

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: P560712

Luminaire Tested: **SDL-PA1-60-730-U-T2R-HSS**

Issue Date: 7/26/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P560712  
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-PA1-60-730-U-T2R-HSS  
Description: Springdale  
(1) 70 CRI, 3000K, 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: 5558.9 lumens  
Efficiency: N/A  
Efficacy: 89.1 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

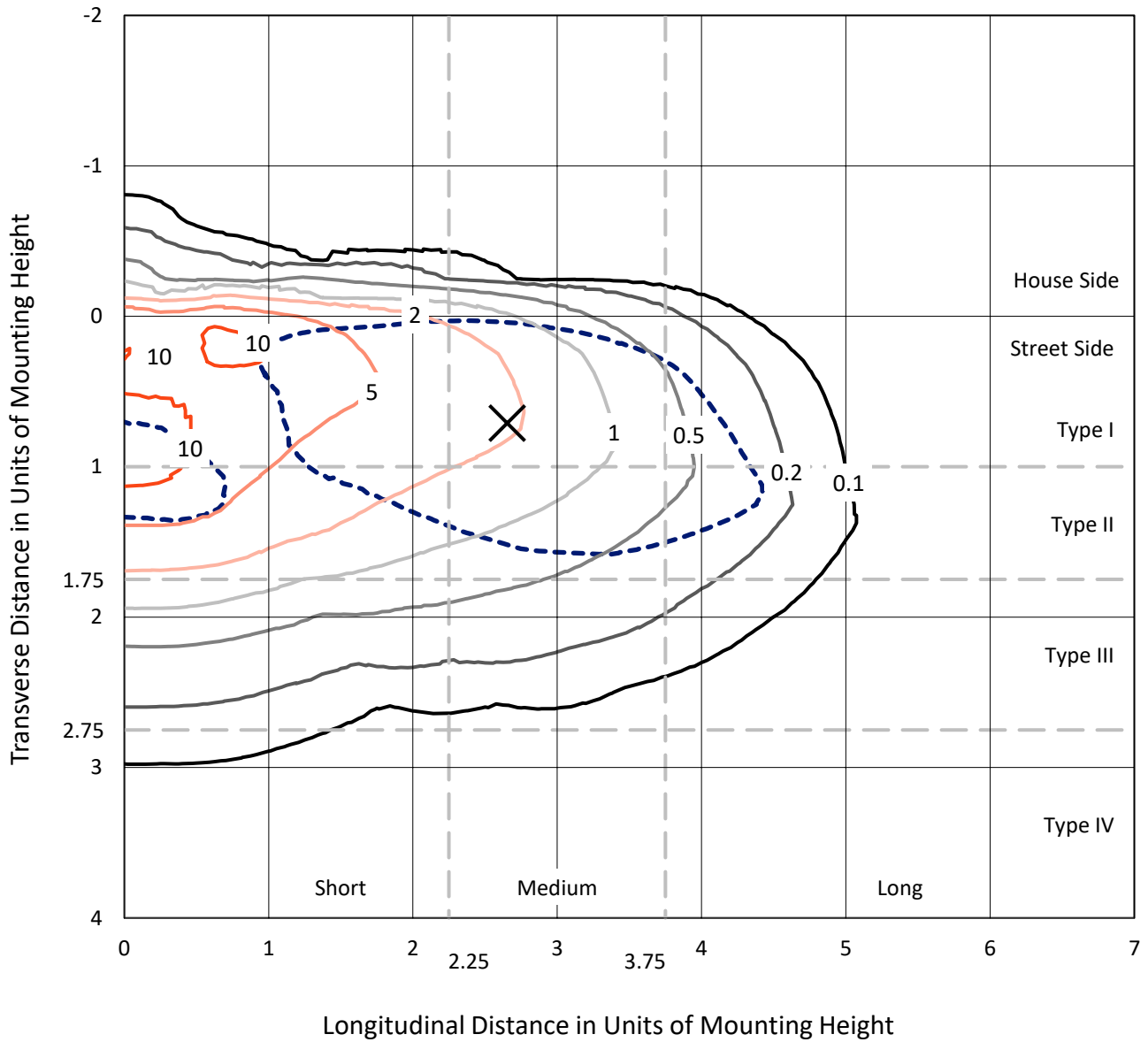
Input Watts (W): 62.4  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

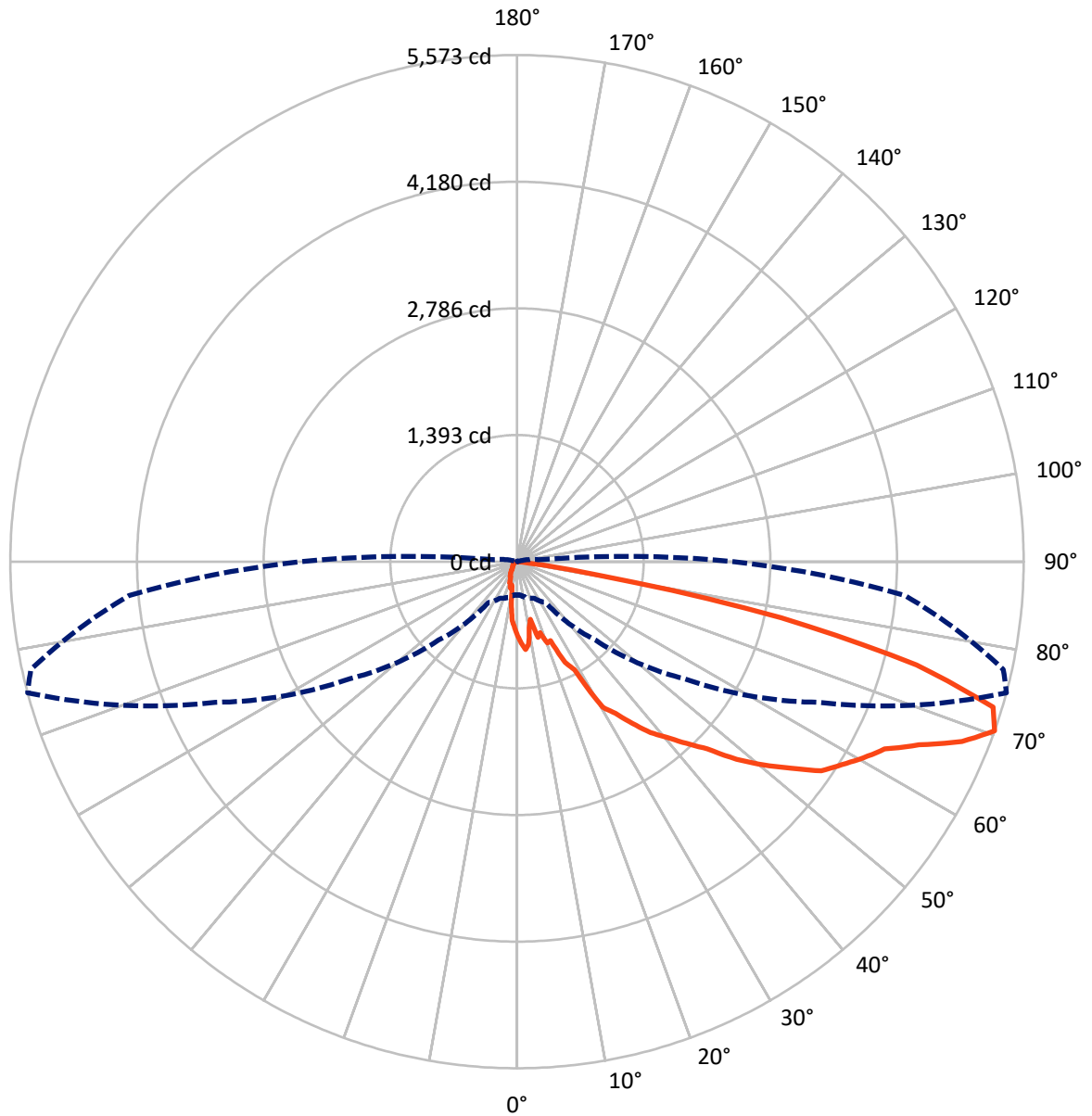
✕ Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 15.2 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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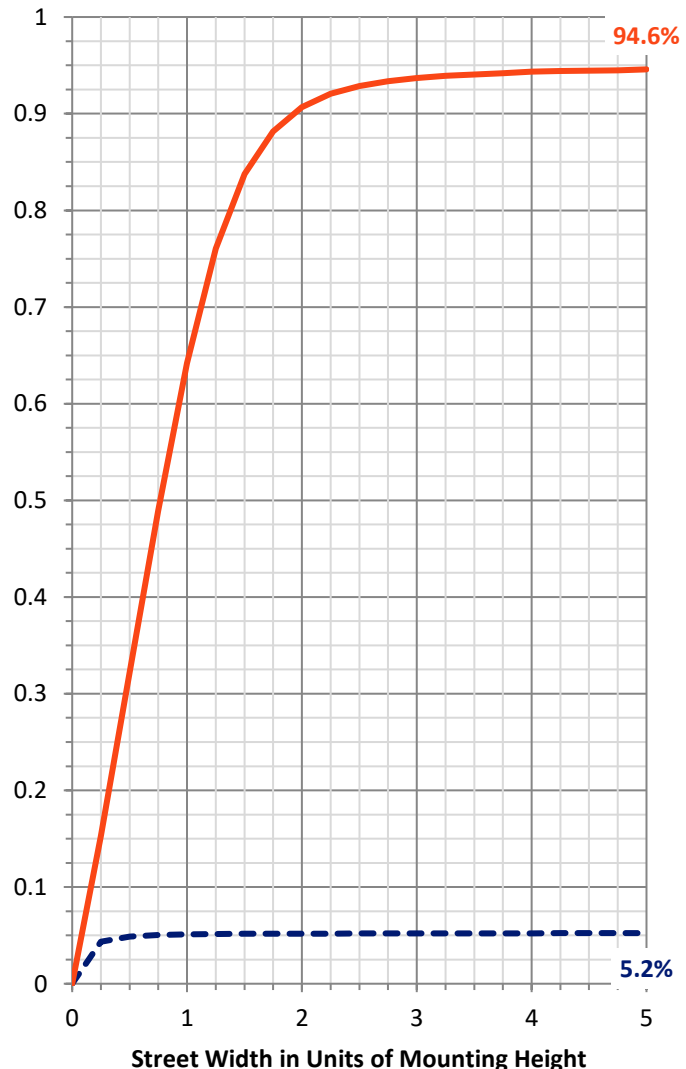
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	293.7	0.0	293.7
	% Fixture	5.3	0.0	5.3
<b>Street Side</b>	Lumens	5265.2	0.0	5265.2
	% Fixture	94.7	0.0	94.7
<b>Total</b>	Lumens	5558.9	0.0	5558.9
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	64.4	1.2
10°-20°	160.4	2.9
20°-30°	304.9	5.5
30°-40°	677.5	12.2
40°-50°	1092.3	19.7
50°-60°	1316.6	23.7
60°-70°	1193.2	21.5
70°-80°	711.1	12.8
80°-90°	38.3	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°	5558.9	100.0
0°-180°	5558.9	100.0



