

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: P560228

Luminaire Tested: **SDL-PA1-30-750-U-T2R-HSS**

Issue Date: 7/26/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P560228  
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-PA1-30-750-U-T2R-HSS  
Description: Springdale  
(1) 70 CRI, 5000K, 375mA 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: 3096.1 lumens  
Efficiency: N/A  
Efficacy: 102.9 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 - G1

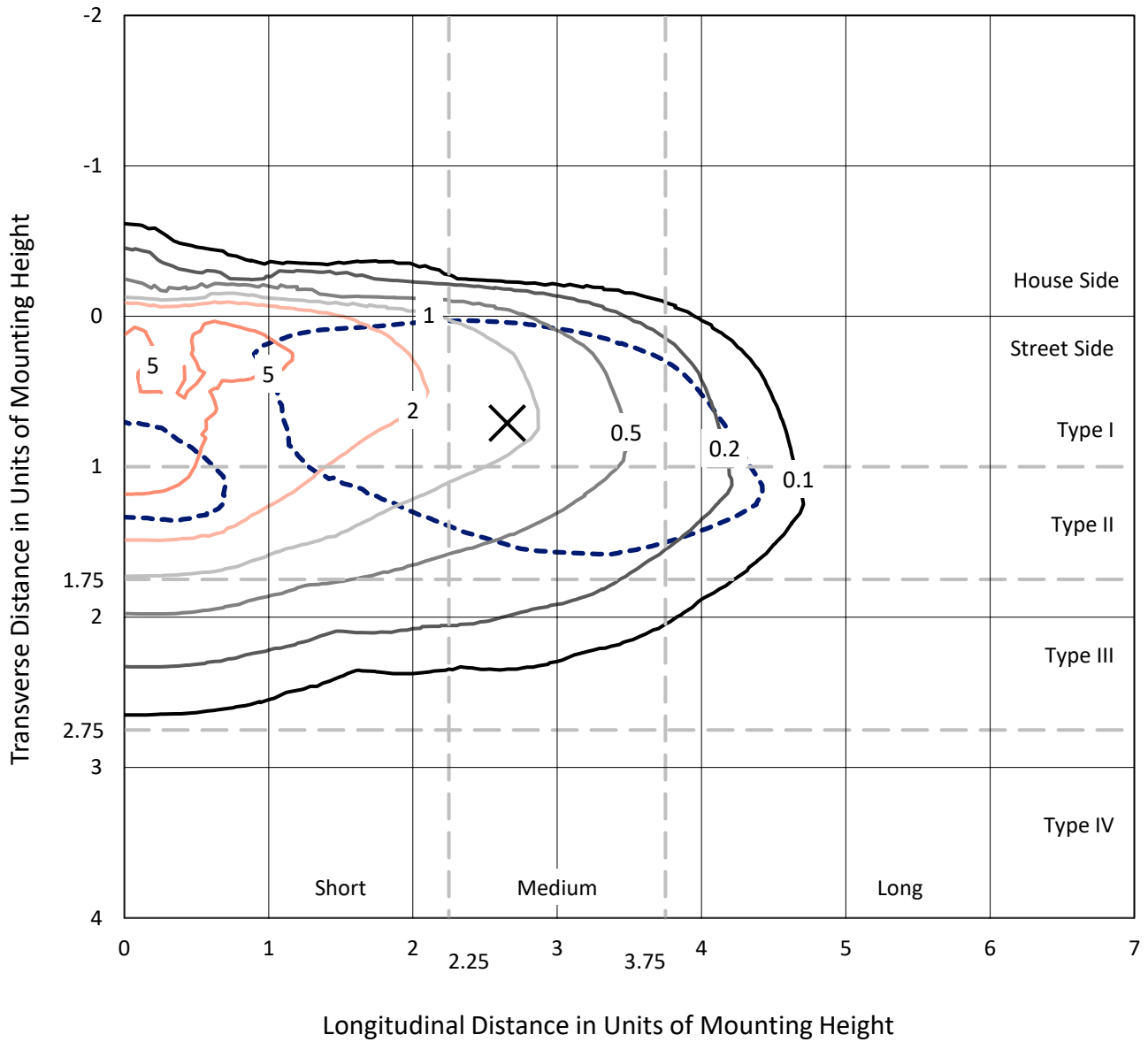
Input Watts (W): 30.1  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

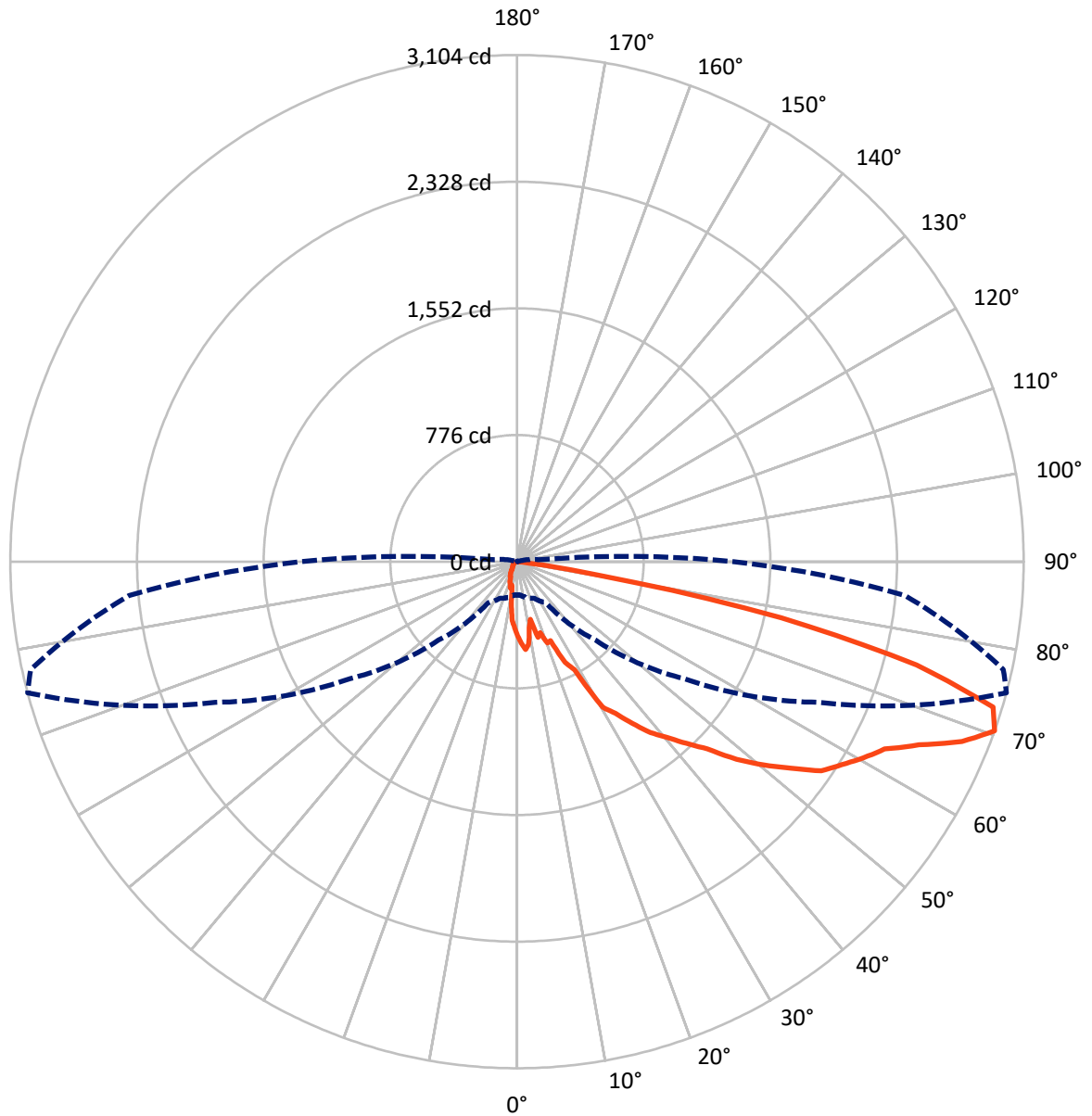
✕ Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 8.5 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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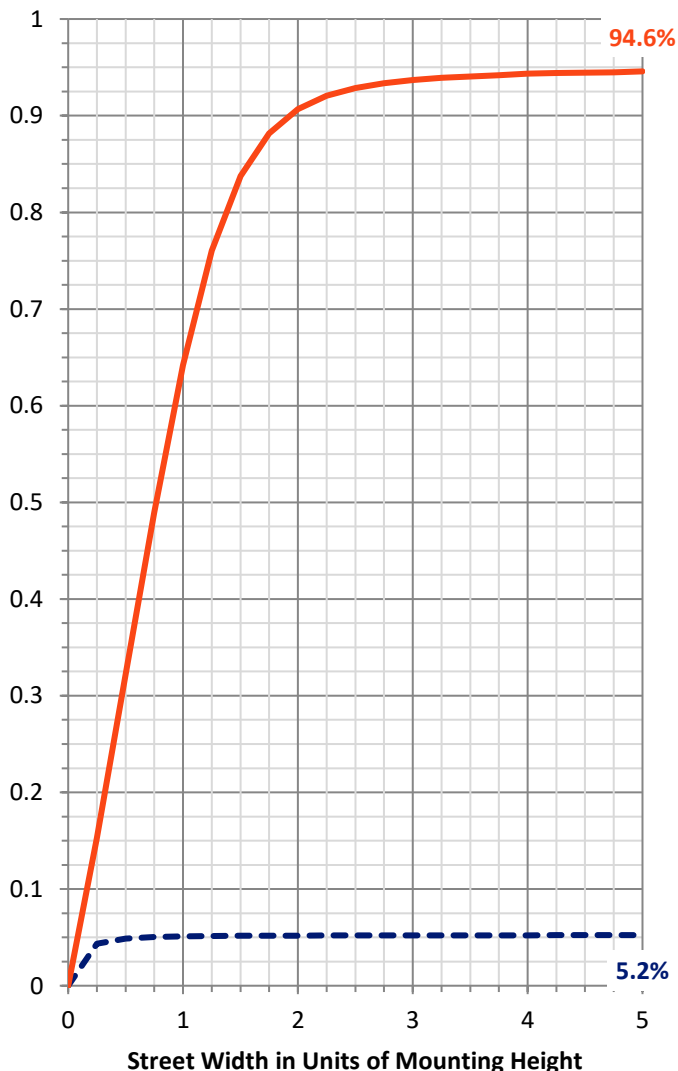
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	163.6	0.0	163.6
	% Fixture	5.3	0.0	5.3
<b>Street Side</b>	Lumens	2932.5	0.0	2932.5
	% Fixture	94.7	0.0	94.7
<b>Total</b>	Lumens	3096.1	0.0	3096.1
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	35.9	1.2
10°-20°	89.3	2.9
20°-30°	169.8	5.5
30°-40°	377.4	12.2
40°-50°	608.4	19.7
50°-60°	733.3	23.7
60°-70°	664.6	21.5
70°-80°	396.1	12.8
80°-90°	21.4	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°	3096.1	100.0
0°-180°	3096.1	100.0

