

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: P560008

Luminaire Tested: **SDL-PA1-20-730-U-T2R-HSS**

Issue Date: 7/26/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P560008  
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-PA1-20-730-U-T2R-HSS  
Description: Springdale  
(1) 70 CRI, 3000K, 260mA 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: 2043.6 lumens  
Efficiency: N/A  
Efficacy: 97.3 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

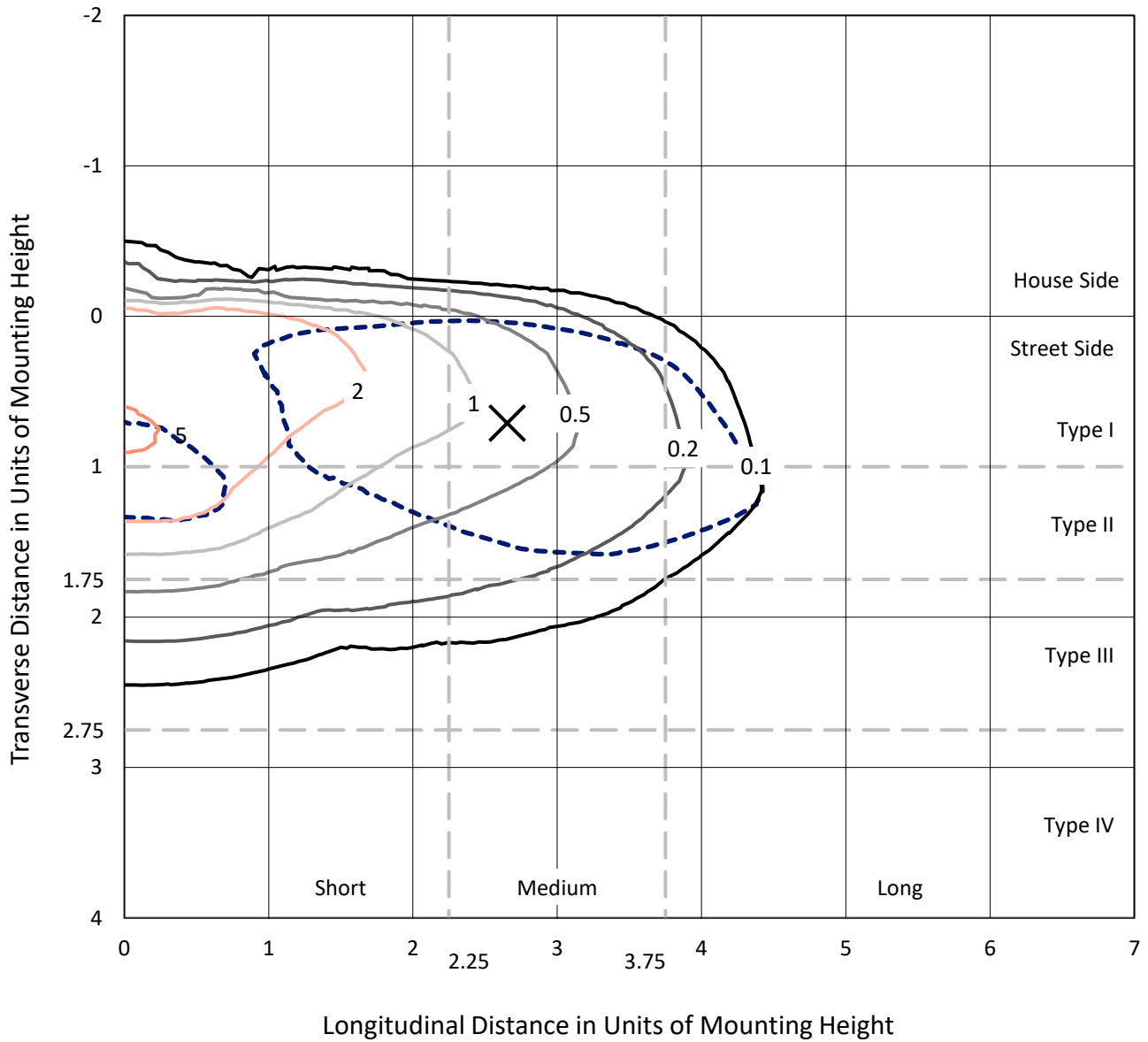
Input Watts (W): 21  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

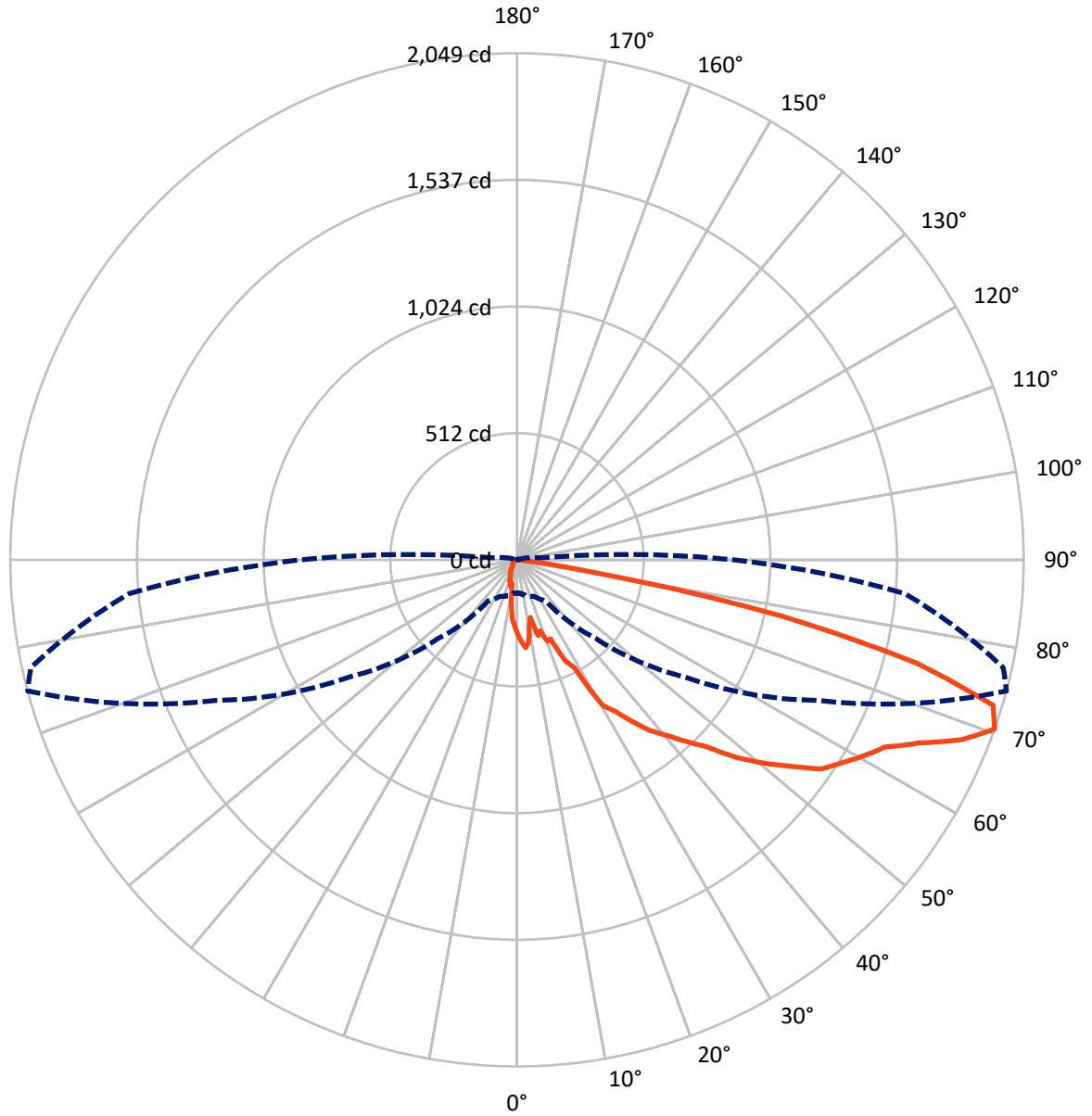
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 5.6 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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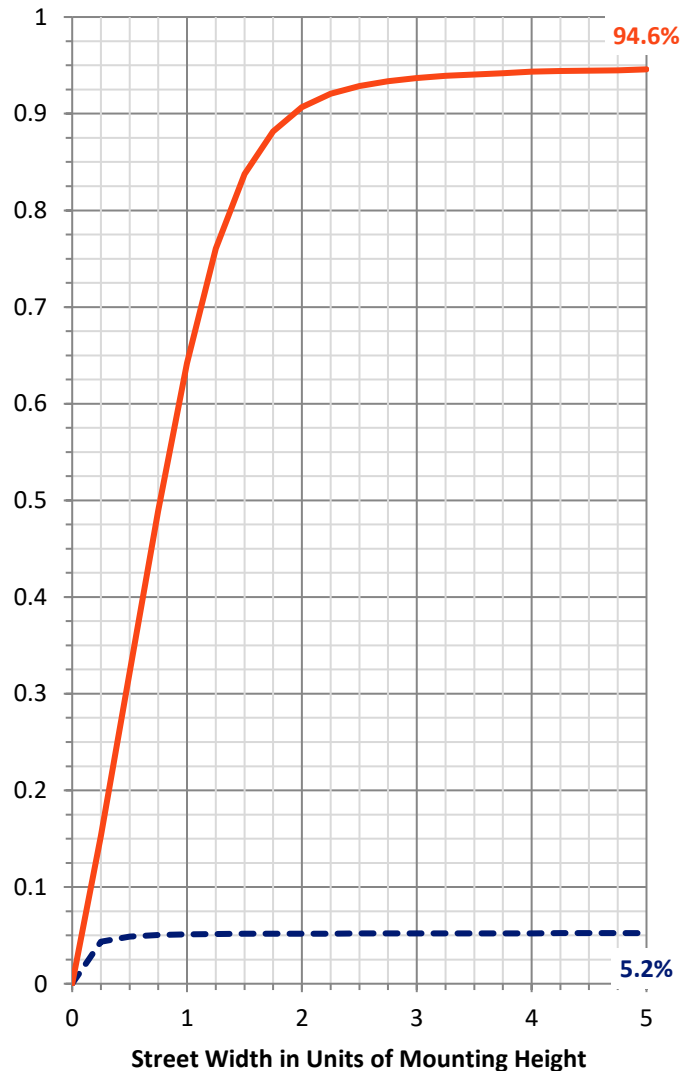
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	107.9	0.0	107.9
	% Fixture	5.3	0.0	5.3
<b>Street Side</b>	Lumens	1935.7	0.0	1935.7
	% Fixture	94.7	0.0	94.7
<b>Total</b>	Lumens	2043.6	0.0	2043.6
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	23.7	1.2
10°-20°	59.0	2.9
20°-30°	112.1	5.5
30°-40°	249.1	12.2
40°-50°	401.6	19.7
50°-60°	484.0	23.7
60°-70°	438.7	21.5
70°-80°	261.4	12.8
80°-90°	14.1	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°	2043.6	100.0
0°-180°	2043.6	100.0



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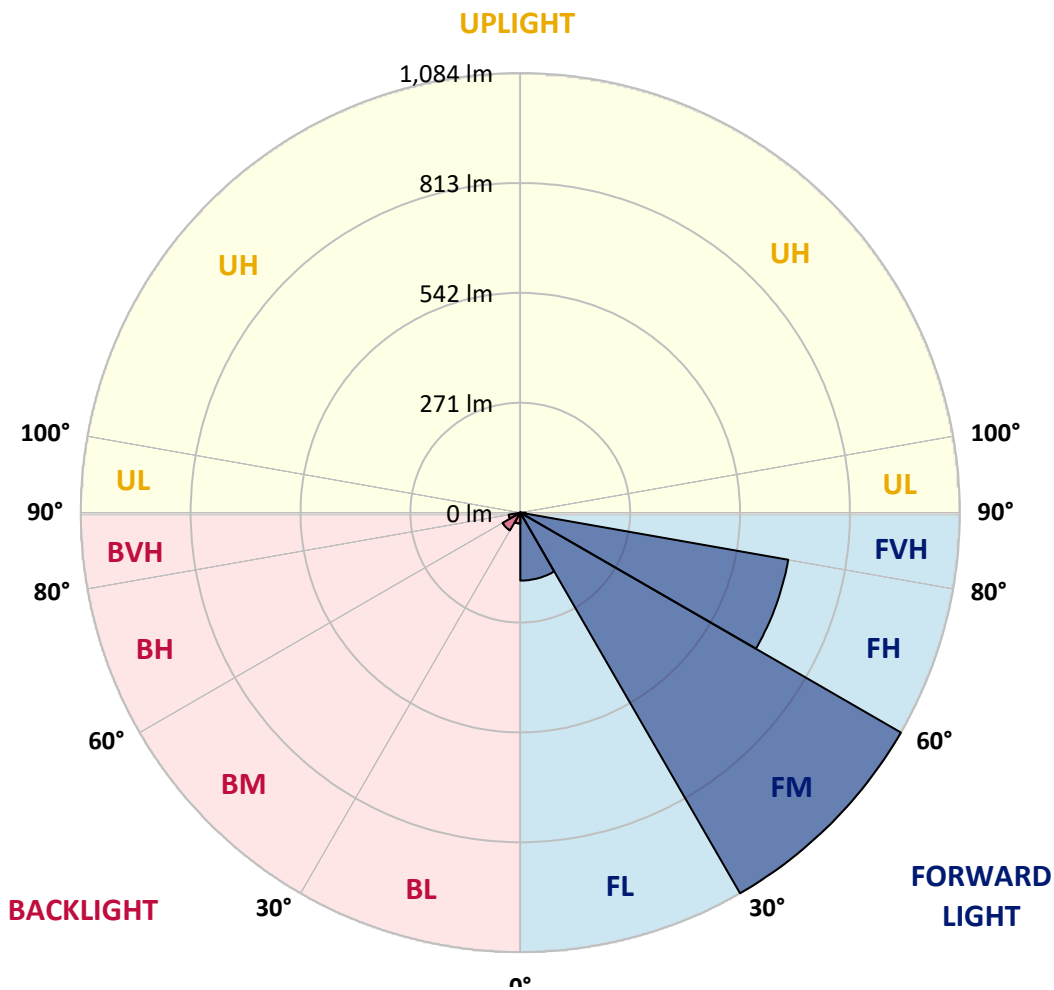
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	167.6	8.2			
FM (30°-60°)	1084.2	53.1			
FH (60°-80°)	671.0	32.8			G1/1800
FVH (80°-90°)	12.9	0.6			G1/100
BL (0°-30°)	27.1	1.3	B0/110		
BM (30°-60°)	50.5	2.5	B0/220		
BH (60°-80°)	29.1	1.4	B0/110		G0/110
BVH (80°-90°)	1.2	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°	299.9	299.9	299.9	299.9	299.9	299.9	299.9	299.9	299.9	299.9	299.9
2.5°	332.8	340.1	347.4	350.1	353.8	356.5	359.3	362.0	364.8	366.6	369.3
5°	378.5	377.6	376.7	375.7	375.7	374.8	373.9	373.0	372.1	370.3	369.3
7.5°	331.9	355.6	378.5	379.4	380.3	380.3	381.2	386.7	392.2	396.8	402.3
10°	431.5	431.5	431.5	431.5	431.5	430.6	430.6	431.5	431.5	432.4	432.4
12.5°	362.9	368.4	373.0	389.5	405.0	421.5	437.0	440.7	444.3	447.1	450.7
15°	438.8	440.7	442.5	443.4	444.3	444.3	445.2	431.5	417.8	404.1	390.4
17.5°	347.4	349.2	350.1	362.0	373.9	385.8	397.7	404.1	411.4	417.8	424.2
20°	445.2	446.1	447.1	448.0	448.9	448.9	449.8	420.5	391.3	362.0	332.8
22.5°	372.1	373.0	373.0	375.7	377.6	380.3	382.1	393.1	404.1	415.1	426.0
25°	511.1	511.1	510.1	505.6	501.9	497.3	492.8	465.3	437.9	409.6	382.1
27.5°	475.4	476.3	476.3	472.7	469.0	465.3	461.7	467.2	473.6	479.1	484.5
30°	685.7	685.7	685.7	681.1	675.6	671.0	665.6	625.3	585.1	544.0	503.7
32.5°	921.5	905.1	887.7	854.8	821.9	788.1	755.1	730.5	705.8	680.2	655.5
35°	1026.7	1023.9	1021.2	1009.3	997.4	984.6	972.7	925.2	877.7	829.2	781.7
37.5°	1115.4	1111.7	1107.1	1098.0	1088.8	1079.7	1070.6	1022.1	972.7	924.3	874.9
40°	1186.7	1183.9	1181.2	1173.9	1166.5	1159.2	1151.9	1099.8	1047.7	995.6	943.5
42.5°	1237.9	1237.9	1236.9	1231.5	1225.1	1219.6	1213.2	1161.1	1109.0	1056.8	1004.7
45°	1276.3	1276.3	1276.3	1272.6	1268.0	1264.4	1259.8	1214.1	1169.3	1123.6	1077.9
47.5°	1281.7	1282.7	1283.6	1283.6	1283.6	1283.6	1283.6	1240.6	1198.5	1155.6	1112.6
50°	1231.5	1234.2	1236.9	1241.5	1247.0	1251.6	1256.1	1235.1	1213.2	1192.1	1170.2
52.5°	1097.1	1109.0	1119.9	1131.8	1143.7	1154.7	1166.5	1158.3	1150.1	1141.9	1133.6
55°	834.7	842.0	848.4	882.2	916.1	949.9	983.7	998.3	1012.0	1026.7	1040.4
57.5°	648.2	650.9	652.8	674.7	696.6	717.7	739.6	776.2	812.7	848.4	885.0
60°	521.1	521.1	521.1	533.9	545.8	558.6	570.5	603.4	636.3	669.2	702.1
62.5°	387.6	391.3	394.9	407.7	419.6	432.4	444.3	460.8	477.2	493.7	510.1
65°	268.8	273.4	277.0	285.2	294.4	302.6	310.8	324.5	339.2	352.9	366.6
67.5°	189.2	191.1	192.9	197.5	201.1	205.7	209.4	218.5	226.7	235.9	244.1
70°	134.4	135.3	135.3	139.0	142.6	146.3	149.9	153.6	157.2	160.0	163.6
72.5°	97.8	98.7	99.7	102.4	104.2	107.0	108.8	110.6	112.4	114.3	116.1
75°	50.3	52.1	53.0	60.3	67.7	75.0	82.3	83.2	84.1	84.1	85.0
77.5°	42.1	43.0	43.0	43.9	44.8	45.7	46.6	51.2	56.7	61.3	65.8
80°	30.2	30.2	29.3	31.1	32.9	34.7	36.6	38.4	40.2	41.1	43.0
82.5°	17.4	18.3	18.3	19.2	20.1	21.0	21.9	23.8	26.5	28.3	30.2
85°	1.8	2.7	3.7	5.5	7.3	9.1	11.0	13.7	15.5	18.3	20.1
87.5°	0.9	0.9	0.9	0.9	1.8	1.8	1.8	2.7	2.7	3.7	3.7