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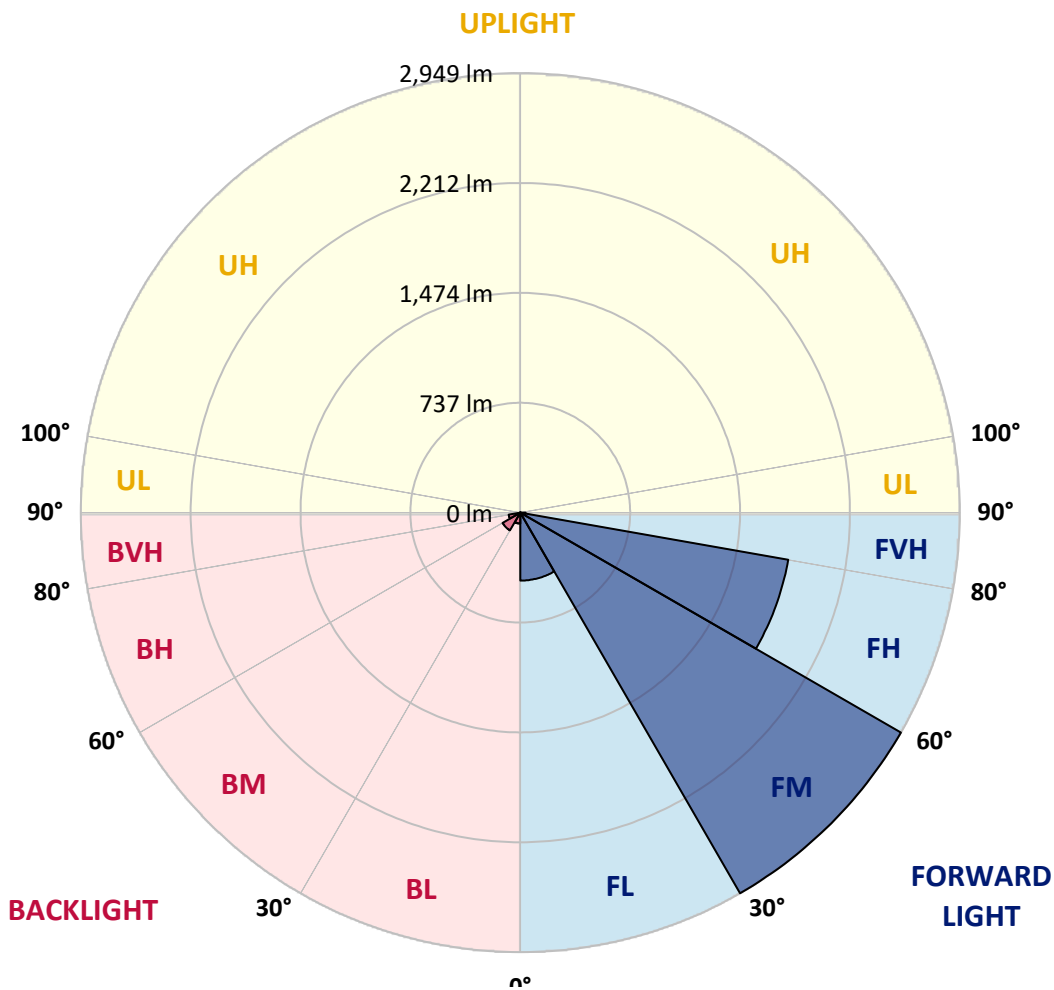
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	455.9	8.2			
FM (30°-60°)	2949.0	53.1			
FH (60°-80°)	1825.2	32.8			G2/5000
FVH (80°-90°)	35.0	0.6			G1/100
BL (0°-30°)	73.8	1.3	B0/110		
BM (30°-60°)	137.5	2.5	B0/220		
BH (60°-80°)	79.1	1.4	B0/110		G0/110
BVH (80°-90°)	3.3	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°	815.6	815.6	815.6	815.6	815.6	815.6	815.6	815.6	815.6	815.6	815.6
2.5°	905.2	925.1	945.0	952.4	962.4	969.8	977.3	984.7	992.2	997.2	1004.6
5°	1029.5	1027.0	1024.5	1022.0	1022.0	1019.6	1017.1	1014.6	1012.1	1007.1	1004.6
7.5°	902.7	967.3	1029.5	1032.0	1034.5	1034.5	1037.0	1051.9	1066.8	1079.2	1094.2
10°	1173.7	1173.7	1173.7	1173.7	1173.7	1171.3	1171.3	1173.7	1173.7	1176.2	1176.2
12.5°	987.2	1002.2	1014.6	1059.3	1101.6	1146.4	1188.7	1198.6	1208.6	1216.0	1226.0
15°	1193.6	1198.6	1203.6	1206.1	1208.6	1208.6	1211.0	1173.7	1136.4	1099.1	1061.8
17.5°	945.0	949.9	952.4	984.7	1017.1	1049.4	1081.7	1099.1	1119.0	1136.4	1153.8
20°	1211.0	1213.5	1216.0	1218.5	1221.0	1221.0	1223.5	1143.9	1064.3	984.7	905.2
22.5°	1012.1	1014.6	1014.6	1022.0	1027.0	1034.5	1039.5	1069.3	1099.1	1129.0	1158.8
25°	1390.1	1390.1	1387.6	1375.2	1365.2	1352.8	1340.4	1265.7	1191.1	1114.1	1039.5
27.5°	1293.1	1295.6	1295.6	1285.6	1275.7	1265.7	1255.8	1270.7	1288.1	1303.0	1318.0
30°	1865.1	1865.1	1865.1	1852.6	1837.7	1825.3	1810.3	1700.9	1591.5	1479.6	1370.2
32.5°	2506.6	2461.9	2414.6	2325.1	2235.6	2143.6	2054.0	1986.9	1919.8	1850.1	1783.0
35°	2792.6	2785.1	2777.7	2745.4	2713.0	2678.2	2645.9	2516.6	2387.3	2255.5	2126.2
37.5°	3033.8	3023.9	3011.4	2986.6	2961.7	2936.8	2912.0	2780.2	2645.9	2514.1	2379.8
40°	3227.8	3220.3	3212.9	3193.0	3173.1	3153.2	3133.3	2991.5	2849.8	2708.1	2566.3
42.5°	3367.0	3367.0	3364.6	3349.6	3332.2	3317.3	3299.9	3158.2	3016.4	2874.7	2732.9
45°	3471.5	3471.5	3471.5	3461.5	3449.1	3439.2	3426.7	3302.4	3180.5	3056.2	2931.9
47.5°	3486.4	3488.9	3491.4	3491.4	3491.4	3491.4	3491.4	3374.5	3260.1	3143.2	3026.4
50°	3349.6	3357.1	3364.6	3377.0	3391.9	3404.3	3416.8	3359.6	3299.9	3242.7	3183.0
52.5°	2984.1	3016.4	3046.3	3078.6	3110.9	3140.7	3173.1	3150.7	3128.3	3105.9	3083.6
55°	2270.4	2290.3	2307.7	2399.7	2491.7	2583.7	2675.7	2715.5	2752.8	2792.6	2829.9
57.5°	1763.1	1770.6	1775.5	1835.2	1894.9	1952.1	2011.8	2111.2	2210.7	2307.7	2407.2
60°	1417.4	1417.4	1417.4	1452.3	1484.6	1519.4	1551.7	1641.2	1730.8	1820.3	1909.8
62.5°	1054.4	1064.3	1074.3	1109.1	1141.4	1176.2	1208.6	1253.3	1298.1	1342.8	1387.6
65°	731.1	743.5	753.5	775.9	800.7	823.1	845.5	882.8	922.6	959.9	997.2
67.5°	514.8	519.7	524.7	537.1	547.1	559.5	569.5	594.3	616.7	641.6	664.0
70°	365.6	368.0	368.0	378.0	387.9	397.9	407.8	417.8	427.7	435.2	445.1
72.5°	266.1	268.6	271.1	278.5	283.5	290.9	295.9	300.9	305.9	310.8	315.8
75°	136.8	141.7	144.2	164.1	184.0	203.9	223.8	226.3	228.8	228.8	231.3
77.5°	114.4	116.9	116.9	119.4	121.9	124.3	126.8	139.3	154.2	166.6	179.0
80°	82.1	82.1	79.6	84.5	89.5	94.5	99.5	104.4	109.4	111.9	116.9
82.5°	47.2	49.7	49.7	52.2	54.7	57.2	59.7	64.7	72.1	77.1	82.1
85°	5.0	7.5	9.9	14.9	19.9	24.9	29.8	37.3	42.3	49.7	54.7
87.5°	2.5	2.5	2.5	2.5	5.0	5.0	5.0	7.5	7.5	9.9	9.9
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°	815.6	815.6	815.6	815.6	815.6	815.6	815.6	815.6	815.6	815.6	815.6
2.5°	1009.6	1014.6	1017.1	1022.0	1019.6	1014.6	1012.1	1007.1	999.7	992.2	982.3
5°	999.7	994.7	989.7	984.7	977.3	972.3	964.9	957.4	947.4	940.0	930.0
7.5°	1094.2	1091.7	1091.7	1089.2	1081.7	1076.8	1069.3	1061.8	1049.4	1037.0	1024.5
10°	1121.5	1066.8	1009.6	954.9	967.3	979.8	992.2	1004.6	967.3	930.0	890.3
12.5°	1201.1	1176.2	1151.4	1126.5	1086.7	1044.4	1004.6	962.4	942.5	920.1	900.2
15°	1034.5	1009.6	982.3	954.9	972.3	989.7	1007.1	1024.5	967.3	907.7	850.5
17.5°	1131.5	1106.6	1084.2	1059.3	989.7	920.1	848.0	778.3	838.0	895.2	954.9
20°	925.1	945.0	962.4	982.3	1007.1	1032.0	1054.4	1079.2	1049.4	1019.6	989.7
22.5°	1119.0	1081.7	1041.9	1002.2	1019.6	1037.0	1051.9	1069.3	1034.5	999.7	962.4
25°	1079.2	1121.5	1161.3	1201.1	1138.9	1079.2	1017.1	954.9	1009.6	1064.3	1119.0
27.5°	1260.8	1203.6	1143.9	1086.7	1138.9	1191.1	1240.9	1293.1	1245.9	1196.1	1148.9
30°	1362.7	1355.3	1345.3	1337.9	1310.5	1285.6	1258.3	1230.9	1245.9	1260.8	1275.7
32.5°	1698.4	1616.4	1531.8	1447.3	1467.2	1487.1	1504.5	1524.4	1502.0	1479.6	1454.7
35°	2016.7	1907.3	1795.4	1686.0	1683.5	1678.5	1676.1	1671.1	1661.1	1651.2	1641.2
37.5°	2255.5	2131.1	2006.8	1882.5	1884.9	1884.9	1887.4	1887.4	1852.6	1817.8	1783.0