**Coefficient of Utilization**



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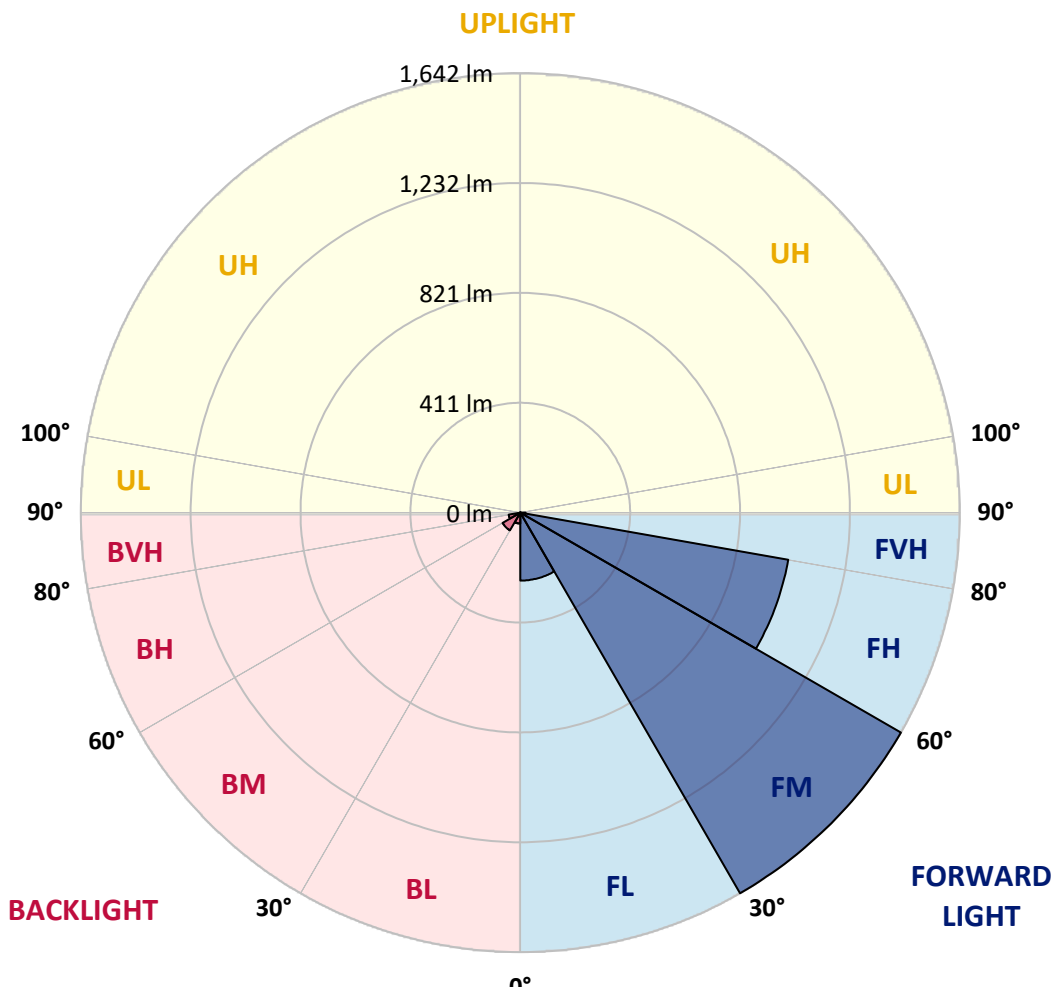
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	253.9	8.2			
FM (30°-60°)	1642.5	53.0			
FH (60°-80°)	1016.6	32.8			G1/1800
FVH (80°-90°)	19.5	0.6			G1/100
BL (0°-30°)	41.1	1.3	B0/110		
BM (30°-60°)	76.6	2.5	B0/220		
BH (60°-80°)	44.1	1.4	B0/110		G0/110
BVH (80°-90°)	1.8	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-G1**