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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**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	299.9	299.9	299.9	299.9	299.9	299.9	299.9	299.9	299.9	299.9	299.9
2.5°	371.2	373.0	373.9	375.7	374.8	373.0	372.1	370.3	367.5	364.8	361.1
5°	367.5	365.7	363.9	362.0	359.3	357.5	354.7	352.0	348.3	345.6	341.9
7.5°	402.3	401.3	401.3	400.4	397.7	395.9	393.1	390.4	385.8	381.2	376.7
10°	412.3	392.2	371.2	351.1	355.6	360.2	364.8	369.3	355.6	341.9	327.3
12.5°	441.6	432.4	423.3	414.1	399.5	384.0	369.3	353.8	346.5	338.3	330.9
15°	380.3	371.2	361.1	351.1	357.5	363.9	370.3	376.7	355.6	333.7	312.7
17.5°	416.0	406.8	398.6	389.5	363.9	338.3	311.7	286.2	308.1	329.1	351.1
20°	340.1	347.4	353.8	361.1	370.3	379.4	387.6	396.8	385.8	374.8	363.9
22.5°	411.4	397.7	383.1	368.4	374.8	381.2	386.7	393.1	380.3	367.5	353.8
25°	396.8	412.3	426.9	441.6	418.7	396.8	373.9	351.1	371.2	391.3	411.4
27.5°	463.5	442.5	420.5	399.5	418.7	437.9	456.2	475.4	458.0	439.7	422.4
30°	501.0	498.3	494.6	491.9	481.8	472.7	462.6	452.5	458.0	463.5	469.0
32.5°	624.4	594.2	563.2	532.1	539.4	546.7	553.1	560.4	552.2	544.0	534.8
35°	741.4	701.2	660.1	619.8	618.9	617.1	616.2	614.4	610.7	607.0	603.4
37.5°	829.2	783.5	737.8	692.1	693.0	693.0	693.9	693.9	681.1	668.3	655.5
40°	901.4	859.4	817.3	775.3	771.6	767.9	764.3	760.6	743.3	725.0	707.6
42.5°	962.7	921.5	879.5	837.4	831.0	825.5	819.1	812.7	798.1	782.6	767.9
45°	1029.4	981.0	932.5	884.1	878.6	873.1	867.6	862.1	850.2	838.3	826.5
47.5°	1064.2	1015.7	966.3	917.9	914.2	909.7	906.0	901.4	895.0	887.7	881.3
50°	1113.5	1057.8	1001.1	944.4	942.6	940.7	938.0	936.2	934.3	933.4	931.6
52.5°	1090.7	1046.8	1003.8	959.9	960.8	960.8	961.8	961.8	966.3	970.9	975.5
55°	1017.5	995.6	972.7	949.9	954.4	959.9	964.5	969.1	981.0	991.9	1003.8
57.5°	888.6	892.3	895.9	899.6	916.1	931.6	948.0	963.6	981.0	997.4	1014.8
60°	722.2	742.3	761.5	781.7	820.1	858.5	896.9	935.2	961.8	987.4	1013.9
62.5°	538.5	566.8	595.2	623.5	682.9	743.3	802.7	862.1	902.3	941.6	981.9
65°	393.1	419.6	445.2	471.7	543.0	614.4	685.7	757.0	814.6	871.3	928.8
67.5°	263.3	282.5	300.8	320.0	392.2	464.4	536.6	608.9	688.4	767.9	846.6
70°	173.7	182.8	192.9	202.0	264.2	325.5	387.6	448.9	543.0	636.3	730.5
72.5°	118.8	121.6	124.3	127.1	169.1	211.2	253.2	295.3	390.4	485.5	579.6
75°	85.0	84.1	84.1	83.2	107.9	132.6	156.3	181.0	255.1	328.2	402.3
77.5°	64.9	63.1	62.2	60.3	72.2	84.1	96.0	107.9	142.6	178.3	213.0
80°	41.1	39.3	36.6	34.7	39.3	43.9	48.5	53.0	58.5	64.0	69.5
82.5°	30.2	30.2	30.2	30.2	30.2	31.1	31.1	31.1	29.3	27.4	24.7
85°	19.2	18.3	17.4	16.5	14.6	12.8	11.0	9.1	10.1	11.0	11.0
87.5°	3.7	2.7	2.7	1.8	1.8	1.8	1.8	1.8	2.7	2.7	3.7
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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**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	299.9	299.9	299.9	299.9	299.9	299.9	299.9	299.9	299.9	299.9	299.9
2.5°	358.4	354.7	351.1	347.4	343.7	340.1	336.4	332.8	329.1	323.6	319.1
5°	338.3	348.3	359.3	369.3	379.4	373.9	368.4	362.9	357.5	348.3	339.2
7.5°	372.1	360.2	349.2	338.3	326.4	329.1	331.9	334.6	337.3	329.1	318.1
10°	313.6	307.2	300.8	294.4	288.0	284.3	279.8	276.1	271.5	294.4	285.2
12.5°	322.7	320.0	317.2	313.6	310.8	292.6	275.2	256.9	238.6	231.3	234.0
15°	290.7	288.0	285.2	282.5	279.8	288.9	299.0	308.1	317.2	315.4	313.6
17.5°	372.1	360.2	349.2	337.3	325.5	320.0	313.6	308.1	301.7	291.6	288.9
20°	352.9	340.1	327.3	314.5	301.7	314.5	326.4	339.2	351.1	372.1	365.7
22.5°	341.0	362.0	384.0	405.0	426.0	405.9	386.7	366.6	346.5	352.9	321.8
25°	431.5	416.0	401.3	385.8	370.3	390.4	410.5	430.6	450.7	441.6	426.9
27.5°	404.1	419.6	434.3	449.8	464.4	471.7	480.0	487.3	494.6	476.3	480.0
30°	474.5	493.7	512.0	531.2	549.4	583.3	616.2	650.0	682.9	675.6	646.4
32.5°	526.6	558.6	590.6	621.7	653.7	672.9	693.0	712.2	731.4	733.2	696.6
35°	599.7	621.7	643.6	665.6	687.5	716.8	745.1	774.3	802.7	786.2	745.1
37.5°	642.7	665.6	689.3	712.2	735.0	770.7	806.3	841.1	876.7	841.1	796.3
40°	689.3	714.0	739.6	764.3	789.0	825.5	861.2	897.8	933.4	931.6	870.3
42.5°	752.4	777.1	802.7	827.4	852.1	890.5	928.8	966.3	1004.7	1003.8	934.3
45°	814.6	837.4	859.4	882.2	904.2	948.0	991.9	1035.8	1079.7	1084.3	1005.6
47.5°	874.0	894.1	914.2	934.3	954.4	1014.8	1074.2	1134.5	1194.0	1165.6	1080.6
50°	929.8	949.9	970.0	990.1	1010.2	1080.6	1151.9	1222.3	1292.7	1255.2	1163.8
52.5°	980.0	1004.7	1030.3	1055.0	1079.7	1156.5	1233.3	1310.1	1386.9	1348.5	1254.3