40°	2451.9	2337.5	2223.1	2108.8	2098.8	2088.9	2078.9	2069.0	2021.7	1972.0	1924.7
42.5°	2618.5	2506.6	2392.2	2277.8	2260.4	2245.5	2228.1	2210.7	2170.9	2128.6	2088.9
45°	2800.1	2668.3	2536.5	2404.7	2389.8	2374.8	2359.9	2345.0	2312.7	2280.3	2248.0
47.5°	2894.6	2762.8	2628.5	2496.7	2486.7	2474.3	2464.4	2451.9	2434.5	2414.6	2397.2
50°	3028.8	2877.2	2723.0	2568.8	2563.8	2558.9	2551.4	2546.4	2541.4	2539.0	2534.0
52.5°	2966.7	2847.3	2730.4	2611.1	2613.6	2613.6	2616.0	2616.0	2628.5	2640.9	2653.3
55°	2767.7	2708.1	2645.9	2583.7	2596.2	2611.1	2623.5	2635.9	2668.3	2698.1	2730.4
57.5°	2417.1	2427.1	2437.0	2446.9	2491.7	2534.0	2578.7	2621.0	2668.3	2713.0	2760.3
60°	1964.5	2019.2	2071.5	2126.2	2230.6	2335.0	2439.5	2543.9	2616.0	2685.7	2757.8
62.5°	1464.7	1541.8	1618.9	1696.0	1857.6	2021.7	2183.4	2345.0	2454.4	2561.3	2670.8
65°	1069.3	1141.4	1211.0	1283.2	1477.1	1671.1	1865.1	2059.0	2215.7	2369.9	2526.5
67.5°	716.2	768.4	818.1	870.4	1066.8	1263.3	1459.7	1656.2	1872.5	2088.9	2302.7
70°	472.5	497.3	524.7	549.6	718.7	885.3	1054.4	1221.0	1477.1	1730.8	1986.9
72.5°	323.3	330.7	338.2	345.7	460.0	574.4	688.8	803.2	1061.8	1320.5	1576.6
75°	231.3	228.8	228.8	226.3	293.4	360.6	425.2	492.4	693.8	892.7	1094.2
77.5°	176.6	171.6	169.1	164.1	196.5	228.8	261.1	293.4	387.9	484.9	579.4
80°	111.9	106.9	99.5	94.5	106.9	119.4	131.8	144.2	159.2	174.1	189.0
82.5°	82.1	82.1	82.1	82.1	82.1	84.5	84.5	84.5	79.6	74.6	67.1
85°	52.2	49.7	47.2	44.8	39.8	34.8	29.8	24.9	27.4	29.8	29.8
87.5°	9.9	7.5	7.5	5.0	5.0	5.0	5.0	5.0	7.5	7.5	9.9
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°	815.6	815.6	815.6	815.6	815.6	815.6	815.6	815.6	815.6	815.6	815.6
2.5°	974.8	964.9	954.9	945.0	935.0	925.1	915.1	905.2	895.2	880.3	867.9
5°	920.1	947.4	977.3	1004.6	1032.0	1017.1	1002.2	987.2	972.3	947.4	922.6
7.5°	1012.1	979.8	949.9	920.1	887.8	895.2	902.7	910.1	917.6	895.2	865.4
10°	853.0	835.5	818.1	800.7	783.3	773.4	760.9	751.0	738.6	800.7	775.9
12.5°	877.8	870.4	862.9	853.0	845.5	795.8	748.5	698.8	649.0	629.1	636.6
15°	790.8	783.3	775.9	768.4	760.9	785.8	813.2	838.0	862.9	857.9	853.0
17.5°	1012.1	979.8	949.9	917.6	885.3	870.4	853.0	838.0	820.6	793.3	785.8
20°	959.9	925.1	890.3	855.4	820.6	855.4	887.8	922.6	954.9	1012.1	994.7
22.5°	927.6	984.7	1044.4	1101.6	1158.8	1104.1	1051.9	997.2	942.5	959.9	875.3
25°	1173.7	1131.5	1091.7	1049.4	1007.1	1061.8	1116.5	1171.3	1226.0	1201.1	1161.3
27.5°	1099.1	1141.4	1181.2	1223.5	1263.3	1283.2	1305.5	1325.4	1345.3	1295.6	1305.5
30°	1290.6	1342.8	1392.6	1444.8	1494.5	1586.5	1676.1	1768.1	1857.6	1837.7	1758.1
32.5°	1432.4	1519.4	1606.4	1691.0	1778.0	1830.2	1884.9	1937.2	1989.4	1994.4	1894.9
35°	1631.3	1691.0	1750.7	1810.3	1870.0	1949.6	2026.7	2106.3	2183.4	2138.6	2026.7
37.5°	1748.2	1810.3	1875.0	1937.2	1999.3	2096.3	2193.3	2287.8	2384.8	2287.8	2165.9
40°	1875.0	1942.1	2011.8	2078.9	2146.1	2245.5	2342.5	2442.0	2539.0	2534.0	2367.4
42.5°	2046.6	2113.7	2183.4	2250.5	2317.6	2422.1	2526.5	2628.5	2732.9	2730.4	2541.4
45°	2215.7	2277.8	2337.5	2399.7	2459.4	2578.7	2698.1	2817.5	2936.8	2949.3	2735.4
47.5°	2377.3	2432.0	2486.7	2541.4	2596.2	2760.3	2921.9	3086.0	3247.7	3170.6	2939.3
50°	2529.0	2583.7	2638.4	2693.1	2747.8	2939.3	3133.3	3324.8	3516.2	3414.3	3165.6
52.5°	2665.8	2732.9	2802.6	2869.7	2936.8	3145.7	3354.6	3563.5	3772.4	3667.9	3411.8
55°	2760.3	2854.8	2946.8	3041.3	3133.3	3364.6	3598.3	3829.6	4060.8	3941.5	3645.6
57.5°	2805.0	2916.9	3031.3	3143.2	3255.1	3493.9	3735.1	3973.8	4212.5	4093.2	3789.8
60°	2827.4	2956.7	3086.0	3212.9	3342.2	3600.8	3861.9	4120.5	4379.1	4277.2	3968.8
62.5°	2777.7	2941.8	3108.4	3272.5	3436.7	3712.7	3988.7	4262.3	4538.3	4471.1	4177.7
65°	2680.7	2897.0	3115.9	3332.2	3548.6	3876.8	4205.1	4530.8	4859.1	4787.0	4493.5
67.5°	2519.1	2802.6	3086.0	3369.5	3653.0	4060.8	4466.2	4874.0	5279.3	5207.2	4871.5
70°	2240.5	2596.2	2951.8	3304.9	3660.5	4137.9	4617.9	5095.3	5572.8	5478.3	5080.4
72.5°	1835.2	2235.6	2635.9	3033.8	3434.2	3944.0	4456.2	4966.0	5475.8	5296.7	4844.2
75°	1293.1	1658.7	2024.2	2387.3	2752.8	3200.4	3648.0	4093.2	4540.8	4312.0	3869.4
77.5°	673.9	900.2	1124.0	1350.3	1574.1	1924.7	2272.9	2623.5	2971.6	2561.3	2228.1
80°	203.9	298.4	390.4	484.9	576.9	659.0	741.0	820.6	902.7	671.4	557.0
82.5°	62.2	82.1	99.5	119.4	136.8	136.8	136.8	134.3	134.3	106.9	89.5
85°	32.3	34.8	34.8	37.3	37.3	37.3	34.8	34.8	32.3	32.3	27.4
87.5°	9.9	9.9	12.4	12.4	12.4	12.4	12.4	9.9	9.9	9.9	9.9
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: P560712