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°	454.3	454.3	454.3	454.3	454.3	454.3	454.3	454.3	454.3	454.3	454.3
2.5°	504.1	515.2	526.3	530.5	536.0	540.2	544.3	548.5	552.6	555.4	559.5
5°	573.4	572.0	570.6	569.2	569.2	567.9	566.5	565.1	563.7	560.9	559.5
7.5°	502.8	538.8	573.4	574.8	576.2	576.2	577.5	585.9	594.2	601.1	609.4
10°	653.7	653.7	653.7	653.7	653.7	652.3	652.3	653.7	653.7	655.1	655.1
12.5°	549.8	558.2	565.1	590.0	613.6	638.5	662.0	667.6	673.1	677.3	682.8
15°	664.8	667.6	670.3	671.7	673.1	673.1	674.5	653.7	633.0	612.2	591.4
17.5°	526.3	529.1	530.5	548.5	566.5	584.5	602.5	612.2	623.3	633.0	642.6
20°	674.5	675.9	677.3	678.7	680.0	680.0	681.4	637.1	592.8	548.5	504.1
22.5°	563.7	565.1	565.1	569.2	572.0	576.2	578.9	595.6	612.2	628.8	645.4
25°	774.2	774.2	772.8	765.9	760.4	753.4	746.5	705.0	663.4	620.5	578.9
27.5°	720.2	721.6	721.6	716.1	710.5	705.0	699.4	707.7	717.4	725.7	734.1
30°	1038.8	1038.8	1038.8	1031.8	1023.5	1016.6	1008.3	947.3	886.4	824.1	763.1
32.5°	1396.1	1371.2	1344.8	1295.0	1245.1	1193.9	1144.0	1106.6	1069.2	1030.4	993.1
35°	1555.4	1551.2	1547.1	1529.1	1511.0	1491.7	1473.7	1401.6	1329.6	1256.2	1184.2
37.5°	1689.7	1684.2	1677.2	1663.4	1649.5	1635.7	1621.8	1548.4	1473.7	1400.2	1325.5
40°	1797.7	1793.6	1789.4	1778.4	1767.3	1756.2	1745.1	1666.2	1587.2	1508.3	1429.3
42.5°	1875.3	1875.3	1873.9	1865.6	1855.9	1847.6	1837.9	1759.0	1680.0	1601.1	1522.1
45°	1933.5	1933.5	1933.5	1927.9	1921.0	1915.5	1908.5	1839.3	1771.4	1702.2	1632.9
47.5°	1941.8	1943.2	1944.6	1944.6	1944.6	1944.6	1944.6	1879.5	1815.8	1750.7	1685.6
50°	1865.6	1869.8	1873.9	1880.8	1889.2	1896.1	1903.0	1871.2	1837.9	1806.1	1772.8
52.5°	1662.0	1680.0	1696.6	1714.6	1732.6	1749.3	1767.3	1754.8	1742.3	1729.9	1717.4
55°	1264.5	1275.6	1285.3	1336.5	1387.8	1439.0	1490.3	1512.4	1533.2	1555.4	1576.1
57.5°	982.0	986.1	988.9	1022.1	1055.4	1087.2	1120.5	1175.9	1231.3	1285.3	1340.7
60°	789.5	789.5	789.5	808.8	826.9	846.2	864.2	914.1	964.0	1013.8	1063.7
62.5°	587.2	592.8	598.3	617.7	635.7	655.1	673.1	698.0	723.0	747.9	772.8
65°	407.2	414.1	419.7	432.1	446.0	458.4	470.9	491.7	513.8	534.6	555.4
67.5°	286.7	289.5	292.2	299.2	304.7	311.6	317.2	331.0	343.5	357.3	369.8
70°	203.6	205.0	205.0	210.5	216.1	221.6	227.1	232.7	238.2	242.4	247.9
72.5°	148.2	149.6	151.0	155.1	157.9	162.0	164.8	167.6	170.4	173.1	175.9
75°	76.2	78.9	80.3	91.4	102.5	113.6	124.7	126.0	127.4	127.4	128.8
77.5°	63.7	65.1	65.1	66.5	67.9	69.3	70.6	77.6	85.9	92.8	99.7
80°	45.7	45.7	44.3	47.1	49.9	52.6	55.4	58.2	60.9	62.3	65.1
82.5°	26.3	27.7	27.7	29.1	30.5	31.9	33.2	36.0	40.2	42.9	45.7
85°	2.8	4.2	5.5	8.3	11.1	13.9	16.6	20.8	23.5	27.7	30.5
87.5°	1.4	1.4	1.4	1.4	2.8	2.8	2.8	4.2	4.2	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):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	454.3	454.3	454.3	454.3	454.3	454.3	454.3	454.3	454.3	454.3	454.3
2.5°	562.3	565.1	566.5	569.2	567.9	565.1	563.7	560.9	556.8	552.6	547.1
5°	556.8	554.0	551.2	548.5	544.3	541.5	537.4	533.2	527.7	523.5	518.0
7.5°	609.4	608.0	608.0	606.6	602.5	599.7	595.6	591.4	584.5	577.5	570.6
10°	624.6	594.2	562.3	531.8	538.8	545.7	552.6	559.5	538.8	518.0	495.8
12.5°	669.0	655.1	641.3	627.4	605.3	581.7	559.5	536.0	524.9	512.5	501.4
15°	576.2	562.3	547.1	531.8	541.5	551.2	560.9	570.6	538.8	505.5	473.7
17.5°	630.2	616.3	603.9	590.0	551.2	512.5	472.3	433.5	466.7	498.6	531.8
20°	515.2	526.3	536.0	547.1	560.9	574.8	587.2	601.1	584.5	567.9	551.2
22.5°	623.3	602.5	580.3	558.2	567.9	577.5	585.9	595.6	576.2	556.8	536.0
25°	601.1	624.6	646.8	669.0	634.3	601.1	566.5	531.8	562.3	592.8	623.3
27.5°	702.2	670.3	637.1	605.3	634.3	663.4	691.1	720.2	693.9	666.2	639.9
30°	759.0	754.8	749.3	745.1	729.9	716.1	700.8	685.6	693.9	702.2	710.5
32.5°	946.0	900.3	853.2	806.1	817.2	828.2	837.9	849.0	836.5	824.1	810.2
35°	1123.2	1062.3	1000.0	939.0	937.7	934.9	933.5	930.7	925.2	919.6	914.1
37.5°	1256.2	1187.0	1117.7	1048.5	1049.8	1049.8	1051.2	1051.2	1031.8	1012.4	993.1
40°	1365.6	1301.9	1238.2	1174.5	1169.0	1163.4	1157.9	1152.3	1126.0	1098.3	1072.0
42.5°	1458.4	1396.1	1332.4	1268.7	1259.0	1250.7	1241.0	1231.3	1209.1	1185.6	1163.4
45°	1559.5	1486.1	1412.7	1339.3	1331.0	1322.7	1314.4	1306.1	1288.1	1270.1	1252.1
47.5°	1612.2	1538.7	1464.0	1390.6	1385.0	1378.1	1372.5	1365.6	1355.9	1344.8	1335.2
50°	1686.9	1602.5	1516.6	1430.7	1427.9	1425.2	1421.0	1418.3	1415.5	1414.1	1411.3
52.5°	1652.3	1585.8	1520.7	1454.3	1455.6	1455.6	1457.0	1457.0	1464.0	1470.9	1477.8
55°	1541.5	1508.3	1473.7	1439.0	1446.0	1454.3	1461.2	1468.1	1486.1	1502.7	1520.7
57.5°	1346.2	1351.8	1357.3	1362.9	1387.8	1411.3	1436.3	1459.8	1486.1	1511.0	1537.4
60°	1094.2	1124.6	1153.7	1184.2	1242.4	1300.5	1358.7	1416.9	1457.0	1495.8	1536.0
62.5°	815.8	858.7	901.6	944.6	1034.6	1126.0	1216.0	1306.1	1367.0	1426.6	1487.5
65°	595.6	635.7	674.5	714.7	822.7	930.7	1038.8	1146.8	1234.0	1319.9	1407.2
67.5°	398.9	428.0	455.7	484.8	594.2	703.6	813.0	922.4	1042.9	1163.4	1282.5
70°	263.2	277.0	292.2	306.1	400.3	493.1	587.2	680.0	822.7	964.0	1106.6
72.5°	180.1	184.2	188.4	192.5	256.2	319.9	383.6	447.4	591.4	735.4	878.1
75°	128.8	127.4	127.4	126.0	163.4	200.8	236.8	274.2	386.4	497.2	609.4
77.5°	98.3	95.6	94.2	91.4	109.4	127.4	145.4	163.4	216.1	270.1	322.7
80°	62.3	59.6	55.4	52.6	59.6	66.5	73.4	80.3	88.6	97.0	105.3
82.5°	45.7	45.7	45.7	45.7	45.7	47.1	47.1	47.1	44.3	41.6	37.4
85°	29.1	27.7	26.3	24.9	22.2	19.4	16.6	13.9	15.2	16.6	16.6
87.5°	5.5	4.2	4.2	2.8	2.8	2.8	2.8	2.8	4.2	4.2	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





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**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	454.3	454.3	454.3	454.3	454.3	454.3	454.3	454.3	454.3	454.3	454.3
2.5°	542.9	537.4	531.8	526.3	520.8	515.2	509.7	504.1	498.6	490.3	483.4
5°	512.5	527.7	544.3	559.5	574.8	566.5	558.2	549.8	541.5	527.7	513.8
7.5°	563.7	545.7	529.1	512.5	494.4	498.6	502.8	506.9	511.1	498.6	482.0
10°	475.1	465.4	455.7	446.0	436.3	430.7	423.8	418.3	411.3	446.0	432.1
12.5°	488.9	484.8	480.6	475.1	470.9	443.2	416.9	389.2	361.5	350.4	354.6
15°	440.4	436.3	432.1	428.0	423.8	437.7	452.9	466.7	480.6	477.8	475.1
17.5°	563.7	545.7	529.1	511.1	493.1	484.8	475.1	466.7	457.1	441.8	437.7
20°	534.6	515.2	495.8	476.4	457.1	476.4	494.4	513.8	531.8	563.7	554.0
22.5°	516.6	548.5	581.7	613.6	645.4	614.9	585.9	555.4	524.9	534.6	487.5
25°	653.7	630.2	608.0	584.5	560.9	591.4	621.9	652.3	682.8	669.0	646.8
27.5°	612.2	635.7	657.9	681.4	703.6	714.7	727.1	738.2	749.3	721.6	727.1
30°	718.8	747.9	775.6	804.7	832.4	883.6	933.5	984.7	1034.6	1023.5	979.2
32.5°	797.8	846.2	894.7	941.8	990.3	1019.4	1049.8	1078.9	1108.0	1110.8	1055.4
35°	908.6	941.8	975.0	1008.3	1041.5	1085.8	1128.8	1173.1	1216.0	1191.1	1128.8
37.5°	973.7	1008.3	1044.3	1078.9	1113.5	1167.6	1221.6	1274.2	1328.2	1274.2	1206.3
40°	1044.3	1081.7	1120.5	1157.9	1195.3	1250.7	1304.7	1360.1	1414.1	1411.3	1318.5
42.5°	1139.9	1177.3	1216.0	1253.4	1290.8	1349.0	1407.2	1464.0	1522.1	1520.7	1415.5
45°	1234.0	1268.7	1301.9	1336.5	1369.8	1436.3	1502.7	1569.2	1635.7	1642.6	1523.5
47.5°	1324.1	1354.5	1385.0	1415.5	1446.0	1537.4	1627.4	1718.8	1808.8	1765.9	1637.1
50°	1408.6	1439.0	1469.5	1500.0	1530.4	1637.1	1745.1	1851.8	1958.4	1901.6	1763.1
52.5°	1484.7	1522.1	1560.9	1598.3	1635.7	1752.0	1868.4	1984.7	2101.1	2042.9	1900.2
55°	1537.4	1590.0	1641.2	1693.9	1745.1	1873.9	2004.1	2132.9	2261.7	2195.2	2030.4
57.5°	1562.3	1624.6	1688.3	1750.7	1813.0	1945.9	2080.3	2213.2	2346.2	2279.7	2110.8
60°	1574.8	1646.8	1718.8	1789.4	1861.5	2005.5	2150.9	2295.0	2439.0	2382.2	2210.5
62.5°	1547.1	1638.5	1731.3	1822.7	1914.1	2067.8	2221.6	2373.9	2527.6	2490.3	2326.8
65°	1493.0	1613.5	1735.4	1855.9	1976.4	2159.2	2342.1	2523.5	2706.3	2666.1	2502.7
67.5°	1403.0	1560.9	1718.8	1876.7	2034.6	2261.7	2487.5	2714.6	2940.4	2900.2	2713.2
70°	1247.9	1446.0	1644.0	1840.7	2038.7	2304.7	2572.0	2837.9	3103.8	3051.2	2829.6
72.5°	1022.1	1245.1	1468.1	1689.7	1912.7	2196.6	2481.9	2765.9	3049.8	2950.1	2698.0
75°	720.2	923.8	1127.4	1329.6	1533.2	1782.5	2031.8	2279.7	2529.0	2401.6	2155.1
77.5°	375.3	501.4	626.0	752.1	876.7	1072.0	1265.9	1461.2	1655.1	1426.6	1241.0
80°	113.6	166.2	217.4	270.1	321.3	367.0	412.7	457.1	502.8	374.0	310.2
82.5°	34.6	45.7	55.4	66.5	76.2	76.2	76.2	74.8	74.8	59.6	49.9
85°	18.0	19.4	19.4	20.8	20.8	20.8	19.4	19.4	18.0	18.0	15.2
87.5°	5.5	5.5	6.9	6.9	6.9	6.9	6.9	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



