

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: P691067

Luminaire Tested: **CRTK2-C013-5TLD-U-T3-7050**

Issue Date: 6/13/2023

**Test Information**

Test Method: LM-79-08  
Report Number: P691067  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-903-9)  
Test Lab: INNOVATION CENTER  
Issue Date: 6/13/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: CRTK2-C013-5TLD-U-T3-7050  
Description: CARETAKER AREA AND ROADWAY LUMINAIRE  
(1) 70 CRI, 5000K LED WITH TYPE III OPTIC  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 3649 lumens  
Efficiency: N/A  
Efficacy: 157.3 lumens/watt  
Luminous Opening: Vertical Cylinder (Dia: 0.33' x H: 0.08')  
IES Classification: Type III - Medium  
BUG Rating: B1 - U2 - G1

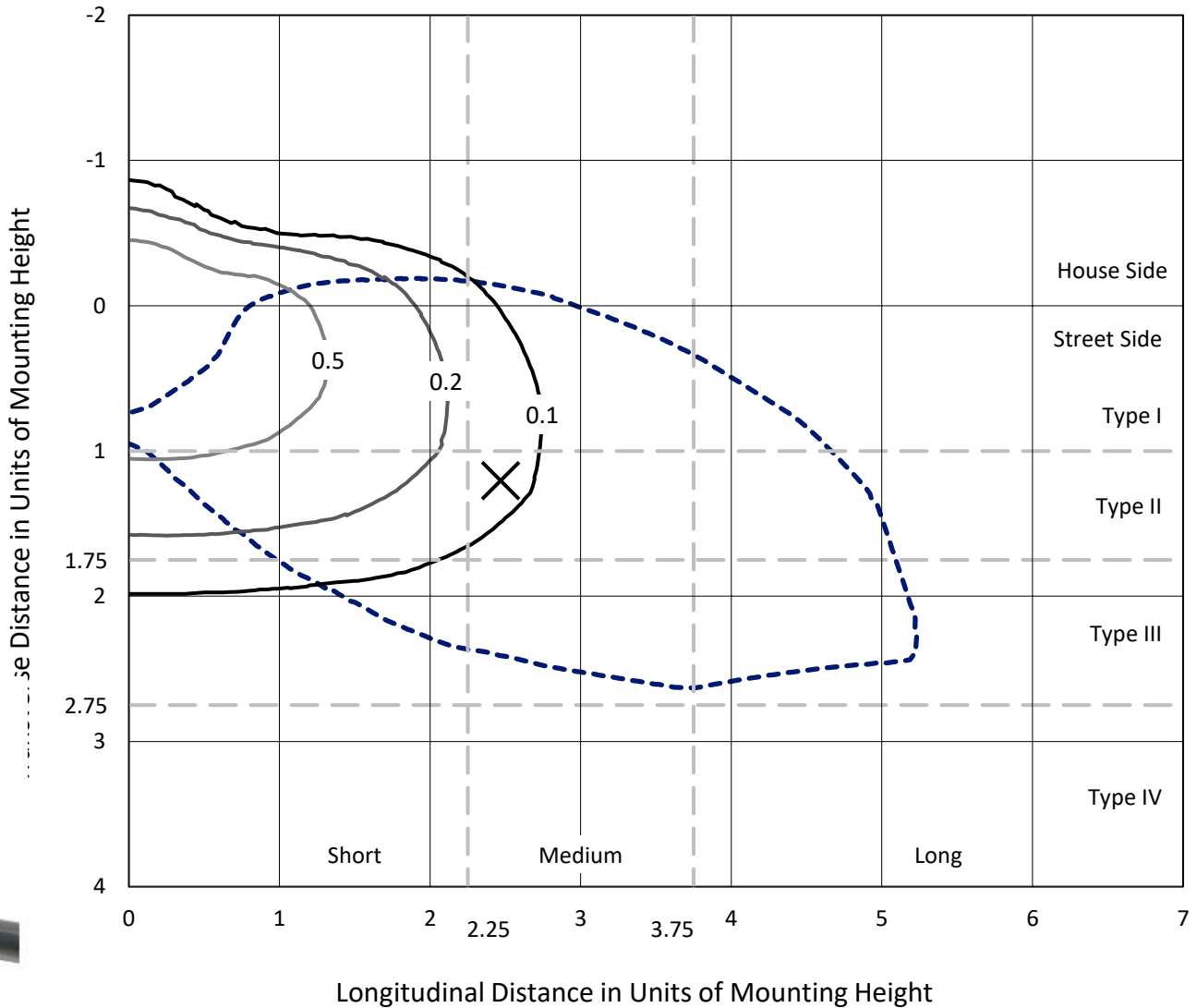
Input Watts (W): 23.2  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