CATALOG NUMBER: SDL-PA1-60-730-U-T2R-HSS

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	815.6	815.6	815.6	815.6	815.6	815.6	815.6	815.6	815.6	815.6	815.6
2.5°	857.9	845.5	833.1	818.1	803.2	788.3	773.4	758.5	743.5	728.6	716.2
5°	900.2	875.3	850.5	823.1	793.3	763.4	736.1	708.7	678.9	651.5	626.7
7.5°	835.5	805.7	768.4	731.1	693.8	656.5	616.7	579.4	539.6	499.8	467.5
10°	748.5	723.6	683.9	641.6	596.8	549.6	497.3	445.1	392.9	340.7	318.3
12.5°	641.6	649.0	606.8	564.5	517.2	470.0	420.3	370.5	318.3	268.6	253.6
15°	848.0	843.0	788.3	733.6	661.5	589.4	517.2	442.6	370.5	295.9	258.6
17.5°	775.9	768.4	708.7	649.0	584.4	519.7	452.6	383.0	315.8	246.2	211.4
20°	979.8	962.4	887.8	810.7	716.2	619.2	524.7	430.2	335.7	241.2	201.4
22.5°	790.8	706.2	646.6	586.9	512.3	435.2	373.0	308.4	246.2	181.5	156.7
25°	1119.0	1079.2	977.3	872.8	741.0	609.3	502.3	395.4	288.5	181.5	151.7
27.5°	1315.5	1325.4	1186.2	1046.9	880.3	713.7	574.4	435.2	295.9	156.7	134.3
30°	1678.5	1599.0	1434.8	1268.2	1034.5	798.2	634.1	470.0	305.9	141.7	121.9
32.5°	1797.9	1698.4	1511.9	1322.9	1049.4	773.4	609.3	445.1	278.5	114.4	102.0
35°	1917.3	1805.4	1591.5	1377.7	1064.3	748.5	584.4	422.7	258.6	94.5	87.0
37.5°	2044.1	1922.2	1683.5	1442.3	1079.2	716.2	559.5	400.4	243.7	84.5	77.1
40°	2203.2	2036.6	1773.0	1507.0	1094.2	681.4	529.7	380.5	228.8	77.1	69.6
42.5°	2354.9	2165.9	1872.5	1576.6	1111.6	646.6	502.3	360.6	216.3	72.1	64.7
45°	2524.0	2310.2	1991.9	1671.1	1136.4	601.8	467.5	333.2	198.9	64.7	57.2
47.5°	2708.1	2476.8	2121.2	1765.6	1161.3	557.0	432.7	310.8	186.5	62.2	54.7
50°	2916.9	2668.3	2277.8	1884.9	1211.0	534.6	415.3	295.9	176.6	57.2	49.7
52.5°	3158.2	2902.0	2464.4	2024.2	1270.7	514.8	400.4	283.5	169.1	52.2	44.8
55°	3352.1	3056.2	2571.3	2083.9	1283.2	479.9	373.0	263.6	156.7	47.2	42.3
57.5°	3488.9	3185.5	2673.2	2161.0	1305.5	447.6	345.7	246.2	144.2	42.3	37.3
60°	3658.0	3349.6	2800.1	2248.0	1332.9	417.8	323.3	228.8	131.8	37.3	32.3
62.5°	3884.3	3590.8	2981.6	2369.9	1377.7	383.0	295.9	208.9	119.4	32.3	29.8
65°	4197.6	3904.2	3195.5	2486.7	1419.9	350.6	271.1	191.5	109.4	29.8	27.4
67.5°	4533.3	4197.6	3364.6	2529.0	1419.9	310.8	241.2	169.1	99.5	27.4	24.9
70°	4682.5	4284.6	3337.2	2387.3	1318.0	248.7	194.0	136.8	82.1	24.9	22.4
72.5°	4394.1	3941.5	2966.7	1991.9	1074.3	156.7	121.9	89.5	54.7	19.9	17.4
75°	3424.2	2981.6	2213.2	1442.3	760.9	77.1	62.2	47.2	29.8	14.9	12.4
77.5°	1897.4	1564.2	1136.4	708.7	378.0	44.8	37.3	29.8	19.9	12.4	12.4
80°	445.1	330.7	241.2	149.2	89.5	27.4	22.4	19.9	14.9	9.9	9.9
82.5°	72.1	54.7	39.8	24.9	19.9	14.9	12.4	12.4	9.9	7.5	7.5
85°	22.4	17.4	14.9	9.9	9.9	7.5	7.5	7.5	5.0	5.0	5.0
87.5°	7.5	7.5	7.5	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P560712  
 CATALOG NUMBER: SDL-PA1-60-730-U-T2R-HSS