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CATALOG NUMBER: SDL-PA1-30-750-U-T2R-HSS

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	454.3	454.3	454.3	454.3	454.3	454.3	454.3	454.3	454.3	454.3	454.3
2.5°	477.8	470.9	464.0	455.7	447.4	439.0	430.7	422.4	414.1	405.8	398.9
5°	501.4	487.5	473.7	458.4	441.8	425.2	410.0	394.7	378.1	362.9	349.0
7.5°	465.4	448.7	428.0	407.2	386.4	365.6	343.5	322.7	300.5	278.4	260.4
10°	416.9	403.0	380.9	357.3	332.4	306.1	277.0	247.9	218.8	189.7	177.3
12.5°	357.3	361.5	337.9	314.4	288.1	261.8	234.1	206.4	177.3	149.6	141.3
15°	472.3	469.5	439.0	408.6	368.4	328.2	288.1	246.5	206.4	164.8	144.0
17.5°	432.1	428.0	394.7	361.5	325.5	289.5	252.1	213.3	175.9	137.1	117.7
20°	545.7	536.0	494.4	451.5	398.9	344.9	292.2	239.6	187.0	134.3	112.2
22.5°	440.4	393.3	360.1	326.9	285.3	242.4	207.8	171.7	137.1	101.1	87.3
25°	623.3	601.1	544.3	486.1	412.7	339.3	279.8	220.2	160.7	101.1	84.5
27.5°	732.7	738.2	660.7	583.1	490.3	397.5	319.9	242.4	164.8	87.3	74.8
30°	934.9	890.6	799.2	706.4	576.2	444.6	353.2	261.8	170.4	78.9	67.9
32.5°	1001.4	946.0	842.1	736.8	584.5	430.7	339.3	247.9	155.1	63.7	56.8
35°	1067.8	1005.5	886.4	767.3	592.8	416.9	325.5	235.5	144.0	52.6	48.5
37.5°	1138.5	1070.6	937.7	803.3	601.1	398.9	311.6	223.0	135.7	47.1	42.9
40°	1227.1	1134.3	987.5	839.3	609.4	379.5	295.0	211.9	127.4	42.9	38.8
42.5°	1311.6	1206.3	1042.9	878.1	619.1	360.1	279.8	200.8	120.5	40.2	36.0
45°	1405.8	1286.7	1109.4	930.7	633.0	335.2	260.4	185.6	110.8	36.0	31.9
47.5°	1508.3	1379.5	1181.4	983.4	646.8	310.2	241.0	173.1	103.9	34.6	30.5
50°	1624.6	1486.1	1268.7	1049.8	674.5	297.8	231.3	164.8	98.3	31.9	27.7
52.5°	1759.0	1616.3	1372.5	1127.4	707.7	286.7	223.0	157.9	94.2	29.1	24.9
55°	1867.0	1702.2	1432.1	1160.6	714.7	267.3	207.8	146.8	87.3	26.3	23.5
57.5°	1943.2	1774.2	1488.9	1203.6	727.1	249.3	192.5	137.1	80.3	23.5	20.8
60°	2037.4	1865.6	1559.5	1252.1	742.4	232.7	180.1	127.4	73.4	20.8	18.0
62.5°	2163.4	2000.0	1660.6	1319.9	767.3	213.3	164.8	116.3	66.5	18.0	16.6
65°	2337.9	2174.5	1779.7	1385.0	790.8	195.3	151.0	106.6	60.9	16.6	15.2
67.5°	2524.9	2337.9	1873.9	1408.6	790.8	173.1	134.3	94.2	55.4	15.2	13.9
70°	2608.0	2386.4	1858.7	1329.6	734.1	138.5	108.0	76.2	45.7	13.9	12.5
72.5°	2447.3	2195.2	1652.3	1109.4	598.3	87.3	67.9	49.9	30.5	11.1	9.7
75°	1907.2	1660.6	1232.7	803.3	423.8	42.9	34.6	26.3	16.6	8.3	6.9
77.5°	1056.8	871.2	633.0	394.7	210.5	24.9	20.8	16.6	11.1	6.9	6.9
80°	247.9	184.2	134.3	83.1	49.9	15.2	12.5	11.1	8.3	5.5	5.5
82.5°	40.2	30.5	22.2	13.9	11.1	8.3	6.9	6.9	5.5	4.2	4.2
85°	12.5	9.7	8.3	5.5	5.5	4.2	4.2	4.2	2.8	2.8	2.8
87.5°	4.2	4.2	4.2	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
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):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	454.3	454.3	454.3	454.3	454.3	454.3	454.3	454.3	454.3	454.3	454.3
2.5°	390.6	383.6	375.3	369.8	364.3	357.3	351.8	346.3	340.7	335.2	329.6
5°	335.2	319.9	306.1	288.1	268.7	250.7	231.3	223.0	216.1	207.8	199.4
7.5°	242.4	224.4	206.4	199.4	192.5	184.2	177.3	170.4	163.4	156.5	149.6
10°	166.2	153.7	141.3	135.7	130.2	123.3	117.7	112.2	106.6	99.7	94.2
12.5°	133.0	123.3	115.0	105.3	95.6	85.9	76.2	73.4	70.6	66.5	63.7
15°	121.9	101.1	78.9	72.0	66.5	59.6	52.6	51.2	51.2	49.9	48.5
17.5°	98.3	78.9	59.6	56.8	52.6	49.9	45.7	42.9	40.2	37.4	34.6
20°	90.0	67.9	45.7	44.3	42.9	40.2	38.8	37.4	37.4	36.0	34.6
22.5°	74.8	60.9	47.1	42.9	38.8	34.6	30.5	30.5	31.9	31.9	31.9
25°	67.9	51.2	34.6	34.6	33.2	33.2	31.9	30.5	27.7	26.3	23.5
27.5°	62.3	49.9	37.4	34.6	31.9	29.1	26.3	26.3	24.9	24.9	23.5
30°	58.2	47.1	36.0	33.2	31.9	29.1	26.3	24.9	23.5	20.8	19.4
32.5°	51.2	44.3	37.4	34.6	30.5	27.7	23.5	22.2	20.8	18.0	16.6
35°	44.3	38.8	34.6	31.9	27.7	24.9	20.8	19.4	18.0	16.6	15.2
37.5°	38.8	34.6	30.5	27.7	24.9	20.8	18.0	16.6	15.2	13.9	12.5
40°	34.6	30.5	26.3	23.5	20.8	18.0	15.2	13.9	13.9	12.5	11.1
42.5°	31.9	27.7	23.5	20.8	19.4	16.6	13.9	12.5	11.1	9.7	8.3
45°	29.1	24.9	20.8	19.4	16.6	15.2	12.5	11.1	9.7	8.3	6.9
47.5°	26.3	22.2	18.0	16.6	15.2	12.5	11.1	9.7	8.3	6.9	5.5
50°	24.9	20.8	16.6	15.2	13.9	11.1	9.7	8.3	8.3	6.9	5.5
52.5°	22.2	18.0	13.9	12.5	11.1	9.7	8.3	6.9	6.9	5.5	4.2
55°	19.4	16.6	12.5	11.1	9.7	8.3	6.9	5.5	5.5	4.2	2.8
57.5°	18.0	13.9	11.1	9.7	8.3	6.9	5.5	5.5	4.2	4.2	2.8
60°	15.2	12.5	9.7	8.3	6.9	5.5	4.2	4.2	2.8	2.8	1.4
62.5°	13.9	12.5	9.7	8.3	6.9	5.5	4.2	4.2	2.8	2.8	1.4
65°	12.5	11.1	8.3	6.9	6.9	5.5	4.2	4.2	2.8	2.8	1.4
67.5°	12.5	9.7	8.3	6.9	5.5	4.2	2.8	2.8	2.8	1.4	1.4
70°	9.7	8.3	5.5	5.5	4.2	4.2	2.8	2.8	2.8	1.4	1.4
72.5°	8.3	6.9	5.5	5.5	4.2	4.2	2.8	2.8	2.8	1.4	1.4
75°	6.9	5.5	4.2	4.2	4.2	2.8	2.8	2.8	2.8	1.4	1.4
77.5°	5.5	5.5	4.2	4.2	4.2	2.8	2.8	2.8	2.8	1.4	1.4
80°	4.2	4.2	2.8	2.8	2.8	2.8	2.8	2.8	2.8	1.4	1.4
82.5°	4.2	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	1.4	1.4
85°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	1.4	1.4
87.5°	2.8	2.8	2.8	2.8	4.2	4.2	4.2	4.2	2.8	2.8	1.4
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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**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	454.3	454.3	454.3	454.3	454.3	454.3	454.3	454.3	454.3	454.3	454.3
2.5°	324.1	317.2	311.6	304.7	295.0	283.9	274.2	263.2	261.8	260.4	257.6
5°	195.3	191.1	187.0	182.8	180.1	177.3	174.5	171.7	169.0	167.6	164.8
7.5°	144.0	138.5	133.0	127.4	123.3	120.5	116.3	112.2	109.4	105.3	102.5
10°	88.6	81.7	76.2	69.3	72.0	74.8	76.2	78.9	78.9	77.6	77.6
12.5°	63.7	63.7	63.7	63.7	63.7	63.7	62.3	62.3	62.3	60.9	60.9
15°	47.1	45.7	44.3	42.9	42.9	42.9	41.6	41.6	44.3	45.7	48.5
17.5°	36.0	37.4	37.4	38.8	40.2	41.6	41.6	42.9	42.9	44.3	44.3
20°	34.6	34.6	33.2	33.2	31.9	31.9	30.5	29.1	30.5	33.2	34.6
22.5°	30.5	27.7	26.3	23.5	24.9	27.7	29.1	30.5	30.5	30.5	30.5
25°	24.9	24.9	26.3	26.3	24.9	23.5	22.2	20.8	22.2	23.5	23.5
27.5°	22.2	20.8	19.4	18.0	19.4	19.4	20.8	20.8	20.8	20.8	19.4
30°	19.4	19.4	18.0	18.0	18.0	16.6	16.6	15.2	16.6	16.6	18.0
