.5
87.5°	2.7	2.7
90°	0.0	0.0

Signify Classified - Internal  
Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report



Report Generated By 670245982

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Scaled Data Report







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