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	815.6	815.6	815.6	815.6	815.6	815.6	815.6	815.6	815.6	815.6	815.6
2.5°	701.3	688.8	673.9	664.0	654.0	641.6	631.6	621.7	611.7	601.8	591.8
5°	601.8	574.4	549.6	517.2	482.4	450.1	415.3	400.4	387.9	373.0	358.1
7.5°	435.2	402.9	370.5	358.1	345.7	330.7	318.3	305.9	293.4	281.0	268.6
10°	298.4	276.0	253.6	243.7	233.8	221.3	211.4	201.4	191.5	179.0	169.1
12.5°	238.7	221.3	206.4	189.0	171.6	154.2	136.8	131.8	126.8	119.4	114.4
15°	218.8	181.5	141.7	129.3	119.4	106.9	94.5	92.0	92.0	89.5	87.0
17.5°	176.6	141.7	106.9	102.0	94.5	89.5	82.1	77.1	72.1	67.1	62.2
20°	161.6	121.9	82.1	79.6	77.1	72.1	69.6	67.1	67.1	64.7	62.2
22.5°	134.3	109.4	84.5	77.1	69.6	62.2	54.7	54.7	57.2	57.2	57.2
25°	121.9	92.0	62.2	62.2	59.7	59.7	57.2	54.7	49.7	47.2	42.3
27.5°	111.9	89.5	67.1	62.2	57.2	52.2	47.2	47.2	44.8	44.8	42.3
30°	104.4	84.5	64.7	59.7	57.2	52.2	47.2	44.8	42.3	37.3	34.8
32.5°	92.0	79.6	67.1	62.2	54.7	49.7	42.3	39.8	37.3	32.3	29.8
35°	79.6	69.6	62.2	57.2	49.7	44.8	37.3	34.8	32.3	29.8	27.4
37.5°	69.6	62.2	54.7	49.7	44.8	37.3	32.3	29.8	27.4	24.9	22.4
40°	62.2	54.7	47.2	42.3	37.3	32.3	27.4	24.9	24.9	22.4	19.9
42.5°	57.2	49.7	42.3	37.3	34.8	29.8	24.9	22.4	19.9	17.4	14.9
45°	52.2	44.8	37.3	34.8	29.8	27.4	22.4	19.9	17.4	14.9	12.4
47.5°	47.2	39.8	32.3	29.8	27.4	22.4	19.9	17.4	14.9	12.4	9.9
50°	44.8	37.3	29.8	27.4	24.9	19.9	17.4	14.9	14.9	12.4	9.9
52.5°	39.8	32.3	24.9	22.4	19.9	17.4	14.9	12.4	12.4	9.9	7.5
55°	34.8	29.8	22.4	19.9	17.4	14.9	12.4	9.9	9.9	7.5	5.0
57.5°	32.3	24.9	19.9	17.4	14.9	12.4	9.9	9.9	7.5	7.5	5.0
60°	27.4	22.4	17.4	14.9	12.4	9.9	7.5	7.5	5.0	5.0	2.5
62.5°	24.9	22.4	17.4	14.9	12.4	9.9	7.5	7.5	5.0	5.0	2.5
65°	22.4	19.9	14.9	12.4	12.4	9.9	7.5	7.5	5.0	5.0	2.5
67.5°	22.4	17.4	14.9	12.4	9.9	7.5	5.0	5.0	5.0	2.5	2.5
70°	17.4	14.9	9.9	9.9	7.5	7.5	5.0	5.0	5.0	2.5	2.5
72.5°	14.9	12.4	9.9	9.9	7.5	7.5	5.0	5.0	5.0	2.5	2.5
75°	12.4	9.9	7.5	7.5	7.5	5.0	5.0	5.0	5.0	2.5	2.5
77.5°	9.9	9.9	7.5	7.5	7.5	5.0	5.0	5.0	5.0	2.5	2.5
80°	7.5	7.5	5.0	5.0	5.0	5.0	5.0	5.0	5.0	2.5	2.5
82.5°	7.5	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	2.5	2.5
85°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	2.5	2.5
87.5°	5.0	5.0	5.0	5.0	7.5	7.5	7.5	7.5	5.0	5.0	2.5
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):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	815.6	815.6	815.6	815.6	815.6	815.6	815.6	815.6	815.6	815.6	815.6
2.5°	581.9	569.5	559.5	547.1	529.7	509.8	492.4	472.5	470.0	467.5	462.5
5°	350.6	343.2	335.7	328.2	323.3	318.3	313.3	308.4	303.4	300.9	295.9
7.5°	258.6	248.7	238.7	228.8	221.3	216.3	208.9	201.4	196.5	189.0	184.0
10°	159.2	146.7	136.8	124.3	129.3	134.3	136.8	141.7	141.7	139.3	139.3
12.5°	114.4	114.4	114.4	114.4	114.4	114.4	111.9	111.9	111.9	109.4	109.4
15°	84.5	82.1	79.6	77.1	77.1	77.1	74.6	74.6	79.6	82.1	87.0
17.5°	64.7	67.1	67.1	69.6	72.1	74.6	74.6	77.1	77.1	79.6	79.6
20°	62.2	62.2	59.7	59.7	57.2	57.2	54.7	52.2	54.7	59.7	62.2
22.5°	54.7	49.7	47.2	42.3	44.8	49.7	52.2	54.7	54.7	54.7	54.7
25°	44.8	44.8	47.2	47.2	44.8	42.3	39.8	37.3	39.8	42.3	42.3
27.5°	39.8	37.3	34.8	32.3	34.8	34.8	37.3	37.3	37.3	37.3	34.8
30°	34.8	34.8	32.3	32.3	32.3	29.8	29.8	27.4	29.8	29.8	32.3
32.5°	29.8	27.4	27.4	24.9	24.9	27.4	27.4	27.4	27.4	27.4	27.4
35°	27.4	24.9	24.9	22.4	22.4	22.4	22.4	22.4	24.9	24.9	27.4
37.5°	22.4	19.9	19.9	17.4	17.4	19.9	19.9	19.9	19.9	22.4	22.4
40°	19.9	17.4	17.4	14.9	14.9	17.4	17.4	17.4	17.4	19.9	19.9
42.5°	14.9	14.9	12.4	12.4	12.4	14.9	14.9	14.9	14.9	17.4	17.4
45°	12.4	12.4	9.9	9.9	9.9	12.4	12.4	12.4	12.4	12.4	12.4
47.5°	9.9	9.9	7.5	7.5	7.5	9.9	9.9	9.9	9.9	9.9	9.9
50°	9.9	7.5	7.5	5.0	5.0	7.5	7.5	7.5	7.5	7.5	7.5
52.5°	7.5	7.5	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
55°	5.0	5.0	2.5	2.5	2.5	5.0	5.0	5.0	5.0	5.0	2.5
57.5°	5.0	5.0	2.5	2.5	2.5	5.0	5.0	5.0	5.0	5.0	2.5
60°	2.5	2.5	2.5	2.5	2.5	5.0	5.0	5.0	5.0	5.0	2.5
62.5°	2.5	2.5	2.5	2.5	2.5	5.0	5.0	5.0	5.0	5.0	5.0
65°	2.5	2.5	2.5	2.5	5.0	5.0	7.5	7.5	7.5	7.5	5.0
67.5°	2.5	2.5	2.5	2.5	5.0	5.0	7.5	7.5	7.5	5.0	5.0
70°	2.5	5.0	5.0	5.0	5.0	7.5	7.5	7.5	7.5	7.5	5.0
72.5°	2.5	5.0	5.0	5.0	5.0	7.5	7.5	7.5	7.5	7.5	5.0
75°	5.0	5.0	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	5.0
77.5°	5.0	5.0	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	5.0
80°	5.0	5.0	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	5.0
82.5°	5.0	5.0	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	5.0
85°	5.0	7.5	7.5	9.9	9.9	9.9	7.5	7.5	7.5	7.5	5.0
87.5°	5.0	7.5	7.5	9.9	9.9	9.9	7.5	7.5	7.5	7.5	5.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P560712  
 CATALOG NUMBER: SDL-PA1-60-730-U-T2R-HSS

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	815.6	815.6	815.6	815.6	815.6	815.6	815.6	815.6	815.6	815.6	815.6
2.5°	460.0	455.1	450.1	442.6	437.7	442.6	447.6	442.6	437.7	442.6	450.1
5°	290.9	288.5	288.5	286.0	283.5	283.5	281.0	283.5	283.5	286.0	288.5
7.5°	176.6	174.1	171.6	166.6	164.1	169.1	171.6	169.1	164.1	166.6	171.6
10°	136.8	136.8	134.3	134.3	131.8	131.8	131.8	131.8	131.8	134.3	134.3
12.5°	106.9	104.4	102.0	99.5	97.0	102.0	104.4	102.0	97.0	99.5	102.0
15°	89.5	89.5	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
17.5°	79.6	77.1	77.1	74.6	72.1	72.1	69.6	72.1	72.1	74.6	77.1
20°	64.7	64.7	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
22.5°	54.7	52.2	52.2	49.7	47.2	47.2	44.8	47.2	47.2	49.7	52.2
25°	44.8	44.8	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
27.5°	34.8	34.8	34.8	32.3	32.3	32.3	32.3	32.3	32.3	32.3	34.8
30°	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
32.5°	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
35°	27.4	27.4	27.4	24.9	24.9	24.9	24.9	24.9	24.9	24.9	27.4
37.5°	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
40°	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9
42.5°	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
45°	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4
47.5°	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
50°	7.5	7.5	7.5	5.0	5.0	5.0	5.0	5.0	5.0	5.0	7.5
52.5°	5.0	5.0	5.0	2.5	2.5	2.5	2.5	2.5	2.5	2.5	5.0
55°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
57.5°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
60°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
62.5°	5.0	5.0	5.0	2.5	2.5	2.5	2.5	2.5	2.5	2.5	5.0
65°	5.0	5.0	2.5	2.5	0.0	0.0	0.0	0.0	0.0	2.5	2.5
67.5°	2.5	2.5	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5
70°	5.0	5.0	2.5	2.5	0.0	0.0	0.0	0.0	0.0	2.5	2.5
72.5°	5.0	5.0	2.5	2.5	0.0	0.0	0.0	0.0	0.0	2.5	2.5
75°	5.0	5.0	2.5	2.5	0.0	0.0	0.0	0.0	0.0	2.5	2.5
77.5°	5.0	5.0	5.0	2.5	2.5	2.5	0.0	2.5	2.5	2.5	5.0
80°	5.0	5.0	5.0	2.5	2.5	2.5	0.0	2.5	2.5	2.5	5.0
82.5°	5.0	5.0	5.0	2.5	2.5	2.5	0.0	2.5	2.5	2.5	5.0
85°	5.0	5.0	5.0	2.5	2.5	2.5	0.0	2.5	2.5	2.5	5.0
87.5°	5.0	5.0	5.0	2.5	2.5	2.5	0.0	2.5	2.5	2.5	5.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P560712  
 CATALOG NUMBER: SDL-PA1-60-730-U-T2R-HSS