32.5°	16.6	15.2	15.2	13.9	13.9	15.2	15.2	15.2	15.2	15.2	15.2
35°	15.2	13.9	13.9	12.5	12.5	12.5	12.5	12.5	13.9	13.9	15.2
37.5°	12.5	11.1	11.1	9.7	9.7	11.1	11.1	11.1	11.1	12.5	12.5
40°	11.1	9.7	9.7	8.3	8.3	9.7	9.7	9.7	9.7	11.1	11.1
42.5°	8.3	8.3	6.9	6.9	6.9	8.3	8.3	8.3	8.3	9.7	9.7
45°	6.9	6.9	5.5	5.5	5.5	6.9	6.9	6.9	6.9	6.9	6.9
47.5°	5.5	5.5	4.2	4.2	4.2	5.5	5.5	5.5	5.5	5.5	5.5
50°	5.5	4.2	4.2	2.8	2.8	4.2	4.2	4.2	4.2	4.2	4.2
52.5°	4.2	4.2	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
55°	2.8	2.8	1.4	1.4	1.4	2.8	2.8	2.8	2.8	2.8	1.4
57.5°	2.8	2.8	1.4	1.4	1.4	2.8	2.8	2.8	2.8	2.8	1.4
60°	1.4	1.4	1.4	1.4	1.4	2.8	2.8	2.8	2.8	2.8	1.4
62.5°	1.4	1.4	1.4	1.4	1.4	2.8	2.8	2.8	2.8	2.8	2.8
65°	1.4	1.4	1.4	1.4	2.8	2.8	4.2	4.2	4.2	4.2	2.8
67.5°	1.4	1.4	1.4	1.4	2.8	2.8	4.2	4.2	4.2	2.8	2.8
70°	1.4	2.8	2.8	2.8	2.8	4.2	4.2	4.2	4.2	4.2	2.8
72.5°	1.4	2.8	2.8	2.8	2.8	4.2	4.2	4.2	4.2	4.2	2.8
75°	2.8	2.8	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	2.8
77.5°	2.8	2.8	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	2.8
80°	2.8	2.8	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	2.8
82.5°	2.8	2.8	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	2.8
85°	2.8	4.2	4.2	5.5	5.5	5.5	4.2	4.2	4.2	4.2	2.8
87.5°	2.8	4.2	4.2	5.5	5.5	5.5	4.2	4.2	4.2	4.2	2.8
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):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	454.3	454.3	454.3	454.3	454.3	454.3	454.3	454.3	454.3	454.3	454.3
2.5°	256.2	253.5	250.7	246.5	243.8	246.5	249.3	246.5	243.8	246.5	250.7
5°	162.0	160.7	160.7	159.3	157.9	157.9	156.5	157.9	157.9	159.3	160.7
7.5°	98.3	97.0	95.6	92.8	91.4	94.2	95.6	94.2	91.4	92.8	95.6
10°	76.2	76.2	74.8	74.8	73.4	73.4	73.4	73.4	73.4	74.8	74.8
12.5°	59.6	58.2	56.8	55.4	54.0	56.8	58.2	56.8	54.0	55.4	56.8
15°	49.9	49.9	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
17.5°	44.3	42.9	42.9	41.6	40.2	40.2	38.8	40.2	40.2	41.6	42.9
20°	36.0	36.0	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
22.5°	30.5	29.1	29.1	27.7	26.3	26.3	24.9	26.3	26.3	27.7	29.1
25°	24.9	24.9	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3
27.5°	19.4	19.4	19.4	18.0	18.0	18.0	18.0	18.0	18.0	18.0	19.4
30°	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
32.5°	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
35°	15.2	15.2	15.2	13.9	13.9	13.9	13.9	13.9	13.9	13.9	15.2
37.5°	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
40°	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
42.5°	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
45°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
47.5°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
50°	4.2	4.2	4.2	2.8	2.8	2.8	2.8	2.8	2.8	2.8	4.2
52.5°	2.8	2.8	2.8	1.4	1.4	1.4	1.4	1.4	1.4	1.4	2.8
55°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
57.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
60°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
62.5°	2.8	2.8	2.8	1.4	1.4	1.4	1.4	1.4	1.4	1.4	2.8
65°	2.8	2.8	1.4	1.4	0.0	0.0	0.0	0.0	0.0	1.4	1.4
67.5°	1.4	1.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4
70°	2.8	2.8	1.4	1.4	0.0	0.0	0.0	0.0	0.0	1.4	1.4
72.5°	2.8	2.8	1.4	1.4	0.0	0.0	0.0	0.0	0.0	1.4	1.4
75°	2.8	2.8	1.4	1.4	0.0	0.0	0.0	0.0	0.0	1.4	1.4
77.5°	2.8	2.8	2.8	1.4	1.4	1.4	0.0	1.4	1.4	1.4	2.8
80°	2.8	2.8	2.8	1.4	1.4	1.4	0.0	1.4	1.4	1.4	2.8
82.5°	2.8	2.8	2.8	1.4	1.4	1.4	0.0	1.4	1.4	1.4	2.8
85°	2.8	2.8	2.8	1.4	1.4	1.4	0.0	1.4	1.4	1.4	2.8
87.5°	2.8	2.8	2.8	1.4	1.4	1.4	0.0	1.4	1.4	1.4	2.8
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):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	454.3	454.3	454.3	454.3	454.3	454.3	454.3	454.3	454.3	454.3	454.3
2.5°	253.5	256.2	257.6	260.4	261.8	263.2	274.2	283.9	295.0	304.7	311.6
5°	160.7	162.0	164.8	167.6	169.0	171.7	174.5	177.3	180.1	182.8	187.0
7.5°	97.0	98.3	102.5	105.3	109.4	112.2	116.3	120.5	123.3	127.4	133.0
10°	76.2	76.2	77.6	77.6	78.9	78.9	76.2	74.8	72.0	69.3	76.2
12.5°	58.2	59.6	60.9	60.9	62.3	62.3	62.3	63.7	63.7	63.7	63.7
15°	49.9	49.9	48.5	45.7	44.3	41.6	41.6	42.9	42.9	42.9	44.3
17.5°	42.9	44.3	44.3	44.3	42.9	42.9	41.6	41.6	40.2	38.8	37.4
20°	36.0	36.0	34.6	33.2	30.5	29.1	30.5	31.9	31.9	33.2	33.2
22.5°	29.1	30.5	30.5	30.5	30.5	30.5	29.1	27.7	24.9	23.5	26.3
25°	24.9	24.9	23.5	23.5	22.2	20.8	22.2	23.5	24.9	26.3	26.3
27.5°	19.4	19.4	19.4	20.8	20.8	20.8	20.8	19.4	19.4	18.0	19.4
30°	18.0	18.0	18.0	16.6	16.6	15.2	16.6	16.6	18.0	18.0	18.0
32.5°	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	13.9	13.9	15.2
35°	15.2	15.2	15.2	13.9	13.9	12.5	12.5	12.5	12.5	12.5	13.9
37.5°	12.5	12.5	12.5	12.5	11.1	11.1	11.1	11.1	9.7	9.7	11.1
40°	11.1	11.1	11.1	11.1	9.7	9.7	9.7	9.7	8.3	8.3	9.7
42.5°	9.7	9.7	9.7	9.7	8.3	8.3	8.3	8.3	6.9	6.9	6.9
45°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	5.5	5.5	5.5
47.5°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	4.2	4.2	4.2
50°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	2.8	2.8	4.2
52.5°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
55°	1.4	1.4	1.4	2.8	2.8	2.8	2.8	2.8	1.4	1.4	1.4
57.5°	1.4	1.4	1.4	2.8	2.8	2.8	2.8	2.8	1.4	1.4	1.4
60°	1.4	1.4	1.4	2.8	2.8	2.8	2.8	2.8	1.4	1.4	1.4
62.5°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	1.4	1.4	1.4
65°	2.8	2.8	2.8	4.2	4.2	4.2	4.2	2.8	2.8	1.4	1.4
67.5°	1.4	1.4	2.8	2.8	4.2	4.2	4.2	2.8	2.8	1.4	1.4
70°	2.8	2.8	2.8	4.2	4.2	4.2	4.2	4.2	2.8	2.8	2.8
72.5°	2.8	2.8	2.8	4.2	4.2	4.2	4.2	4.2	2.8	2.8	2.8
75°	2.8	2.8	2.8	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
77.5°	2.8	2.8	2.8	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
80°	2.8	2.8	2.8	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
82.5°	2.8	2.8	2.8	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
85°	2.8	2.8	2.8	4.2	4.2	4.2	4.2	5.5	5.5	5.5	4.2
87.5°	2.8	2.8	2.8	4.2	4.2	4.2	4.2	5.5	5.5	5.5	4.2
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-PA1-30-750-U-T2R-HSS