55°	1014.8	1049.5	1083.4	1118.1	1151.9	1236.9	1322.9	1407.9	1492.9	1449.0	1340.2
57.5°	1031.2	1072.4	1114.4	1155.6	1196.7	1284.5	1373.2	1460.9	1548.7	1504.8	1393.3
60°	1039.5	1087.0	1134.5	1181.2	1228.7	1323.8	1419.8	1514.9	1609.9	1572.5	1459.1
62.5°	1021.2	1081.5	1142.8	1203.1	1263.5	1364.9	1466.4	1567.0	1668.5	1643.8	1535.9
65°	985.5	1065.1	1145.5	1225.1	1304.6	1425.3	1545.9	1665.7	1786.4	1759.9	1652.0
67.5°	926.1	1030.3	1134.5	1238.8	1343.0	1492.9	1641.9	1791.9	1940.9	1914.4	1791.0
70°	823.7	954.4	1085.2	1215.0	1345.7	1521.3	1697.7	1873.2	2048.8	2014.0	1867.8
72.5°	674.7	821.9	969.1	1115.4	1262.5	1450.0	1638.3	1825.7	2013.1	1947.3	1780.9
75°	475.4	609.8	744.2	877.7	1012.0	1176.6	1341.2	1504.8	1669.4	1585.3	1422.5
77.5°	247.8	330.9	413.2	496.4	578.7	707.6	835.6	964.5	1092.5	941.6	819.1
80°	75.0	109.7	143.5	178.3	212.1	242.3	272.4	301.7	331.9	246.8	204.8
82.5°	22.9	30.2	36.6	43.9	50.3	50.3	50.3	49.4	49.4	39.3	32.9
85°	11.9	12.8	12.8	13.7	13.7	13.7	12.8	12.8	11.9	11.9	10.1
87.5°	3.7	3.7	4.6	4.6	4.6	4.6	4.6	3.7	3.7	3.7	3.7
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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**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	299.9	299.9	299.9	299.9	299.9	299.9	299.9	299.9	299.9	299.9	299.9
2.5°	315.4	310.8	306.3	300.8	295.3	289.8	284.3	278.8	273.4	267.9	263.3
5°	330.9	321.8	312.7	302.6	291.6	280.7	270.6	260.6	249.6	239.5	230.4
7.5°	307.2	296.2	282.5	268.8	255.1	241.4	226.7	213.0	198.4	183.8	171.9
10°	275.2	266.0	251.4	235.9	219.4	202.0	182.8	163.6	144.4	125.2	117.0
12.5°	235.9	238.6	223.1	207.5	190.2	172.8	154.5	136.2	117.0	98.7	93.3
15°	311.7	309.9	289.8	269.7	243.2	216.7	190.2	162.7	136.2	108.8	95.1
17.5°	285.2	282.5	260.6	238.6	214.8	191.1	166.4	140.8	116.1	90.5	77.7
20°	360.2	353.8	326.4	298.0	263.3	227.6	192.9	158.2	123.4	88.7	74.1
22.5°	290.7	259.6	237.7	215.8	188.3	160.0	137.1	113.4	90.5	66.7	57.6
25°	411.4	396.8	359.3	320.9	272.4	224.0	184.7	145.4	106.0	66.7	55.8
27.5°	483.6	487.3	436.1	384.9	323.6	262.4	211.2	160.0	108.8	57.6	49.4
30°	617.1	587.8	527.5	466.3	380.3	293.5	233.1	172.8	112.4	52.1	44.8
32.5°	661.0	624.4	555.8	486.4	385.8	284.3	224.0	163.6	102.4	42.1	37.5
35°	704.9	663.7	585.1	506.5	391.3	275.2	214.8	155.4	95.1	34.7	32.0
37.5°	751.5	706.7	618.9	530.2	396.8	263.3	205.7	147.2	89.6	31.1	28.3
40°	810.0	748.7	651.8	554.0	402.3	250.5	194.7	139.9	84.1	28.3	25.6
42.5°	865.8	796.3	688.4	579.6	408.7	237.7	184.7	132.6	79.5	26.5	23.8
45°	927.9	849.3	732.3	614.4	417.8	221.2	171.9	122.5	73.1	23.8	21.0
47.5°	995.6	910.6	779.8	649.1	426.9	204.8	159.1	114.3	68.6	22.9	20.1
50°	1072.4	981.0	837.4	693.0	445.2	196.6	152.7	108.8	64.9	21.0	18.3
52.5°	1161.1	1066.9	906.0	744.2	467.2	189.2	147.2	104.2	62.2	19.2	16.5
55°	1232.4	1123.6	945.3	766.1	471.7	176.4	137.1	96.9	57.6	17.4	15.5
57.5°	1282.7	1171.1	982.8	794.5	480.0	164.6	127.1	90.5	53.0	15.5	13.7
60°	1344.8	1231.5	1029.4	826.5	490.0	153.6	118.8	84.1	48.5	13.7	11.9
62.5°	1428.0	1320.1	1096.2	871.3	506.5	140.8	108.8	76.8	43.9	11.9	11.0
65°	1543.2	1435.3	1174.8	914.2	522.0	128.9	99.7	70.4	40.2	11.0	10.1
67.5°	1666.6	1543.2	1236.9	929.8	522.0	114.3	88.7	62.2	36.6	10.1	9.1
70°	1721.5	1575.2	1226.9	877.7	484.5	91.4	71.3	50.3	30.2	9.1	8.2
72.5°	1615.4	1449.0	1090.7	732.3	394.9	57.6	44.8	32.9	20.1	7.3	6.4
75°	1258.9	1096.2	813.7	530.2	279.8	28.3	22.9	17.4	11.0	5.5	4.6
77.5°	697.6	575.0	417.8	260.6	139.0	16.5	13.7	11.0	7.3	4.6	4.6
80°	163.6	121.6	88.7	54.9	32.9	10.1	8.2	7.3	5.5	3.7	3.7
82.5°	26.5	20.1	14.6	9.1	7.3	5.5	4.6	4.6	3.7	2.7	2.7
85°	8.2	6.4	5.5	3.7	3.7	2.7	2.7	2.7	1.8	1.8	1.8
87.5°	2.7	2.7	2.7	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
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°	299.9	299.9	299.9	299.9	299.9	299.9	299.9	299.9	299.9	299.9	299.9
2.5°	257.8	253.2	247.8	244.1	240.4	235.9	232.2	228.6	224.9	221.2	217.6
5°	221.2	211.2	202.0	190.2	177.4	165.5	152.7	147.2	142.6	137.1	131.6
7.5°	160.0	148.1	136.2	131.6	127.1	121.6	117.0	112.4	107.9	103.3	98.7
10°	109.7	101.5	93.3	89.6	85.9	81.4	77.7	74.1	70.4	65.8	62.2
12.5°	87.8	81.4	75.9	69.5	63.1	56.7	50.3	48.5	46.6	43.9	42.1
15°	80.5	66.7	52.1	47.5	43.9	39.3	34.7	33.8	33.8	32.9	32.0
17.5°	64.9	52.1	39.3	37.5	34.7	32.9	30.2	28.3	26.5	24.7	22.9
20°	59.4	44.8	30.2	29.3	28.3	26.5	25.6	24.7	24.7	23.8	22.9
22.5°	49.4	40.2	31.1	28.3	25.6	22.9	20.1	20.1	21.0	21.0	21.0