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	815.6	815.6	815.6	815.6	815.6	815.6	815.6	815.6	815.6	815.6	815.6
2.5°	455.1	460.0	462.5	467.5	470.0	472.5	492.4	509.8	529.7	547.1	559.5
5°	288.5	290.9	295.9	300.9	303.4	308.4	313.3	318.3	323.3	328.2	335.7
7.5°	174.1	176.6	184.0	189.0	196.5	201.4	208.9	216.3	221.3	228.8	238.7
10°	136.8	136.8	139.3	139.3	141.7	141.7	136.8	134.3	129.3	124.3	136.8
12.5°	104.4	106.9	109.4	109.4	111.9	111.9	111.9	114.4	114.4	114.4	114.4
15°	89.5	89.5	87.0	82.1	79.6	74.6	74.6	77.1	77.1	77.1	79.6
17.5°	77.1	79.6	79.6	79.6	77.1	77.1	74.6	74.6	72.1	69.6	67.1
20°	64.7	64.7	62.2	59.7	54.7	52.2	54.7	57.2	57.2	59.7	59.7
22.5°	52.2	54.7	54.7	54.7	54.7	54.7	52.2	49.7	44.8	42.3	47.2
25°	44.8	44.8	42.3	42.3	39.8	37.3	39.8	42.3	44.8	47.2	47.2
27.5°	34.8	34.8	34.8	37.3	37.3	37.3	37.3	34.8	34.8	32.3	34.8
30°	32.3	32.3	32.3	29.8	29.8	27.4	29.8	29.8	32.3	32.3	32.3
32.5°	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	24.9	24.9	27.4
35°	27.4	27.4	27.4	24.9	24.9	22.4	22.4	22.4	22.4	22.4	24.9
37.5°	22.4	22.4	22.4	22.4	19.9	19.9	19.9	19.9	17.4	17.4	19.9
40°	19.9	19.9	19.9	19.9	17.4	17.4	17.4	17.4	14.9	14.9	17.4
42.5°	17.4	17.4	17.4	17.4	14.9	14.9	14.9	14.9	12.4	12.4	12.4
45°	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	9.9	9.9	9.9
47.5°	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	7.5	7.5	7.5
50°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	5.0	5.0	7.5
52.5°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
55°	2.5	2.5	2.5	5.0	5.0	5.0	5.0	5.0	2.5	2.5	2.5
57.5°	2.5	2.5	2.5	5.0	5.0	5.0	5.0	5.0	2.5	2.5	2.5
60°	2.5	2.5	2.5	5.0	5.0	5.0	5.0	5.0	2.5	2.5	2.5
62.5°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	2.5	2.5	2.5
65°	5.0	5.0	5.0	7.5	7.5	7.5	7.5	5.0	5.0	2.5	2.5
67.5°	2.5	2.5	5.0	5.0	7.5	7.5	7.5	5.0	5.0	2.5	2.5
70°	5.0	5.0	5.0	7.5	7.5	7.5	7.5	7.5	5.0	5.0	5.0
72.5°	5.0	5.0	5.0	7.5	7.5	7.5	7.5	7.5	5.0	5.0	5.0
75°	5.0	5.0	5.0	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
77.5°	5.0	5.0	5.0	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
80°	5.0	5.0	5.0	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
82.5°	5.0	5.0	5.0	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
85°	5.0	5.0	5.0	7.5	7.5	7.5	7.5	9.9	9.9	9.9	7.5
87.5°	5.0	5.0	5.0	7.5	7.5	7.5	7.5	9.9	9.9	9.9	7.5
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):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	815.6	815.6	815.6	815.6	815.6	815.6	815.6	815.6	815.6	815.6	815.6
2.5°	569.5	581.9	591.8	601.8	611.7	621.7	631.6	641.6	654.0	664.0	673.9
5°	343.2	350.6	358.1	373.0	387.9	400.4	415.3	450.1	482.4	517.2	549.6
7.5°	248.7	258.6	268.6	281.0	293.4	305.9	318.3	330.7	345.7	358.1	370.5
10°	146.7	159.2	169.1	179.0	191.5	201.4	211.4	221.3	233.8	243.7	253.6
12.5°	114.4	114.4	114.4	119.4	126.8	131.8	136.8	154.2	171.6	189.0	206.4
15°	82.1	84.5	87.0	89.5	92.0	92.0	94.5	106.9	119.4	129.3	141.7
17.5°	67.1	64.7	62.2	67.1	72.1	77.1	82.1	89.5	94.5	102.0	106.9
20°	62.2	62.2	62.2	64.7	67.1	67.1	69.6	72.1	77.1	79.6	82.1
22.5°	49.7	54.7	57.2	57.2	57.2	54.7	54.7	62.2	69.6	77.1	84.5
25°	44.8	44.8	42.3	47.2	49.7	54.7	57.2	59.7	59.7	62.2	62.2
27.5°	37.3	39.8	42.3	44.8	44.8	47.2	47.2	52.2	57.2	62.2	67.1
30°	34.8	34.8	34.8	37.3	42.3	44.8	47.2	52.2	57.2	59.7	64.7
32.5°	27.4	29.8	29.8	32.3	37.3	39.8	42.3	49.7	54.7	62.2	67.1
35°	24.9	27.4	27.4	29.8	32.3	34.8	37.3	44.8	49.7	57.2	62.2
37.5°	19.9	22.4	22.4	24.9	27.4	29.8	32.3	37.3	44.8	49.7	54.7
40°	17.4	19.9	19.9	22.4	24.9	24.9	27.4	32.3	37.3	42.3	47.2
42.5°	14.9	14.9	14.9	17.4	19.9	22.4	24.9	29.8	34.8	37.3	42.3
45°	12.4	12.4	12.4	14.9	17.4	19.9	22.4	27.4	29.8	34.8	37.3
47.5°	9.9	9.9	9.9	12.4	14.9	17.4	19.9	22.4	27.4	29.8	32.3
50°	7.5	9.9	9.9	12.4	14.9	14.9	17.4	19.9	24.9	27.4	29.8
52.5°	7.5	7.5	7.5	9.9	12.4	12.4	14.9	17.4	19.9	22.4	24.9
55°	5.0	5.0	5.0	7.5	9.9	9.9	12.4	14.9	17.4	19.9	22.4
57.5°	5.0	5.0	5.0	7.5	7.5	9.9	9.9	12.4	14.9	17.4	19.9
60°	2.5	2.5	2.5	5.0	5.0	7.5	7.5	9.9	12.4	14.9	17.4
62.5°	2.5	2.5	2.5	5.0	5.0	7.5	7.5	9.9	12.4	14.9	17.4
65°	2.5	2.5	2.5	5.0	5.0	7.5	7.5	9.9	12.4	12.4	14.9
67.5°	2.5	2.5	2.5	2.5	5.0	5.0	5.0	7.5	9.9	12.4	14.9
70°	5.0	2.5	2.5	2.5	5.0	5.0	5.0	7.5	7.5	9.9	9.9
72.5°	5.0	2.5	2.5	2.5	5.0	5.0	5.0	7.5	7.5	9.9	9.9
75°	5.0	5.0	2.5	2.5	5.0	5.0	5.0	5.0	7.5	7.5	7.5
77.5°	5.0	5.0	2.5	2.5	5.0	5.0	5.0	5.0	7.5	7.5	7.5
80°	5.0	5.0	2.5	2.5	5.0	5.0	5.0	5.0	5.0	5.0	5.0
82.5°	5.0	5.0	2.5	2.5	5.0	5.0	5.0	5.0	5.0	5.0	5.0
85°	7.5	5.0	2.5	2.5	5.0	5.0	5.0	5.0	5.0	5.0	5.0
87.5°	7.5	5.0	2.5	5.0	5.0	7.5	7.5	7.5	7.5	5.0	5.0
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-PA1-60-730-U-T2R-HSS