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	454.3	454.3	454.3	454.3	454.3	454.3	454.3	454.3	454.3	454.3	454.3
2.5°	317.2	324.1	329.6	335.2	340.7	346.3	351.8	357.3	364.3	369.8	375.3
5°	191.1	195.3	199.4	207.8	216.1	223.0	231.3	250.7	268.7	288.1	306.1
7.5°	138.5	144.0	149.6	156.5	163.4	170.4	177.3	184.2	192.5	199.4	206.4
10°	81.7	88.6	94.2	99.7	106.6	112.2	117.7	123.3	130.2	135.7	141.3
12.5°	63.7	63.7	63.7	66.5	70.6	73.4	76.2	85.9	95.6	105.3	115.0
15°	45.7	47.1	48.5	49.9	51.2	51.2	52.6	59.6	66.5	72.0	78.9
17.5°	37.4	36.0	34.6	37.4	40.2	42.9	45.7	49.9	52.6	56.8	59.6
20°	34.6	34.6	34.6	36.0	37.4	37.4	38.8	40.2	42.9	44.3	45.7
22.5°	27.7	30.5	31.9	31.9	31.9	30.5	30.5	34.6	38.8	42.9	47.1
25°	24.9	24.9	23.5	26.3	27.7	30.5	31.9	33.2	33.2	34.6	34.6
27.5°	20.8	22.2	23.5	24.9	24.9	26.3	26.3	29.1	31.9	34.6	37.4
30°	19.4	19.4	19.4	20.8	23.5	24.9	26.3	29.1	31.9	33.2	36.0
32.5°	15.2	16.6	16.6	18.0	20.8	22.2	23.5	27.7	30.5	34.6	37.4
35°	13.9	15.2	15.2	16.6	18.0	19.4	20.8	24.9	27.7	31.9	34.6
37.5°	11.1	12.5	12.5	13.9	15.2	16.6	18.0	20.8	24.9	27.7	30.5
40°	9.7	11.1	11.1	12.5	13.9	13.9	15.2	18.0	20.8	23.5	26.3
42.5°	8.3	8.3	8.3	9.7	11.1	12.5	13.9	16.6	19.4	20.8	23.5
45°	6.9	6.9	6.9	8.3	9.7	11.1	12.5	15.2	16.6	19.4	20.8
47.5°	5.5	5.5	5.5	6.9	8.3	9.7	11.1	12.5	15.2	16.6	18.0
50°	4.2	5.5	5.5	6.9	8.3	8.3	9.7	11.1	13.9	15.2	16.6
52.5°	4.2	4.2	4.2	5.5	6.9	6.9	8.3	9.7	11.1	12.5	13.9
55°	2.8	2.8	2.8	4.2	5.5	5.5	6.9	8.3	9.7	11.1	12.5
57.5°	2.8	2.8	2.8	4.2	4.2	5.5	5.5	6.9	8.3	9.7	11.1
60°	1.4	1.4	1.4	2.8	2.8	4.2	4.2	5.5	6.9	8.3	9.7
62.5°	1.4	1.4	1.4	2.8	2.8	4.2	4.2	5.5	6.9	8.3	9.7
65°	1.4	1.4	1.4	2.8	2.8	4.2	4.2	5.5	6.9	6.9	8.3
67.5°	1.4	1.4	1.4	1.4	2.8	2.8	2.8	4.2	5.5	6.9	8.3
70°	2.8	1.4	1.4	1.4	2.8	2.8	2.8	4.2	4.2	5.5	5.5
72.5°	2.8	1.4	1.4	1.4	2.8	2.8	2.8	4.2	4.2	5.5	5.5
75°	2.8	2.8	1.4	1.4	2.8	2.8	2.8	2.8	4.2	4.2	4.2
77.5°	2.8	2.8	1.4	1.4	2.8	2.8	2.8	2.8	4.2	4.2	4.2
80°	2.8	2.8	1.4	1.4	2.8	2.8	2.8	2.8	2.8	2.8	2.8
82.5°	2.8	2.8	1.4	1.4	2.8	2.8	2.8	2.8	2.8	2.8	2.8
85°	4.2	2.8	1.4	1.4	2.8	2.8	2.8	2.8	2.8	2.8	2.8
87.5°	4.2	2.8	1.4	2.8	2.8	4.2	4.2	4.2	4.2	2.8	2.8
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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 CATALOG NUMBER: SDL-PA1-30-750-U-T2R-HSS