25°	44.8	33.8	22.9	22.9	21.9	21.9	21.0	20.1	18.3	17.4	15.5
27.5°	41.1	32.9	24.7	22.9	21.0	19.2	17.4	17.4	16.5	16.5	15.5
30°	38.4	31.1	23.8	21.9	21.0	19.2	17.4	16.5	15.5	13.7	12.8
32.5°	33.8	29.3	24.7	22.9	20.1	18.3	15.5	14.6	13.7	11.9	11.0
35°	29.3	25.6	22.9	21.0	18.3	16.5	13.7	12.8	11.9	11.0	10.1
37.5°	25.6	22.9	20.1	18.3	16.5	13.7	11.9	11.0	10.1	9.1	8.2
40°	22.9	20.1	17.4	15.5	13.7	11.9	10.1	9.1	9.1	8.2	7.3
42.5°	21.0	18.3	15.5	13.7	12.8	11.0	9.1	8.2	7.3	6.4	5.5
45°	19.2	16.5	13.7	12.8	11.0	10.1	8.2	7.3	6.4	5.5	4.6
47.5°	17.4	14.6	11.9	11.0	10.1	8.2	7.3	6.4	5.5	4.6	3.7
50°	16.5	13.7	11.0	10.1	9.1	7.3	6.4	5.5	5.5	4.6	3.7
52.5°	14.6	11.9	9.1	8.2	7.3	6.4	5.5	4.6	4.6	3.7	2.7
55°	12.8	11.0	8.2	7.3	6.4	5.5	4.6	3.7	3.7	2.7	1.8
57.5°	11.9	9.1	7.3	6.4	5.5	4.6	3.7	3.7	2.7	2.7	1.8
60°	10.1	8.2	6.4	5.5	4.6	3.7	2.7	2.7	1.8	1.8	0.9
62.5°	9.1	8.2	6.4	5.5	4.6	3.7	2.7	2.7	1.8	1.8	0.9
65°	8.2	7.3	5.5	4.6	4.6	3.7	2.7	2.7	1.8	1.8	0.9
67.5°	8.2	6.4	5.5	4.6	3.7	2.7	1.8	1.8	1.8	0.9	0.9
70°	6.4	5.5	3.7	3.7	2.7	2.7	1.8	1.8	1.8	0.9	0.9
72.5°	5.5	4.6	3.7	3.7	2.7	2.7	1.8	1.8	1.8	0.9	0.9
75°	4.6	3.7	2.7	2.7	2.7	1.8	1.8	1.8	1.8	0.9	0.9
77.5°	3.7	3.7	2.7	2.7	2.7	1.8	1.8	1.8	1.8	0.9	0.9
80°	2.7	2.7	1.8	1.8	1.8	1.8	1.8	1.8	1.8	0.9	0.9
82.5°	2.7	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	0.9	0.9
85°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	0.9	0.9
87.5°	1.8	1.8	1.8	1.8	2.7	2.7	2.7	2.7	1.8	1.8	0.9
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):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	299.9	299.9	299.9	299.9	299.9	299.9	299.9	299.9	299.9	299.9	299.9
2.5°	213.9	209.4	205.7	201.1	194.7	187.4	181.0	173.7	172.8	171.9	170.0
5°	128.9	126.2	123.4	120.7	118.8	117.0	115.2	113.4	111.5	110.6	108.8
7.5°	95.1	91.4	87.8	84.1	81.4	79.5	76.8	74.1	72.2	69.5	67.7
10°	58.5	53.9	50.3	45.7	47.5	49.4	50.3	52.1	52.1	51.2	51.2
12.5°	42.1	42.1	42.1	42.1	42.1	42.1	41.1	41.1	41.1	40.2	40.2
15°	31.1	30.2	29.3	28.3	28.3	28.3	27.4	27.4	29.3	30.2	32.0
17.5°	23.8	24.7	24.7	25.6	26.5	27.4	27.4	28.3	28.3	29.3	29.3
20°	22.9	22.9	21.9	21.9	21.0	21.0	20.1	19.2	20.1	21.9	22.9
22.5°	20.1	18.3	17.4	15.5	16.5	18.3	19.2	20.1	20.1	20.1	20.1
25°	16.5	16.5	17.4	17.4	16.5	15.5	14.6	13.7	14.6	15.5	15.5
27.5°	14.6	13.7	12.8	11.9	12.8	12.8	13.7	13.7	13.7	13.7	12.8
30°	12.8	12.8	11.9	11.9	11.9	11.0	11.0	10.1	11.0	11.0	11.9
32.5°	11.0	10.1	10.1	9.1	9.1	10.1	10.1	10.1	10.1	10.1	10.1
35°	10.1	9.1	9.1	8.2	8.2	8.2	8.2	8.2	9.1	9.1	10.1
37.5°	8.2	7.3	7.3	6.4	6.4	7.3	7.3	7.3	7.3	8.2	8.2
40°	7.3	6.4	6.4	5.5	5.5	6.4	6.4	6.4	6.4	7.3	7.3
42.5°	5.5	5.5	4.6	4.6	4.6	5.5	5.5	5.5	5.5	6.4	6.4
45°	4.6	4.6	3.7	3.7	3.7	4.6	4.6	4.6	4.6	4.6	4.6
47.5°	3.7	3.7	2.7	2.7	2.7	3.7	3.7	3.7	3.7	3.7	3.7
50°	3.7	2.7	2.7	1.8	1.8	2.7	2.7	2.7	2.7	2.7	2.7
52.5°	2.7	2.7	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
55°	1.8	1.8	0.9	0.9	0.9	1.8	1.8	1.8	1.8	1.8	0.9
57.5°	1.8	1.8	0.9	0.9	0.9	1.8	1.8	1.8	1.8	1.8	0.9
60°	0.9	0.9	0.9	0.9	0.9	1.8	1.8	1.8	1.8	1.8	0.9
62.5°	0.9	0.9	0.9	0.9	0.9	1.8	1.8	1.8	1.8	1.8	1.8
65°	0.9	0.9	0.9	0.9	1.8	1.8	2.7	2.7	2.7	2.7	1.8
67.5°	0.9	0.9	0.9	0.9	1.8	1.8	2.7	2.7	2.7	1.8	1.8
70°	0.9	1.8	1.8	1.8	1.8	2.7	2.7	2.7	2.7	2.7	1.8
72.5°	0.9	1.8	1.8	1.8	1.8	2.7	2.7	2.7	2.7	2.7	1.8
75°	1.8	1.8	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	1.8
77.5°	1.8	1.8	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	1.8
80°	1.8	1.8	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	1.8
82.5°	1.8	1.8	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	1.8
85°	1.8	2.7	2.7	3.7	3.7	3.7	2.7	2.7	2.7	2.7	1.8
87.5°	1.8	2.7	2.7	3.7	3.7	3.7	2.7	2.7	2.7	2.7	1.8
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°	299.9	299.9	299.9	299.9	299.9	299.9	299.9	299.9	299.9	299.9	299.9
2.5°	169.1	167.3	165.5	162.7	160.9	162.7	164.6	162.7	160.9	162.7	165.5
5°	107.0	106.0	106.0	105.1	104.2	104.2	103.3	104.2	104.2	105.1	106.0
7.5°	64.9	64.0	63.1	61.3	60.3	62.2	63.1	62.2	60.3	61.3	63.1
10°	50.3	50.3	49.4	49.4	48.5	48.5	48.5	48.5	48.5	49.4	49.4
12.5°	39.3	38.4	37.5	36.6	35.7	37.5	38.4	37.5	35.7	36.6	37.5
15°	32.9	32.9	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
17.5°	29.3	28.3	28.3	27.4	26.5	26.5	25.6	26.5	26.5	27.4	28.3
20°	23.8	23.8	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7
22.5°	20.1	19.2	19.2	18.3	17.4	17.4	16.5	17.4	17.4	18.3	19.2
25°	16.5	16.5	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