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	815.6	815.6	815.6	815.6	815.6	815.6	815.6	815.6	815.6	815.6	815.6
2.5°	688.8	701.3	716.2	728.6	743.5	758.5	773.4	788.3	803.2	818.1	833.1
5°	574.4	601.8	626.7	651.5	678.9	708.7	736.1	763.4	793.3	823.1	850.5
7.5°	402.9	435.2	467.5	499.8	539.6	579.4	616.7	656.5	693.8	731.1	768.4
10°	276.0	298.4	318.3	340.7	392.9	445.1	497.3	549.6	596.8	641.6	683.9
12.5°	221.3	238.7	253.6	268.6	318.3	370.5	420.3	470.0	517.2	564.5	606.8
15°	181.5	218.8	258.6	295.9	370.5	442.6	517.2	589.4	661.5	733.6	788.3
17.5°	141.7	176.6	211.4	246.2	315.8	383.0	452.6	519.7	584.4	649.0	708.7
20°	121.9	161.6	201.4	241.2	335.7	430.2	524.7	619.2	716.2	810.7	887.8
22.5°	109.4	134.3	156.7	181.5	246.2	308.4	373.0	435.2	512.3	586.9	646.6
25°	92.0	121.9	151.7	181.5	288.5	395.4	502.3	609.3	741.0	872.8	977.3
27.5°	89.5	111.9	134.3	156.7	295.9	435.2	574.4	713.7	880.3	1046.9	1186.2
30°	84.5	104.4	121.9	141.7	305.9	470.0	634.1	798.2	1034.5	1268.2	1434.8
32.5°	79.6	92.0	102.0	114.4	278.5	445.1	609.3	773.4	1049.4	1322.9	1511.9
35°	69.6	79.6	87.0	94.5	258.6	422.7	584.4	748.5	1064.3	1377.7	1591.5
37.5°	62.2	69.6	77.1	84.5	243.7	400.4	559.5	716.2	1079.2	1442.3	1683.5
40°	54.7	62.2	69.6	77.1	228.8	380.5	529.7	681.4	1094.2	1507.0	1773.0
42.5°	49.7	57.2	64.7	72.1	216.3	360.6	502.3	646.6	1111.6	1576.6	1872.5
45°	44.8	52.2	57.2	64.7	198.9	333.2	467.5	601.8	1136.4	1671.1	1991.9
47.5°	39.8	47.2	54.7	62.2	186.5	310.8	432.7	557.0	1161.3	1765.6	2121.2
50°	37.3	44.8	49.7	57.2	176.6	295.9	415.3	534.6	1211.0	1884.9	2277.8
52.5°	32.3	39.8	44.8	52.2	169.1	283.5	400.4	514.8	1270.7	2024.2	2464.4
55°	29.8	34.8	42.3	47.2	156.7	263.6	373.0	479.9	1283.2	2083.9	2571.3
57.5°	24.9	32.3	37.3	42.3	144.2	246.2	345.7	447.6	1305.5	2161.0	2673.2
60°	22.4	27.4	32.3	37.3	131.8	228.8	323.3	417.8	1332.9	2248.0	2800.1
62.5°	22.4	24.9	29.8	32.3	119.4	208.9	295.9	383.0	1377.7	2369.9	2981.6
65°	19.9	22.4	27.4	29.8	109.4	191.5	271.1	350.6	1419.9	2486.7	3195.5
67.5°	17.4	22.4	24.9	27.4	99.5	169.1	241.2	310.8	1419.9	2529.0	3364.6
70°	14.9	17.4	22.4	24.9	82.1	136.8	194.0	248.7	1318.0	2387.3	3337.2
72.5°	12.4	14.9	17.4	19.9	54.7	89.5	121.9	156.7	1074.3	1991.9	2966.7
75°	9.9	12.4	12.4	14.9	29.8	47.2	62.2	77.1	760.9	1442.3	2213.2
77.5°	9.9	9.9	12.4	12.4	19.9	29.8	37.3	44.8	378.0	708.7	1136.4
80°	7.5	7.5	9.9	9.9	14.9	19.9	22.4	27.4	89.5	149.2	241.2
82.5°	5.0	7.5	7.5	7.5	9.9	12.4	12.4	14.9	19.9	24.9	39.8
85°	5.0	5.0	5.0	5.0	5.0	7.5	7.5	7.5	9.9	9.9	14.9
87.5°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	7.5
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):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	815.6	815.6	815.6	815.6	815.6	815.6	815.6	815.6	815.6	815.6	815.6
2.5°	845.5	857.9	867.9	880.3	895.2	905.2	915.1	925.1	935.0	945.0	954.9
5°	875.3	900.2	922.6	947.4	972.3	987.2	1002.2	1017.1	1032.0	1004.6	977.3
7.5°	805.7	835.5	865.4	895.2	917.6	910.1	902.7	895.2	887.8	920.1	949.9
10°	723.6	748.5	775.9	800.7	738.6	751.0	760.9	773.4	783.3	800.7	818.1
12.5°	649.0	641.6	636.6	629.1	649.0	698.8	748.5	795.8	845.5	853.0	862.9
15°	843.0	848.0	853.0	857.9	862.9	838.0	813.2	785.8	760.9	768.4	775.9
17.5°	768.4	775.9	785.8	793.3	820.6	838.0	853.0	870.4	885.3	917.6	949.9
20°	962.4	979.8	994.7	1012.1	954.9	922.6	887.8	855.4	820.6	855.4	890.3
22.5°	706.2	790.8	875.3	959.9	942.5	997.2	1051.9	1104.1	1158.8	1101.6	1044.4
25°	1079.2	1119.0	1161.3	1201.1	1226.0	1171.3	1116.5	1061.8	1007.1	1049.4	1091.7
27.5°	1325.4	1315.5	1305.5	1295.6	1345.3	1325.4	1305.5	1283.2	1263.3	1223.5	1181.2
30°	1599.0	1678.5	1758.1	1837.7	1857.6	1768.1	1676.1	1586.5	1494.5	1444.8	1392.6
32.5°	1698.4	1797.9	1894.9	1994.4	1989.4	1937.2	1884.9	1830.2	1778.0	1691.0	1606.4
35°	1805.4	1917.3	2026.7	2138.6	2183.4	2106.3	2026.7	1949.6	1870.0	1810.3	1750.7
37.5°	1922.2	2044.1	2165.9	2287.8	2384.8	2287.8	2193.3	2096.3	1999.3	1937.2	1875.0
40°	2036.6	2203.2	2367.4	2534.0	2539.0	2442.0	2342.5	2245.5	2146.1	2078.9	2011.8
42.5°	2165.9	2354.9	2541.4	2730.4	2732.9	2628.5	2526.5	2422.1	2317.6	2250.5	2183.4
45°	2310.2	2524.0	2735.4	2949.3	2936.8	2817.5	2698.1	2578.7	2459.4	2399.7	2337.5
47.5°	2476.8	2708.1	2939.3	3170.6	3247.7	3086.0	2921.9	2760.3	2596.2	2541.4	2486.7
50°	2668.3	2916.9	3165.6	3414.3	3516.2	3324.8	3133.3	2939.3	2747.8	2693.1	2638.4
52.5°	2902.0	3158.2	3411.8	3667.9	3772.4	3563.5	3354.6	3145.7	2936.8	2869.7	2802.6
55°	3056.2	3352.1	3645.6	3941.5	4060.8	3829.6	3598.3	3364.6	3133.3	3041.3	2946.8
57.5°	3185.5	3488.9	3789.8	4093.2	4212.5	3973.8	3735.1	3493.9	3255.1	3143.2	3031.3
60°	3349.6	3658.0	3968.8	4277.2	4379.1	4120.5	3861.9	3600.8	3342.2	3212.9	3086.0
62.5°	3590.8	3884.3	4177.7	4471.1	4538.3	4262.3	3988.7	3712.7	3436.7	3272.5	3108.4
65°	3904.2	4197.6	4493.5	4787.0	4859.1	4530.8	4205.1	3876.8	3548.6	3332.2	3115.9
67.5°	4197.6	4533.3	4871.5	5207.2	5279.3	4874.0	4466.2	4060.8	3653.0	3369.5	3086.0
70°	4284.6	4682.5	5080.4	5478.3	5572.8	5095.3	4617.9	4137.9	3660.5	3304.9	2951.8
72.5°	3941.5	4394.1	4844.2	5296.7	5475.8	4966.0	4456.2	3944.0	3434.2	3033.8	2635.9
75°	2981.6	3424.2	3869.4	4312.0	4540.8	4093.2	3648.0	3200.4	2752.8	2387.3	2024.2
77.5°	1564.2	1897.4	2228.1	2561.3	2971.6	2623.5	2272.9	1924.7	1574.1	1350.3	1124.0
80°	330.7	445.1	557.0	671.4	902.7	820.6	741.0	659.0	576.9	484.9	390.4
82.5°	54.7	72.1	89.5	106.9	134.3	134.3	136.8	136.8	136.8	119.4	99.5
85°	17.4	22.4	27.4	32.3	32.3	34.8	34.8	37.3	37.3	37.3	34.8
87.5°	7.5	7.5	9.9	9.9	9.9	9.9	12.4	12.4	12.4	12.4	12.4
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-PA1-60-730-U-T2R-HSS