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	454.3	454.3	454.3	454.3	454.3	454.3	454.3	454.3	454.3	454.3	454.3
2.5°	383.6	390.6	398.9	405.8	414.1	422.4	430.7	439.0	447.4	455.7	464.0
5°	319.9	335.2	349.0	362.9	378.1	394.7	410.0	425.2	441.8	458.4	473.7
7.5°	224.4	242.4	260.4	278.4	300.5	322.7	343.5	365.6	386.4	407.2	428.0
10°	153.7	166.2	177.3	189.7	218.8	247.9	277.0	306.1	332.4	357.3	380.9
12.5°	123.3	133.0	141.3	149.6	177.3	206.4	234.1	261.8	288.1	314.4	337.9
15°	101.1	121.9	144.0	164.8	206.4	246.5	288.1	328.2	368.4	408.6	439.0
17.5°	78.9	98.3	117.7	137.1	175.9	213.3	252.1	289.5	325.5	361.5	394.7
20°	67.9	90.0	112.2	134.3	187.0	239.6	292.2	344.9	398.9	451.5	494.4
22.5°	60.9	74.8	87.3	101.1	137.1	171.7	207.8	242.4	285.3	326.9	360.1
25°	51.2	67.9	84.5	101.1	160.7	220.2	279.8	339.3	412.7	486.1	544.3
27.5°	49.9	62.3	74.8	87.3	164.8	242.4	319.9	397.5	490.3	583.1	660.7
30°	47.1	58.2	67.9	78.9	170.4	261.8	353.2	444.6	576.2	706.4	799.2
32.5°	44.3	51.2	56.8	63.7	155.1	247.9	339.3	430.7	584.5	736.8	842.1
35°	38.8	44.3	48.5	52.6	144.0	235.5	325.5	416.9	592.8	767.3	886.4
37.5°	34.6	38.8	42.9	47.1	135.7	223.0	311.6	398.9	601.1	803.3	937.7
40°	30.5	34.6	38.8	42.9	127.4	211.9	295.0	379.5	609.4	839.3	987.5
42.5°	27.7	31.9	36.0	40.2	120.5	200.8	279.8	360.1	619.1	878.1	1042.9
45°	24.9	29.1	31.9	36.0	110.8	185.6	260.4	335.2	633.0	930.7	1109.4
47.5°	22.2	26.3	30.5	34.6	103.9	173.1	241.0	310.2	646.8	983.4	1181.4
50°	20.8	24.9	27.7	31.9	98.3	164.8	231.3	297.8	674.5	1049.8	1268.7
52.5°	18.0	22.2	24.9	29.1	94.2	157.9	223.0	286.7	707.7	1127.4	1372.5
55°	16.6	19.4	23.5	26.3	87.3	146.8	207.8	267.3	714.7	1160.6	1432.1
57.5°	13.9	18.0	20.8	23.5	80.3	137.1	192.5	249.3	727.1	1203.6	1488.9
60°	12.5	15.2	18.0	20.8	73.4	127.4	180.1	232.7	742.4	1252.1	1559.5
62.5°	12.5	13.9	16.6	18.0	66.5	116.3	164.8	213.3	767.3	1319.9	1660.6
65°	11.1	12.5	15.2	16.6	60.9	106.6	151.0	195.3	790.8	1385.0	1779.7
67.5°	9.7	12.5	13.9	15.2	55.4	94.2	134.3	173.1	790.8	1408.6	1873.9
70°	8.3	9.7	12.5	13.9	45.7	76.2	108.0	138.5	734.1	1329.6	1858.7
72.5°	6.9	8.3	9.7	11.1	30.5	49.9	67.9	87.3	598.3	1109.4	1652.3
75°	5.5	6.9	6.9	8.3	16.6	26.3	34.6	42.9	423.8	803.3	1232.7
77.5°	5.5	5.5	6.9	6.9	11.1	16.6	20.8	24.9	210.5	394.7	633.0
80°	4.2	4.2	5.5	5.5	8.3	11.1	12.5	15.2	49.9	83.1	134.3
82.5°	2.8	4.2	4.2	4.2	5.5	6.9	6.9	8.3	11.1	13.9	22.2
85°	2.8	2.8	2.8	2.8	2.8	4.2	4.2	4.2	5.5	5.5	8.3
87.5°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	4.2
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):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	454.3	454.3	454.3	454.3	454.3	454.3	454.3	454.3	454.3	454.3	454.3
2.5°	470.9	477.8	483.4	490.3	498.6	504.1	509.7	515.2	520.8	526.3	531.8
5°	487.5	501.4	513.8	527.7	541.5	549.8	558.2	566.5	574.8	559.5	544.3
7.5°	448.7	465.4	482.0	498.6	511.1	506.9	502.8	498.6	494.4	512.5	529.1
10°	403.0	416.9	432.1	446.0	411.3	418.3	423.8	430.7	436.3	446.0	455.7
12.5°	361.5	357.3	354.6	350.4	361.5	389.2	416.9	443.2	470.9	475.1	480.6
15°	469.5	472.3	475.1	477.8	480.6	466.7	452.9	437.7	423.8	428.0	432.1
17.5°	428.0	432.1	437.7	441.8	457.1	466.7	475.1	484.8	493.1	511.1	529.1
20°	536.0	545.7	554.0	563.7	531.8	513.8	494.4	476.4	457.1	476.4	495.8
22.5°	393.3	440.4	487.5	534.6	524.9	555.4	585.9	614.9	645.4	613.6	581.7
25°	601.1	623.3	646.8	669.0	682.8	652.3	621.9	591.4	560.9	584.5	608.0
27.5°	738.2	732.7	727.1	721.6	749.3	738.2	727.1	714.7	703.6	681.4	657.9
30°	890.6	934.9	979.2	1023.5	1034.6	984.7	933.5	883.6	832.4	804.7	775.6
32.5°	946.0	1001.4	1055.4	1110.8	1108.0	1078.9	1049.8	1019.4	990.3	941.8	894.7
35°	1005.5	1067.8	1128.8	1191.1	1216.0	1173.1	1128.8	1085.8	1041.5	1008.3	975.0
37.5°	1070.6	1138.5	1206.3	1274.2	1328.2	1274.2	1221.6	1167.6	1113.5	1078.9	1044.3
40°	1134.3	1227.1	1318.5	1411.3	1414.1	1360.1	1304.7	1250.7	1195.3	1157.9	1120.5
42.5°	1206.3	1311.6	1415.5	1520.7	1522.1	1464.0	1407.2	1349.0	1290.8	1253.4	1216.0
45°	1286.7	1405.8	1523.5	1642.6	1635.7	1569.2	1502.7	1436.3	1369.8	1336.5	1301.9
47.5°	1379.5	1508.3	1637.1	1765.9	1808.8	1718.8	1627.4	1537.4	1446.0	1415.5	1385.0
50°	1486.1	1624.6	1763.1	1901.6	1958.4	1851.8	1745.1	1637.1	1530.4	1500.0	1469.5
52.5°	1616.3	1759.0	1900.2	2042.9	2101.1	1984.7	1868.4	1752.0	1635.7	1598.3	1560.9
55°	1702.2	1867.0	2030.4	2195.2	2261.7	2132.9	2004.1	1873.9	1745.1	1693.9	1641.2
57.5°	1774.2	1943.2	2110.8	2279.7	2346.2	2213.2	2080.3	1945.9	1813.0	1750.7	1688.3
60°	1865.6	2037.4	2210.5	2382.2	2439.0	2295.0	2150.9	2005.5	1861.5	1789.4	1718.8
62.5°	2000.0	2163.4	2326.8	2490.3	2527.6	2373.9	2221.6	2067.8	1914.1	1822.7	1731.3
65°	2174.5	2337.9	2502.7	2666.1	2706.3	2523.5	2342.1	2159.2	1976.4	1855.9	1735.4
67.5°	2337.9	2524.9	2713.2	2900.2	2940.4	2714.6	2487.5	2261.7	2034.6	1876.7	1718.8
70°	2386.4	2608.0	2829.6	3051.2	3103.8	2837.9	2572.0	2304.7	2038.7	1840.7	1644.0
72.5°	2195.2	2447.3	2698.0	2950.1	3049.8	2765.9	2481.9	2196.6	1912.7	1689.7	1468.1
75°	1660.6	1907.2	2155.1	2401.6	2529.0	2279.7	2031.8	1782.5	1533.2	1329.6	1127.4
77.5°	871.2	1056.8	1241.0	1426.6	1655.1	1461.2	1265.9	1072.0	876.7	752.1	626.0
80°	184.2	247.9	310.2	374.0	502.8	457.1	412.7	367.0	321.3	270.1	217.4
82.5°	30.5	40.2	49.9	59.6	74.8	74.8	76.2	76.2	76.2	66.5	55.4
85°	9.7	12.5	15.2	18.0	18.0	19.4	19.4	20.8	20.8	20.8	19.4
87.5°	4.2	4.2	5.5	5.5	5.5	5.5	6.9	6.9	6.9	6.9	6.9
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: P560228