27.5°	12.8	12.8	12.8	11.9	11.9	11.9	11.9	11.9	11.9	11.9	12.8
30°	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9
32.5°	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
35°	10.1	10.1	10.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	10.1
37.5°	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2
40°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
42.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
45°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
47.5°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
50°	2.7	2.7	2.7	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.7
52.5°	1.8	1.8	1.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.8
55°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
57.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
60°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
62.5°	1.8	1.8	1.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.8
65°	1.8	1.8	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.9	0.9
67.5°	0.9	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9
70°	1.8	1.8	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.9	0.9
72.5°	1.8	1.8	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.9	0.9
75°	1.8	1.8	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.9	0.9
77.5°	1.8	1.8	1.8	0.9	0.9	0.9	0.0	0.9	0.9	0.9	1.8
80°	1.8	1.8	1.8	0.9	0.9	0.9	0.0	0.9	0.9	0.9	1.8
82.5°	1.8	1.8	1.8	0.9	0.9	0.9	0.0	0.9	0.9	0.9	1.8
85°	1.8	1.8	1.8	0.9	0.9	0.9	0.0	0.9	0.9	0.9	1.8
87.5°	1.8	1.8	1.8	0.9	0.9	0.9	0.0	0.9	0.9	0.9	1.8
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°	299.9	299.9	299.9	299.9	299.9	299.9	299.9	299.9	299.9	299.9	299.9
2.5°	167.3	169.1	170.0	171.9	172.8	173.7	181.0	187.4	194.7	201.1	205.7
5°	106.0	107.0	108.8	110.6	111.5	113.4	115.2	117.0	118.8	120.7	123.4
7.5°	64.0	64.9	67.7	69.5	72.2	74.1	76.8	79.5	81.4	84.1	87.8
10°	50.3	50.3	51.2	51.2	52.1	52.1	50.3	49.4	47.5	45.7	50.3
12.5°	38.4	39.3	40.2	40.2	41.1	41.1	41.1	42.1	42.1	42.1	42.1
15°	32.9	32.9	32.0	30.2	29.3	27.4	27.4	28.3	28.3	28.3	29.3
17.5°	28.3	29.3	29.3	29.3	28.3	28.3	27.4	27.4	26.5	25.6	24.7
20°	23.8	23.8	22.9	21.9	20.1	19.2	20.1	21.0	21.0	21.9	21.9
22.5°	19.2	20.1	20.1	20.1	20.1	20.1	19.2	18.3	16.5	15.5	17.4
25°	16.5	16.5	15.5	15.5	14.6	13.7	14.6	15.5	16.5	17.4	17.4
27.5°	12.8	12.8	12.8	13.7	13.7	13.7	13.7	12.8	12.8	11.9	12.8
30°	11.9	11.9	11.9	11.0	11.0	10.1	11.0	11.0	11.9	11.9	11.9
32.5°	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	9.1	9.1	10.1
35°	10.1	10.1	10.1	9.1	9.1	8.2	8.2	8.2	8.2	8.2	9.1
37.5°	8.2	8.2	8.2	8.2	7.3	7.3	7.3	7.3	6.4	6.4	7.3
40°	7.3	7.3	7.3	7.3	6.4	6.4	6.4	6.4	5.5	5.5	6.4
42.5°	6.4	6.4	6.4	6.4	5.5	5.5	5.5	5.5	4.6	4.6	4.6
45°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	3.7	3.7	3.7
47.5°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	2.7	2.7	2.7
50°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	1.8	1.8	2.7
52.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
55°	0.9	0.9	0.9	1.8	1.8	1.8	1.8	1.8	0.9	0.9	0.9
57.5°	0.9	0.9	0.9	1.8	1.8	1.8	1.8	1.8	0.9	0.9	0.9
60°	0.9	0.9	0.9	1.8	1.8	1.8	1.8	1.8	0.9	0.9	0.9
62.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	0.9	0.9	0.9
65°	1.8	1.8	1.8	2.7	2.7	2.7	2.7	1.8	1.8	0.9	0.9
67.5°	0.9	0.9	1.8	1.8	2.7	2.7	2.7	1.8	1.8	0.9	0.9
70°	1.8	1.8	1.8	2.7	2.7	2.7	2.7	2.7	1.8	1.8	1.8
72.5°	1.8	1.8	1.8	2.7	2.7	2.7	2.7	2.7	1.8	1.8	1.8
75°	1.8	1.8	1.8	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
77.5°	1.8	1.8	1.8	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
80°	1.8	1.8	1.8	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
82.5°	1.8	1.8	1.8	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
85°	1.8	1.8	1.8	2.7	2.7	2.7	2.7	3.7	3.7	3.7	2.7
87.5°	1.8	1.8	1.8	2.7	2.7	2.7	2.7	3.7	3.7	3.7	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



REPORT NUMBER: P560008  
 CATALOG NUMBER: SDL-PA1-20-730-U-T2R-HSS

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	299.9	299.9	299.9	299.9	299.9	299.9	299.9	299.9	299.9	299.9	299.9
2.5°	209.4	213.9	217.6	221.2	224.9	228.6	232.2	235.9	240.4	244.1	247.8
5°	126.2	128.9	131.6	137.1	142.6	147.2	152.7	165.5	177.4	190.2	202.0
7.5°	91.4	95.1	98.7	103.3	107.9	112.4	117.0	121.6	127.1	131.6	136.2
10°	53.9	58.5	62.2	65.8	70.4	74.1	77.7	81.4	85.9	89.6	93.3
12.5°	42.1	42.1	42.1	43.9	46.6	48.5	50.3	56.7	63.1	69.5	75.9
15°	30.2	31.1	32.0	32.9	33.8	33.8	34.7	39.3	43.9	47.5	52.1