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	815.6	815.6	815.6	815.6	815.6	815.6	815.6	815.6	815.6	815.6	815.6
2.5°	964.9	974.8	982.3	992.2	999.7	1007.1	1012.1	1014.6	1019.6	1022.0	1017.1
5°	947.4	920.1	930.0	940.0	947.4	957.4	964.9	972.3	977.3	984.7	989.7
7.5°	982.3	1012.1	1024.5	1037.0	1049.4	1061.8	1069.3	1076.8	1081.7	1089.2	1091.7
10°	835.5	853.0	890.3	930.0	967.3	1004.6	992.2	979.8	967.3	954.9	1009.6
12.5°	870.4	877.8	900.2	920.1	942.5	962.4	1004.6	1044.4	1086.7	1126.5	1151.4
15°	783.3	790.8	850.5	907.7	967.3	1024.5	1007.1	989.7	972.3	954.9	982.3
17.5°	979.8	1012.1	954.9	895.2	838.0	778.3	848.0	920.1	989.7	1059.3	1084.2
20°	925.1	959.9	989.7	1019.6	1049.4	1079.2	1054.4	1032.0	1007.1	982.3	962.4
22.5°	984.7	927.6	962.4	999.7	1034.5	1069.3	1051.9	1037.0	1019.6	1002.2	1041.9
25°	1131.5	1173.7	1119.0	1064.3	1009.6	954.9	1017.1	1079.2	1138.9	1201.1	1161.3
27.5°	1141.4	1099.1	1148.9	1196.1	1245.9	1293.1	1240.9	1191.1	1138.9	1086.7	1143.9
30°	1342.8	1290.6	1275.7	1260.8	1245.9	1230.9	1258.3	1285.6	1310.5	1337.9	1345.3
32.5°	1519.4	1432.4	1454.7	1479.6	1502.0	1524.4	1504.5	1487.1	1467.2	1447.3	1531.8
35°	1691.0	1631.3	1641.2	1651.2	1661.1	1671.1	1676.1	1678.5	1683.5	1686.0	1795.4
37.5°	1810.3	1748.2	1783.0	1817.8	1852.6	1887.4	1887.4	1884.9	1884.9	1882.5	2006.8
40°	1942.1	1875.0	1924.7	1972.0	2021.7	2069.0	2078.9	2088.9	2098.8	2108.8	2223.1
42.5°	2113.7	2046.6	2088.9	2128.6	2170.9	2210.7	2228.1	2245.5	2260.4	2277.8	2392.2
45°	2277.8	2215.7	2248.0	2280.3	2312.7	2345.0	2359.9	2374.8	2389.8	2404.7	2536.5
47.5°	2432.0	2377.3	2397.2	2414.6	2434.5	2451.9	2464.4	2474.3	2486.7	2496.7	2628.5
50°	2583.7	2529.0	2534.0	2539.0	2541.4	2546.4	2551.4	2558.9	2563.8	2568.8	2723.0
52.5°	2732.9	2665.8	2653.3	2640.9	2628.5	2616.0	2616.0	2613.6	2613.6	2611.1	2730.4
55°	2854.8	2760.3	2730.4	2698.1	2668.3	2635.9	2623.5	2611.1	2596.2	2583.7	2645.9
57.5°	2916.9	2805.0	2760.3	2713.0	2668.3	2621.0	2578.7	2534.0	2491.7	2446.9	2437.0
60°	2956.7	2827.4	2757.8	2685.7	2616.0	2543.9	2439.5	2335.0	2230.6	2126.2	2071.5
62.5°	2941.8	2777.7	2670.8	2561.3	2454.4	2345.0	2183.4	2021.7	1857.6	1696.0	1618.9
65°	2897.0	2680.7	2526.5	2369.9	2215.7	2059.0	1865.1	1671.1	1477.1	1283.2	1211.0
67.5°	2802.6	2519.1	2302.7	2088.9	1872.5	1656.2	1459.7	1263.3	1066.8	870.4	818.1
70°	2596.2	2240.5	1986.9	1730.8	1477.1	1221.0	1054.4	885.3	718.7	549.6	524.7
72.5°	2235.6	1835.2	1576.6	1320.5	1061.8	803.2	688.8	574.4	460.0	345.7	338.2
75°	1658.7	1293.1	1094.2	892.7	693.8	492.4	425.2	360.6	293.4	226.3	228.8
77.5°	900.2	673.9	579.4	484.9	387.9	293.4	261.1	228.8	196.5	164.1	169.1
80°	298.4	203.9	189.0	174.1	159.2	144.2	131.8	119.4	106.9	94.5	99.5
82.5°	82.1	62.2	67.1	74.6	79.6	84.5	84.5	84.5	82.1	82.1	82.1
85°	34.8	32.3	29.8	29.8	27.4	24.9	29.8	34.8	39.8	44.8	47.2
87.5°	9.9	9.9	9.9	7.5	7.5	5.0	5.0	5.0	5.0	5.0	7.5
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: P560712

CATALOG NUMBER: SDL-PA1-60-730-U-T2R-HSS

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	815.6	815.6	815.6	815.6	815.6	815.6	815.6	815.6	815.6	815.6	815.6
2.5°	1014.6	1009.6	1004.6	997.2	992.2	984.7	977.3	969.8	962.4	952.4	945.0
5°	994.7	999.7	1004.6	1007.1	1012.1	1014.6	1017.1	1019.6	1022.0	1022.0	1024.5
7.5°	1091.7	1094.2	1094.2	1079.2	1066.8	1051.9	1037.0	1034.5	1034.5	1032.0	1029.5
10°	1066.8	1121.5	1176.2	1176.2	1173.7	1173.7	1171.3	1171.3	1173.7	1173.7	1173.7
12.5°	1176.2	1201.1	1226.0	1216.0	1208.6	1198.6	1188.7	1146.4	1101.6	1059.3	1014.6
15°	1009.6	1034.5	1061.8	1099.1	1136.4	1173.7	1211.0	1208.6	1208.6	1206.1	1203.6
17.5°	1106.6	1131.5	1153.8	1136.4	1119.0	1099.1	1081.7	1049.4	1017.1	984.7	952.4
20°	945.0	925.1	905.2	984.7	1064.3	1143.9	1223.5	1221.0	1221.0	1218.5	1216.0
22.5°	1081.7	1119.0	1158.8	1129.0	1099.1	1069.3	1039.5	1034.5	1027.0	1022.0	1014.6
25°	1121.5	1079.2	1039.5	1114.1	1191.1	1265.7	1340.4	1352.8	1365.2	1375.2	1387.6
27.5°	1203.6	1260.8	1318.0	1303.0	1288.1	1270.7	1255.8	1265.7	1275.7	1285.6	1295.6
30°	1355.3	1362.7	1370.2	1479.6	1591.5	1700.9	1810.3	1825.3	1837.7	1852.6	1865.1
32.5°	1616.4	1698.4	1783.0	1850.1	1919.8	1986.9	2054.0	2143.6	2235.6	2325.1	2414.6
35°	1907.3	2016.7	2126.2	2255.5	2387.3	2516.6	2645.9	2678.2	2713.0	2745.4	2777.7
37.5°	2131.1	2255.5	2379.8	2514.1	2645.9	2780.2	2912.0	2936.8	2961.7	2986.6	3011.4
40°	2337.5	2451.9	2566.3	2708.1	2849.8	2991.5	3133.3	3153.2	3173.1	3193.0	3212.9
42.5°	2506.6	2618.5	2732.9	2874.7	3016.4	3158.2	3299.9	3317.3	3332.2	3349.6	3364.6
45°	2668.3	2800.1	2931.9	3056.2	3180.5	3302.4	3426.7	3439.2	3449.1	3461.5	3471.5
47.5°	2762.8	2894.6	3026.4	3143.2	3260.1	3374.5	3491.4	3491.4	3491.4	3491.4	3491.4
50°	2877.2	3028.8	3183.0	3242.7	3299.9	3359.6	3416.8	3404.3	3391.9	3377.0	3364.6
52.5°	2847.3	2966.7	3083.6	3105.9	3128.3	3150.7	3173.1	3140.7	3110.9	3078.6	3046.3
55°	2708.1	2767.7	2829.9	2792.6	2752.8	2715.5	2675.7	2583.7	2491.7	2399.7	2307.7
57.5°	2427.1	2417.1	2407.2	2307.7	2210.7	2111.2	2011.8	1952.1	1894.9	1835.2	1775.5
60°	2019.2	1964.5	1909.8	1820.3	1730.8	1641.2	1551.7	1519.4	1484.6	1452.3	1417.4
62.5°	1541.8	1464.7	1387.6	1342.8	1298.1	1253.3	1208.6	1176.2	1141.4	1109.1	1074.3
65°	1141.4	1069.3	997.2	959.9	922.6	882.8	845.5	823.1	800.7	775.9	753.5
67.5°	768.4	716.2	664.0	641.6	616.7	594.3	569.5	559.5	547.1	537.1	524.7
70°	497.3	472.5	445.1	435.2	427.7	417.8	407.8	397.9	387.9	378.0	368.0
72.5°	330.7	323.3	315.8	310.8	305.9	300.9	295.9	290.9	283.5	278.5	271.1
75°	228.8	231.3	231.3	228.8	228.8	226.3	223.8	203.9	184.0	164.1	144.2
77.5°	171.6	176.6	179.0	166.6	154.2	139.3	126.8	124.3	121.9	119.4	116.9
80°	106.9	111.9	116.9	111.9	109.4	104.4	99.5	94.5	89.5	84.5	79.6
82.5°	82.1	82.1	82.1	77.1	72.1	64.7	59.7	57.2	54.7	52.2	49.7
85°	49.7	52.2	54.7	49.7	42.3	37.3	29.8	24.9	19.9	14.9	9.9
87.5°	7.5	9.9	9.9	9.9	7.5	7.5	5.0	5.0	5.0	2.5	2.5
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: P560712  
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**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
0°	815.6	815.6
2.5°	925.1	905.2
5°	1027.0	1029.5
7.5°	967.3	902.7
10°	1173.7	1173.7
12.5°	1002.2	987.2
15°	1198.6	1193.6
17.5°	949.9	945.0
20°	1213.5	1211.0
22.5°	1014.6	1012.1
25°	1390.1	1390.1
27.5°	1295.6	1293.1
30°	1865.1	1865.1
32.5°	2461.9	2506.6
35°	2785.1	2792.6
37.5°	3023.9	3033.8
40°	3220.3	3227.8
42.5°	3367.0	3367.0
45°	3471.5	3471.5
47.5°	3488.9	3486.4
50°	3357.1	3349.6
52.5°	3016.4	2984.1
55°	2290.3	2270.4
57.5°	1770.6	1763.1
60°	1417.4	1417.4
62.5°	1064.3	1054.4
65°	743.5	731.1
67.5°	519.7	514.8
70°	368.0	365.6
72.5°	268.6	266.1
75°	141.7	136.8
77.5°	116.9	114.4
80°	82.1	82.1
82.5°	49.7	47.2
85°	7.5	5.0
87.5°	2.5	2.5
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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Peachtree City, GA 30269

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