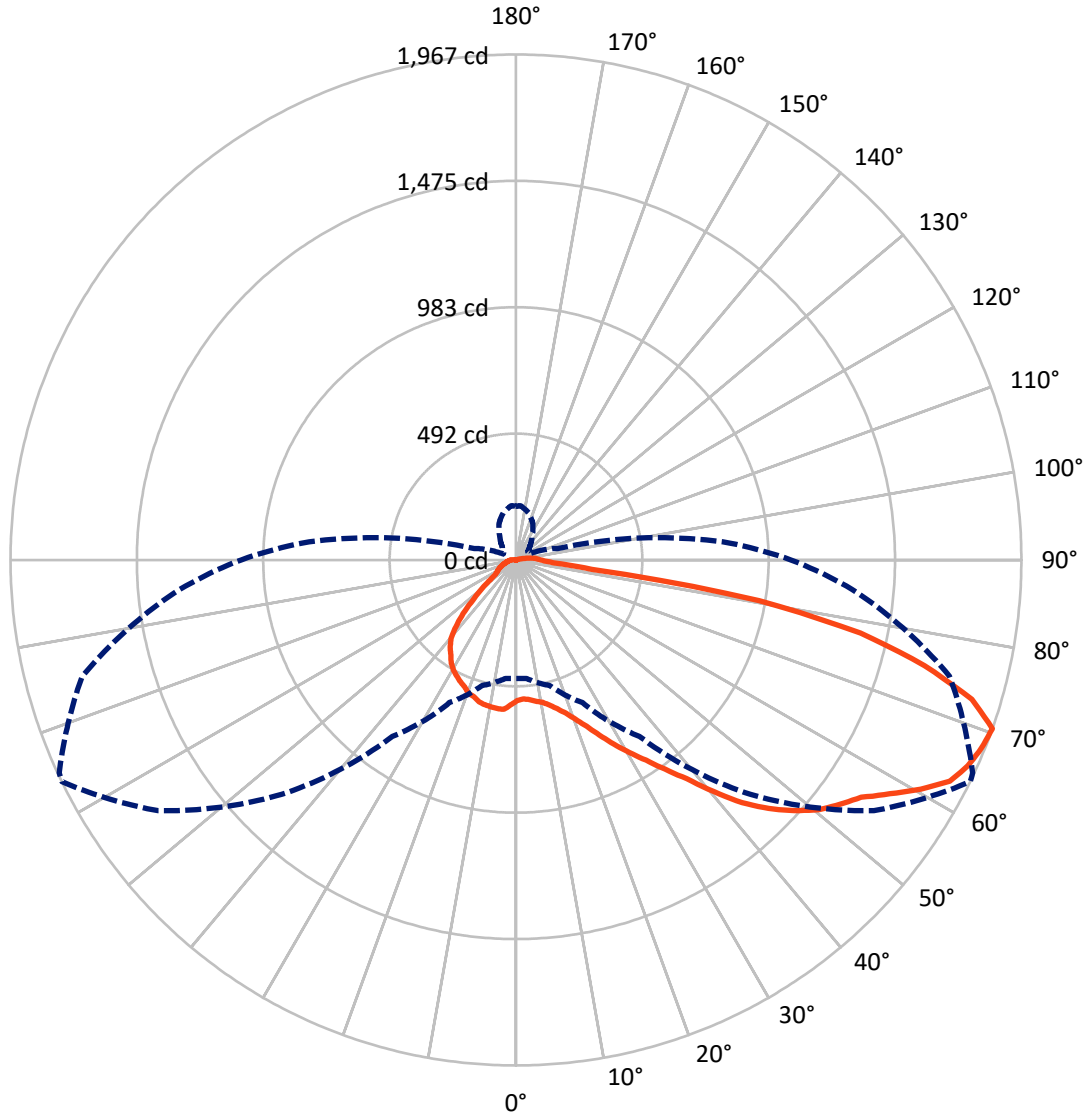
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1 fc  
 Type III - Medium - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 64-Deg Lateral      - - - Horizontal Cone Through 70-Deg Vertical