17.5°	24.7	23.8	22.9	24.7	26.5	28.3	30.2	32.9	34.7	37.5	39.3
20°	22.9	22.9	22.9	23.8	24.7	24.7	25.6	26.5	28.3	29.3	30.2
22.5°	18.3	20.1	21.0	21.0	21.0	20.1	20.1	22.9	25.6	28.3	31.1
25°	16.5	16.5	15.5	17.4	18.3	20.1	21.0	21.9	21.9	22.9	22.9
27.5°	13.7	14.6	15.5	16.5	16.5	17.4	17.4	19.2	21.0	22.9	24.7
30°	12.8	12.8	12.8	13.7	15.5	16.5	17.4	19.2	21.0	21.9	23.8
32.5°	10.1	11.0	11.0	11.9	13.7	14.6	15.5	18.3	20.1	22.9	24.7
35°	9.1	10.1	10.1	11.0	11.9	12.8	13.7	16.5	18.3	21.0	22.9
37.5°	7.3	8.2	8.2	9.1	10.1	11.0	11.9	13.7	16.5	18.3	20.1
40°	6.4	7.3	7.3	8.2	9.1	9.1	10.1	11.9	13.7	15.5	17.4
42.5°	5.5	5.5	5.5	6.4	7.3	8.2	9.1	11.0	12.8	13.7	15.5
45°	4.6	4.6	4.6	5.5	6.4	7.3	8.2	10.1	11.0	12.8	13.7
47.5°	3.7	3.7	3.7	4.6	5.5	6.4	7.3	8.2	10.1	11.0	11.9
50°	2.7	3.7	3.7	4.6	5.5	5.5	6.4	7.3	9.1	10.1	11.0
52.5°	2.7	2.7	2.7	3.7	4.6	4.6	5.5	6.4	7.3	8.2	9.1
55°	1.8	1.8	1.8	2.7	3.7	3.7	4.6	5.5	6.4	7.3	8.2
57.5°	1.8	1.8	1.8	2.7	2.7	3.7	3.7	4.6	5.5	6.4	7.3
60°	0.9	0.9	0.9	1.8	1.8	2.7	2.7	3.7	4.6	5.5	6.4
62.5°	0.9	0.9	0.9	1.8	1.8	2.7	2.7	3.7	4.6	5.5	6.4
65°	0.9	0.9	0.9	1.8	1.8	2.7	2.7	3.7	4.6	4.6	5.5
67.5°	0.9	0.9	0.9	0.9	1.8	1.8	1.8	2.7	3.7	4.6	5.5
70°	1.8	0.9	0.9	0.9	1.8	1.8	1.8	2.7	2.7	3.7	3.7
72.5°	1.8	0.9	0.9	0.9	1.8	1.8	1.8	2.7	2.7	3.7	3.7
75°	1.8	1.8	0.9	0.9	1.8	1.8	1.8	1.8	2.7	2.7	2.7
77.5°	1.8	1.8	0.9	0.9	1.8	1.8	1.8	1.8	2.7	2.7	2.7
80°	1.8	1.8	0.9	0.9	1.8	1.8	1.8	1.8	1.8	1.8	1.8
82.5°	1.8	1.8	0.9	0.9	1.8	1.8	1.8	1.8	1.8	1.8	1.8
85°	2.7	1.8	0.9	0.9	1.8	1.8	1.8	1.8	1.8	1.8	1.8
87.5°	2.7	1.8	0.9	1.8	1.8	2.7	2.7	2.7	2.7	1.8	1.8
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-PA1-20-730-U-T2R-HSS

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	299.9	299.9	299.9	299.9	299.9	299.9	299.9	299.9	299.9	299.9	299.9
2.5°	253.2	257.8	263.3	267.9	273.4	278.8	284.3	289.8	295.3	300.8	306.3
5°	211.2	221.2	230.4	239.5	249.6	260.6	270.6	280.7	291.6	302.6	312.7
7.5°	148.1	160.0	171.9	183.8	198.4	213.0	226.7	241.4	255.1	268.8	282.5
10°	101.5	109.7	117.0	125.2	144.4	163.6	182.8	202.0	219.4	235.9	251.4
12.5°	81.4	87.8	93.3	98.7	117.0	136.2	154.5	172.8	190.2	207.5	223.1
15°	66.7	80.5	95.1	108.8	136.2	162.7	190.2	216.7	243.2	269.7	289.8
17.5°	52.1	64.9	77.7	90.5	116.1	140.8	166.4	191.1	214.8	238.6	260.6
20°	44.8	59.4	74.1	88.7	123.4	158.2	192.9	227.6	263.3	298.0	326.4
22.5°	40.2	49.4	57.6	66.7	90.5	113.4	137.1	160.0	188.3	215.8	237.7
25°	33.8	44.8	55.8	66.7	106.0	145.4	184.7	224.0	272.4	320.9	359.3
27.5°	32.9	41.1	49.4	57.6	108.8	160.0	211.2	262.4	323.6	384.9	436.1
30°	31.1	38.4	44.8	52.1	112.4	172.8	233.1	293.5	380.3	466.3	527.5
32.5°	29.3	33.8	37.5	42.1	102.4	163.6	224.0	284.3	385.8	486.4	555.8
35°	25.6	29.3	32.0	34.7	95.1	155.4	214.8	275.2	391.3	506.5	585.1
37.5°	22.9	25.6	28.3	31.1	89.6	147.2	205.7	263.3	396.8	530.2	618.9
40°	20.1	22.9	25.6	28.3	84.1	139.9	194.7	250.5	402.3	554.0	651.8
42.5°	18.3	21.0	23.8	26.5	79.5	132.6	184.7	237.7	408.7	579.6	688.4
45°	16.5	19.2	21.0	23.8	73.1	122.5	171.9	221.2	417.8	614.4	732.3
47.5°	14.6	17.4	20.1	22.9	68.6	114.3	159.1	204.8	426.9	649.1	779.8
50°	13.7	16.5	18.3	21.0	64.9	108.8	152.7	196.6	445.2	693.0	837.4
52.5°	11.9	14.6	16.5	19.2	62.2	104.2	147.2	189.2	467.2	744.2	906.0
55°	11.0	12.8	15.5	17.4	57.6	96.9	137.1	176.4	471.7	766.1	945.3
57.5°	9.1	11.9	13.7	15.5	53.0	90.5	127.1	164.6	480.0	794.5	982.8
60°	8.2	10.1	11.9	13.7	48.5	84.1	118.8	153.6	490.0	826.5	1029.4
62.5°	8.2	9.1	11.0	11.9	43.9	76.8	108.8	140.8	506.5	871.3	1096.2
65°	7.3	8.2	10.1	11.0	40.2	70.4	99.7	128.9	522.0	914.2	1174.8
67.5°	6.4	8.2	9.1	10.1	36.6	62.2	88.7	114.3	522.0	929.8	1236.9
70°	5.5	6.4	8.2	9.1	30.2	50.3	71.3	91.4	484.5	877.7	1226.9
72.5°	4.6	5.5	6.4	7.3	20.1	32.9	44.8	57.6	394.9	732.3	1090.7
75°	3.7	4.6	4.6	5.5	11.0	17.4	22.9	28.3	279.8	530.2	813.7
77.5°	3.7	3.7	4.6	4.6	7.3	11.0	13.7	16.5	139.0	260.6	417.8
80°	2.7	2.7	3.7	3.7	5.5	7.3	8.2	10.1	32.9	54.9	88.7
82.5°	1.8	2.7	2.7	2.7	3.7	4.6	4.6	5.5	7.3	9.1	14.6
85°	1.8	1.8	1.8	1.8	1.8	2.7	2.7	2.7	3.7	3.7	5.5
87.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	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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**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	299.9	299.9	299.9	299.9	299.9	299.9	299.9	299.9	299.9	299.9	299.9
2.5°	310.8	315.4	319.1	323.6	329.1	332.8	336.4	340.1	343.7	347.4	351.1
5°	321.8	330.9	339.2	348.3	357.5	362.9	368.4	373.9	379.4	369.3	359.3