CATALOG NUMBER: SDL-PA1-30-750-U-T2R-HSS

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	454.3	454.3	454.3	454.3	454.3	454.3	454.3	454.3	454.3	454.3	454.3
2.5°	537.4	542.9	547.1	552.6	556.8	560.9	563.7	565.1	567.9	569.2	566.5
5°	527.7	512.5	518.0	523.5	527.7	533.2	537.4	541.5	544.3	548.5	551.2
7.5°	547.1	563.7	570.6	577.5	584.5	591.4	595.6	599.7	602.5	606.6	608.0
10°	465.4	475.1	495.8	518.0	538.8	559.5	552.6	545.7	538.8	531.8	562.3
12.5°	484.8	488.9	501.4	512.5	524.9	536.0	559.5	581.7	605.3	627.4	641.3
15°	436.3	440.4	473.7	505.5	538.8	570.6	560.9	551.2	541.5	531.8	547.1
17.5°	545.7	563.7	531.8	498.6	466.7	433.5	472.3	512.5	551.2	590.0	603.9
20°	515.2	534.6	551.2	567.9	584.5	601.1	587.2	574.8	560.9	547.1	536.0
22.5°	548.5	516.6	536.0	556.8	576.2	595.6	585.9	577.5	567.9	558.2	580.3
25°	630.2	653.7	623.3	592.8	562.3	531.8	566.5	601.1	634.3	669.0	646.8
27.5°	635.7	612.2	639.9	666.2	693.9	720.2	691.1	663.4	634.3	605.3	637.1
30°	747.9	718.8	710.5	702.2	693.9	685.6	700.8	716.1	729.9	745.1	749.3
32.5°	846.2	797.8	810.2	824.1	836.5	849.0	837.9	828.2	817.2	806.1	853.2
35°	941.8	908.6	914.1	919.6	925.2	930.7	933.5	934.9	937.7	939.0	1000.0
37.5°	1008.3	973.7	993.1	1012.4	1031.8	1051.2	1051.2	1049.8	1049.8	1048.5	1117.7
40°	1081.7	1044.3	1072.0	1098.3	1126.0	1152.3	1157.9	1163.4	1169.0	1174.5	1238.2
42.5°	1177.3	1139.9	1163.4	1185.6	1209.1	1231.3	1241.0	1250.7	1259.0	1268.7	1332.4
45°	1268.7	1234.0	1252.1	1270.1	1288.1	1306.1	1314.4	1322.7	1331.0	1339.3	1412.7
47.5°	1354.5	1324.1	1335.2	1344.8	1355.9	1365.6	1372.5	1378.1	1385.0	1390.6	1464.0
50°	1439.0	1408.6	1411.3	1414.1	1415.5	1418.3	1421.0	1425.2	1427.9	1430.7	1516.6
52.5°	1522.1	1484.7	1477.8	1470.9	1464.0	1457.0	1457.0	1455.6	1455.6	1454.3	1520.7
55°	1590.0	1537.4	1520.7	1502.7	1486.1	1468.1	1461.2	1454.3	1446.0	1439.0	1473.7
57.5°	1624.6	1562.3	1537.4	1511.0	1486.1	1459.8	1436.3	1411.3	1387.8	1362.9	1357.3
60°	1646.8	1574.8	1536.0	1495.8	1457.0	1416.9	1358.7	1300.5	1242.4	1184.2	1153.7
62.5°	1638.5	1547.1	1487.5	1426.6	1367.0	1306.1	1216.0	1126.0	1034.6	944.6	901.6
65°	1613.5	1493.0	1407.2	1319.9	1234.0	1146.8	1038.8	930.7	822.7	714.7	674.5
67.5°	1560.9	1403.0	1282.5	1163.4	1042.9	922.4	813.0	703.6	594.2	484.8	455.7
70°	1446.0	1247.9	1106.6	964.0	822.7	680.0	587.2	493.1	400.3	306.1	292.2
72.5°	1245.1	1022.1	878.1	735.4	591.4	447.4	383.6	319.9	256.2	192.5	188.4
75°	923.8	720.2	609.4	497.2	386.4	274.2	236.8	200.8	163.4	126.0	127.4
77.5°	501.4	375.3	322.7	270.1	216.1	163.4	145.4	127.4	109.4	91.4	94.2
80°	166.2	113.6	105.3	97.0	88.6	80.3	73.4	66.5	59.6	52.6	55.4
82.5°	45.7	34.6	37.4	41.6	44.3	47.1	47.1	47.1	45.7	45.7	45.7
85°	19.4	18.0	16.6	16.6	15.2	13.9	16.6	19.4	22.2	24.9	26.3
87.5°	5.5	5.5	5.5	4.2	4.2	2.8	2.8	2.8	2.8	2.8	4.2
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: P560228

CATALOG NUMBER: SDL-PA1-30-750-U-T2R-HSS

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	454.3	454.3	454.3	454.3	454.3	454.3	454.3	454.3	454.3	454.3	454.3
2.5°	565.1	562.3	559.5	555.4	552.6	548.5	544.3	540.2	536.0	530.5	526.3
5°	554.0	556.8	559.5	560.9	563.7	565.1	566.5	567.9	569.2	569.2	570.6
7.5°	608.0	609.4	609.4	601.1	594.2	585.9	577.5	576.2	576.2	574.8	573.4
10°	594.2	624.6	655.1	655.1	653.7	653.7	652.3	652.3	653.7	653.7	653.7
12.5°	655.1	669.0	682.8	677.3	673.1	667.6	662.0	638.5	613.6	590.0	565.1
15°	562.3	576.2	591.4	612.2	633.0	653.7	674.5	673.1	673.1	671.7	670.3
17.5°	616.3	630.2	642.6	633.0	623.3	612.2	602.5	584.5	566.5	548.5	530.5
20°	526.3	515.2	504.1	548.5	592.8	637.1	681.4	680.0	680.0	678.7	677.3
22.5°	602.5	623.3	645.4	628.8	612.2	595.6	578.9	576.2	572.0	569.2	565.1
25°	624.6	601.1	578.9	620.5	663.4	705.0	746.5	753.4	760.4	765.9	772.8
27.5°	670.3	702.2	734.1	725.7	717.4	707.7	699.4	705.0	710.5	716.1	721.6
30°	754.8	759.0	763.1	824.1	886.4	947.3	1008.3	1016.6	1023.5	1031.8	1038.8
32.5°	900.3	946.0	993.1	1030.4	1069.2	1106.6	1144.0	1193.9	1245.1	1295.0	1344.8
35°	1062.3	1123.2	1184.2	1256.2	1329.6	1401.6	1473.7	1491.7	1511.0	1529.1	1547.1
37.5°	1187.0	1256.2	1325.5	1400.2	1473.7	1548.4	1621.8	1635.7	1649.5	1663.4	1677.2
40°	1301.9	1365.6	1429.3	1508.3	1587.2	1666.2	1745.1	1756.2	1767.3	1778.4	1789.4
42.5°	1396.1	1458.4	1522.1	1601.1	1680.0	1759.0	1837.9	1847.6	1855.9	1865.6	1873.9
45°	1486.1	1559.5	1632.9	1702.2	1771.4	1839.3	1908.5	1915.5	1921.0	1927.9	1933.5
47.5°	1538.7	1612.2	1685.6	1750.7	1815.8	1879.5	1944.6	1944.6	1944.6	1944.6	1944.6
50°	1602.5	1686.9	1772.8	1806.1	1837.9	1871.2	1903.0	1896.1	1889.2	1880.8	1873.9
52.5°	1585.8	1652.3	1717.4	1729.9	1742.3	1754.8	1767.3	1749.3	1732.6	1714.6	1696.6
55°	1508.3	1541.5	1576.1	1555.4	1533.2	1512.4	1490.3	1439.0	1387.8	1336.5	1285.3
57.5°	1351.8	1346.2	1340.7	1285.3	1231.3	1175.9	1120.5	1087.2	1055.4	1022.1	988.9
60°	1124.6	1094.2	1063.7	1013.8	964.0	914.1	864.2	846.2	826.9	808.8	789.5
62.5°	858.7	815.8	772.8	747.9	723.0	698.0	673.1	655.1	635.7	617.7	598.3
65°	635.7	595.6	555.4	534.6	513.8	491.7	470.9	458.4	446.0	432.1	419.7
67.5°	428.0	398.9	369.8	357.3	343.5	331.0	317.2	311.6	304.7	299.2	292.2
70°	277.0	263.2	247.9	242.4	238.2	232.7	227.1	221.6	216.1	210.5	205.0
72.5°	184.2	180.1	175.9	173.1	170.4	167.6	164.8	162.0	157.9	155.1	151.0
75°	127.4	128.8	128.8	127.4	127.4	126.0	124.7	113.6	102.5	91.4	80.3
77.5°	95.6	98.3	99.7	92.8	85.9	77.6	70.6	69.3	67.9	66.5	65.1
80°	59.6	62.3	65.1	62.3	60.9	58.2	55.4	52.6	49.9	47.1	44.3
82.5°	45.7	45.7	45.7	42.9	40.2	36.0	33.2	31.9	30.5	29.1	27.7
85°	27.7	29.1	30.5	27.7	23.5	20.8	16.6	13.9	11.1	8.3	5.5
87.5°	4.2	5.5	5.5	5.5	4.2	4.2	2.8	2.8	2.8	1.4	1.4
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: P560228  
CATALOG NUMBER: SDL-PA1-30-750-U-T2R-HSS

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
0°	454.3	454.3
2.5°	515.2	504.1
5°	572.0	573.4
7.5°	538.8	502.8
10°	653.7	653.7
12.5°	558.2	549.8
15°	667.6	664.8
17.5°	529.1	526.3
20°	675.9	674.5
22.5°	565.1	563.7
25°	774.2	774.2
27.5°	721.6	720.2
30°	1038.8	1038.8
32.5°	1371.2	1396.1
35°	1551.2	1555.4
37.5°	1684.2	1689.7
40°	1793.6	1797.7
42.5°	1875.3	1875.3
45°	1933.5	1933.5
47.5°	1943.2	1941.8
50°	1869.8	1865.6
52.5°	1680.0	1662.0
55°	1275.6	1264.5
57.5°	986.1	982.0
60°	789.5	789.5
62.5°	592.8	587.2
65°	414.1	407.2
67.5°	289.5	286.7
70°	205.0	203.6
72.5°	149.6	148.2
75°	78.9	76.2
77.5°	65.1	63.7
80°	45.7	45.7
82.5°	27.7	26.3
85°	4.2	2.8
87.5°	1.4	1.4
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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