7.5°	296.2	307.2	318.1	329.1	337.3	334.6	331.9	329.1	326.4	338.3	349.2
10°	266.0	275.2	285.2	294.4	271.5	276.1	279.8	284.3	288.0	294.4	300.8
12.5°	238.6	235.9	234.0	231.3	238.6	256.9	275.2	292.6	310.8	313.6	317.2
15°	309.9	311.7	313.6	315.4	317.2	308.1	299.0	288.9	279.8	282.5	285.2
17.5°	282.5	285.2	288.9	291.6	301.7	308.1	313.6	320.0	325.5	337.3	349.2
20°	353.8	360.2	365.7	372.1	351.1	339.2	326.4	314.5	301.7	314.5	327.3
22.5°	259.6	290.7	321.8	352.9	346.5	366.6	386.7	405.9	426.0	405.0	384.0
25°	396.8	411.4	426.9	441.6	450.7	430.6	410.5	390.4	370.3	385.8	401.3
27.5°	487.3	483.6	480.0	476.3	494.6	487.3	480.0	471.7	464.4	449.8	434.3
30°	587.8	617.1	646.4	675.6	682.9	650.0	616.2	583.3	549.4	531.2	512.0
32.5°	624.4	661.0	696.6	733.2	731.4	712.2	693.0	672.9	653.7	621.7	590.6
35°	663.7	704.9	745.1	786.2	802.7	774.3	745.1	716.8	687.5	665.6	643.6
37.5°	706.7	751.5	796.3	841.1	876.7	841.1	806.3	770.7	735.0	712.2	689.3
40°	748.7	810.0	870.3	931.6	933.4	897.8	861.2	825.5	789.0	764.3	739.6
42.5°	796.3	865.8	934.3	1003.8	1004.7	966.3	928.8	890.5	852.1	827.4	802.7
45°	849.3	927.9	1005.6	1084.3	1079.7	1035.8	991.9	948.0	904.2	882.2	859.4
47.5°	910.6	995.6	1080.6	1165.6	1194.0	1134.5	1074.2	1014.8	954.4	934.3	914.2
50°	981.0	1072.4	1163.8	1255.2	1292.7	1222.3	1151.9	1080.6	1010.2	990.1	970.0
52.5°	1066.9	1161.1	1254.3	1348.5	1386.9	1310.1	1233.3	1156.5	1079.7	1055.0	1030.3
55°	1123.6	1232.4	1340.2	1449.0	1492.9	1407.9	1322.9	1236.9	1151.9	1118.1	1083.4
57.5°	1171.1	1282.7	1393.3	1504.8	1548.7	1460.9	1373.2	1284.5	1196.7	1155.6	1114.4
60°	1231.5	1344.8	1459.1	1572.5	1609.9	1514.9	1419.8	1323.8	1228.7	1181.2	1134.5
62.5°	1320.1	1428.0	1535.9	1643.8	1668.5	1567.0	1466.4	1364.9	1263.5	1203.1	1142.8
65°	1435.3	1543.2	1652.0	1759.9	1786.4	1665.7	1545.9	1425.3	1304.6	1225.1	1145.5
67.5°	1543.2	1666.6	1791.0	1914.4	1940.9	1791.9	1641.9	1492.9	1343.0	1238.8	1134.5
70°	1575.2	1721.5	1867.8	2014.0	2048.8	1873.2	1697.7	1521.3	1345.7	1215.0	1085.2
72.5°	1449.0	1615.4	1780.9	1947.3	2013.1	1825.7	1638.3	1450.0	1262.5	1115.4	969.1
75°	1096.2	1258.9	1422.5	1585.3	1669.4	1504.8	1341.2	1176.6	1012.0	877.7	744.2
77.5°	575.0	697.6	819.1	941.6	1092.5	964.5	835.6	707.6	578.7	496.4	413.2
80°	121.6	163.6	204.8	246.8	331.9	301.7	272.4	242.3	212.1	178.3	143.5
82.5°	20.1	26.5	32.9	39.3	49.4	49.4	50.3	50.3	50.3	43.9	36.6
85°	6.4	8.2	10.1	11.9	11.9	12.8	12.8	13.7	13.7	13.7	12.8
87.5°	2.7	2.7	3.7	3.7	3.7	3.7	4.6	4.6	4.6	4.6	4.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P560008

CATALOG NUMBER: SDL-PA1-20-730-U-T2R-HSS

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	299.9	299.9	299.9	299.9	299.9	299.9	299.9	299.9	299.9	299.9	299.9
2.5°	354.7	358.4	361.1	364.8	367.5	370.3	372.1	373.0	374.8	375.7	373.9
5°	348.3	338.3	341.9	345.6	348.3	352.0	354.7	357.5	359.3	362.0	363.9
7.5°	361.1	372.1	376.7	381.2	385.8	390.4	393.1	395.9	397.7	400.4	401.3
10°	307.2	313.6	327.3	341.9	355.6	369.3	364.8	360.2	355.6	351.1	371.2
12.5°	320.0	322.7	330.9	338.3	346.5	353.8	369.3	384.0	399.5	414.1	423.3
15°	288.0	290.7	312.7	333.7	355.6	376.7	370.3	363.9	357.5	351.1	361.1
17.5°	360.2	372.1	351.1	329.1	308.1	286.2	311.7	338.3	363.9	389.5	398.6
20°	340.1	352.9	363.9	374.8	385.8	396.8	387.6	379.4	370.3	361.1	353.8
22.5°	362.0	341.0	353.8	367.5	380.3	393.1	386.7	381.2	374.8	368.4	383.1
25°	416.0	431.5	411.4	391.3	371.2	351.1	373.9	396.8	418.7	441.6	426.9
27.5°	419.6	404.1	422.4	439.7	458.0	475.4	456.2	437.9	418.7	399.5	420.5
30°	493.7	474.5	469.0	463.5	458.0	452.5	462.6	472.7	481.8	491.9	494.6
32.5°	558.6	526.6	534.8	544.0	552.2	560.4	553.1	546.7	539.4	532.1	563.2
35°	621.7	599.7	603.4	607.0	610.7	614.4	616.2	617.1	618.9	619.8	660.1
37.5°	665.6	642.7	655.5	668.3	681.1	693.9	693.9	693.0	693.0	692.1	737.8
40°	714.0	689.3	707.6	725.0	743.3	760.6	764.3	767.9	771.6	775.3	817.3
42.5°	777.1	752.4	767.9	782.6	798.1	812.7	819.1	825.5	831.0	837.4	879.5
45°	837.4	814.6	826.5	838.3	850.2	862.1	867.6	873.1	878.6	884.1	932.5
47.5°	894.1	874.0	881.3	887.7	895.0	901.4	906.0	909.7	914.2	917.9	966.3
50°	949.9	929.8	931.6	933.4	934.3	936.2	938.0	940.7	942.6	944.4	1001.1
52.5°	1004.7	980.0	975.5	970.9	966.3	961.8	961.8	960.8	960.8	959.9	1003.8
55°	1049.5	1014.8	1003.8	991.9	981.0	969.1	964.5	959.9	954.4	949.9	972.7
57.5°	1072.4	1031.2	1014.8	997.4	981.0	963.6	948.0	931.6	916.1	899.6	895.9
60°	1087.0	1039.5	1013.9	987.4	961.8	935.2	896.9	858.5	820.1	781.7	761.5
62.5°	1081.5	1021.2	981.9	941.6	902.3	862.1	802.7	743.3	682.9	623.5	595.2
65°	1065.1	985.5	928.8	871.3	814.6	757.0	685.7	614.4	543.0	471.7	445.2
67.5°	1030.3	926.1	846.6	767.9	688.4	608.9	536.6	464.4	392.2	320.0	300.8
70°	954.4	823.7	730.5	636.3	543.0	448.9	387.6	325.5	264.2	202.0	192.9
72.5°	821.9	674.7	579.6	485.5	390.4	295.3	253.2	211.2	169.1	127.1	124.3
75°	609.8	475.4	402.3	328.2	255.1	181.0	156.3	132.6	107.9	83.2	84.1
77.5°	330.9	247.8	213.0	178.3	142.6	107.9	96.0	84.1	72.2	60.3	62.2
80°	109.7	75.0	69.5	64.0	58.5	53.0	48.5	43.9	39.3	34.7	36.6
82.5°	30.2	22.9	24.7	27.4	29.3	31.1	31.1	31.1	30.2	30.2	30.2
85°	12.8	11.9	11.0	11.0	10.1	9.1	11.0	12.8	14.6	16.5	17.4
87.5°	3.7	3.7	3.7	2.7	2.7	1.8	1.8	1.8	1.8	1.8	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: P560008

CATALOG NUMBER: SDL-PA1-20-730-U-T2R-HSS

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	299.9	299.9	299.9	299.9	299.9	299.9	299.9	299.9	299.9	299.9	299.9
2.5°	373.0	371.2	369.3	366.6	364.8	362.0	359.3	356.5	353.8	350.1	347.4
5°	365.7	367.5	369.3	370.3	372.1	373.0	373.9	374.8	375.7	375.7	376.7
7.5°	401.3	402.3	402.3	396.8	392.2	386.7	381.2	380.3	380.3	379.4	378.5
10°	392.2	412.3	432.4	432.4	431.5	431.5	430.6	430.6	431.5	431.5	431.5
12.5°	432.4	441.6	450.7	447.1	444.3	440.7	437.0	421.5	405.0	389.5	373.0
15°	371.2	380.3	390.4	404.1	417.8	431.5	445.2	444.3	444.3	443.4	442.5
17.5°	406.8	416.0	424.2	417.8	411.4	404.1	397.7	385.8	373.9	362.0	350.1
20°	347.4	340.1	332.8	362.0	391.3	420.5	449.8	448.9	448.9	448.0	447.1
22.5°	397.7	411.4	426.0	415.1	404.1	393.1	382.1	380.3	377.6	375.7	373.0
25°	412.3	396.8	382.1	409.6	437.9	465.3	492.8	497.3	501.9	505.6	510.1
27.5°	442.5	463.5	484.5	479.1	473.6	467.2	461.7	465.3	469.0	472.7	476.3
30°	498.3	501.0	503.7	544.0	585.1	625.3	665.6	671.0	675.6	681.1	685.7
32.5°	594.2	624.4	655.5	680.2	705.8	730.5	755.1	788.1	821.9	854.8	887.7
35°	701.2	741.4	781.7	829.2	877.7	925.2	972.7	984.6	997.4	1009.3	1021.2
37.5°	783.5	829.2	874.9	924.3	972.7	1022.1	1070.6	1079.7	1088.8	1098.0	1107.1
40°	859.4	901.4	943.5	995.6	1047.7	1099.8	1151.9	1159.2	1166.5	1173.9	1181.2
42.5°	921.5	962.7	1004.7	1056.8	1109.0	1161.1	1213.2	1219.6	1225.1	1231.5	1236.9
45°	981.0	1029.4	1077.9	1123.6	1169.3	1214.1	1259.8	1264.4	1268.0	1272.6	1276.3
47.5°	1015.7	1064.2	1112.6	1155.6	1198.5	1240.6	1283.6	1283.6	1283.6	1283.6	1283.6
50°	1057.8	1113.5	1170.2	1192.1	1213.2	1235.1	1256.1	1251.6	1247.0	1241.5	1236.9
52.5°	1046.8	1090.7	1133.6	1141.9	1150.1	1158.3	1166.5	1154.7	1143.7	1131.8	1119.9
55°	995.6	1017.5	1040.4	1026.7	1012.0	998.3	983.7	949.9	916.1	882.2	848.4
57.5°	892.3	888.6	885.0	848.4	812.7	776.2	739.6	717.7	696.6	674.7	652.8
60°	742.3	722.2	702.1	669.2	636.3	603.4	570.5	558.6	545.8	533.9	521.1
62.5°	566.8	538.5	510.1	493.7	477.2	460.8	444.3	432.4	419.6	407.7	394.9
65°	419.6	393.1	366.6	352.9	339.2	324.5	310.8	302.6	294.4	285.2	277.0
67.5°	282.5	263.3	244.1	235.9	226.7	218.5	209.4	205.7	201.1	197.5	192.9
70°	182.8	173.7	163.6	160.0	157.2	153.6	149.9	146.3	142.6	139.0	135.3
72.5°	121.6	118.8	116.1	114.3	112.4	110.6	108.8	107.0	104.2	102.4	99.7
75°	84.1	85.0	85.0	84.1	84.1	83.2	82.3	75.0	67.7	60.3	53.0
77.5°	63.1	64.9	65.8	61.3	56.7	51.2	46.6	45.7	44.8	43.9	43.0
80°	39.3	41.1	43.0	41.1	40.2	38.4	36.6	34.7	32.9	31.1	29.3
82.5°	30.2	30.2	30.2	28.3	26.5	23.8	21.9	21.0	20.1	19.2	18.3
85°	18.3	19.2	20.1	18.3	15.5	13.7	11.0	9.1	7.3	5.5	3.7
87.5°	2.7	3.7	3.7	3.7	2.7	2.7	1.8	1.8	1.8	0.9	0.9
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: P560008  
CATALOG NUMBER: SDL-PA1-20-730-U-T2R-HSS

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
0°	299.9	299.9
2.5°	340.1	332.8
5°	377.6	378.5
7.5°	355.6	331.9
10°	431.5	431.5
12.5°	368.4	362.9
15°	440.7	438.8
17.5°	349.2	347.4
20°	446.1	445.2
22.5°	373.0	372.1
25°	511.1	511.1
27.5°	476.3	475.4
30°	685.7	685.7
32.5°	905.1	921.5
35°	1023.9	1026.7
37.5°	1111.7	1115.4
40°	1183.9	1186.7
42.5°	1237.9	1237.9
45°	1276.3	1276.3
47.5°	1282.7	1281.7
50°	1234.2	1231.5
52.5°	1109.0	1097.1
55°	842.0	834.7
57.5°	650.9	648.2
60°	521.1	521.1
62.5°	391.3	387.6
65°	273.4	268.8
67.5°	191.1	189.2
70°	135.3	134.4
72.5°	98.7	97.8
75°	52.1	50.3
77.5°	43.0	42.1
80°	30.2	30.2
82.5°	18.3	17.4
85°	2.7	1.8
87.5°	0.9	0.9
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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