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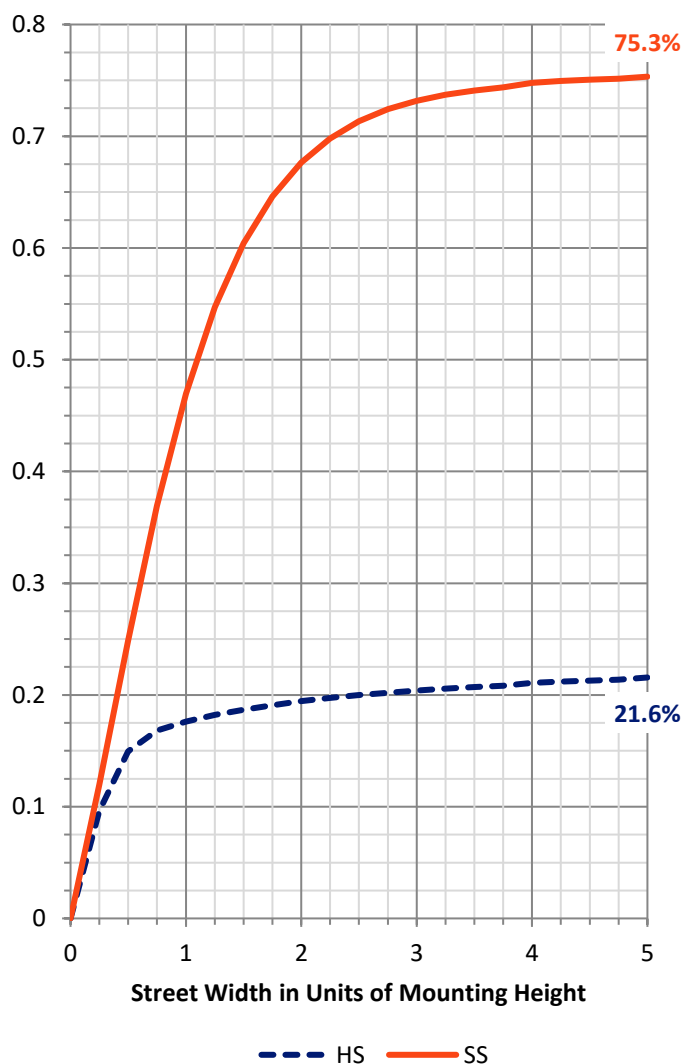
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	831.9	22.5	854.4
	% Fixture	22.8	0.6	23.4
<b>Street Side</b>	Lumens	2765.5	29.1	2794.6
	% Fixture	75.8	0.8	76.6
<b>Total</b>	Lumens	3597.4	51.7	3649.0
	% Fixture	98.6	1.4	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	54.6	1.5
10°-20°	169.9	4.7
20°-30°	294.7	8.1
30°-40°	427.7	11.7
40°-50°	574.0	15.7
50°-60°	694.0	19.0
60°-70°	747.0	20.5
70°-80°	513.1	14.1
80°-90°	122.4	3.4
90°-100°	44.3	1.2
100°-110°	5.6	0.2
110°-120°	0.4	0.0
120°-130°	0.4	0.0
130°-140°	0.3	0.0
140°-150°	0.3	0.0
150°-160°	0.2	0.0
160°-170°	0.1	0.0
170°-180°	0.0	0.0
0°-90°	3597.4	98.6
0°-180°	3649.0	100.0

**Coefficient of Utilization**



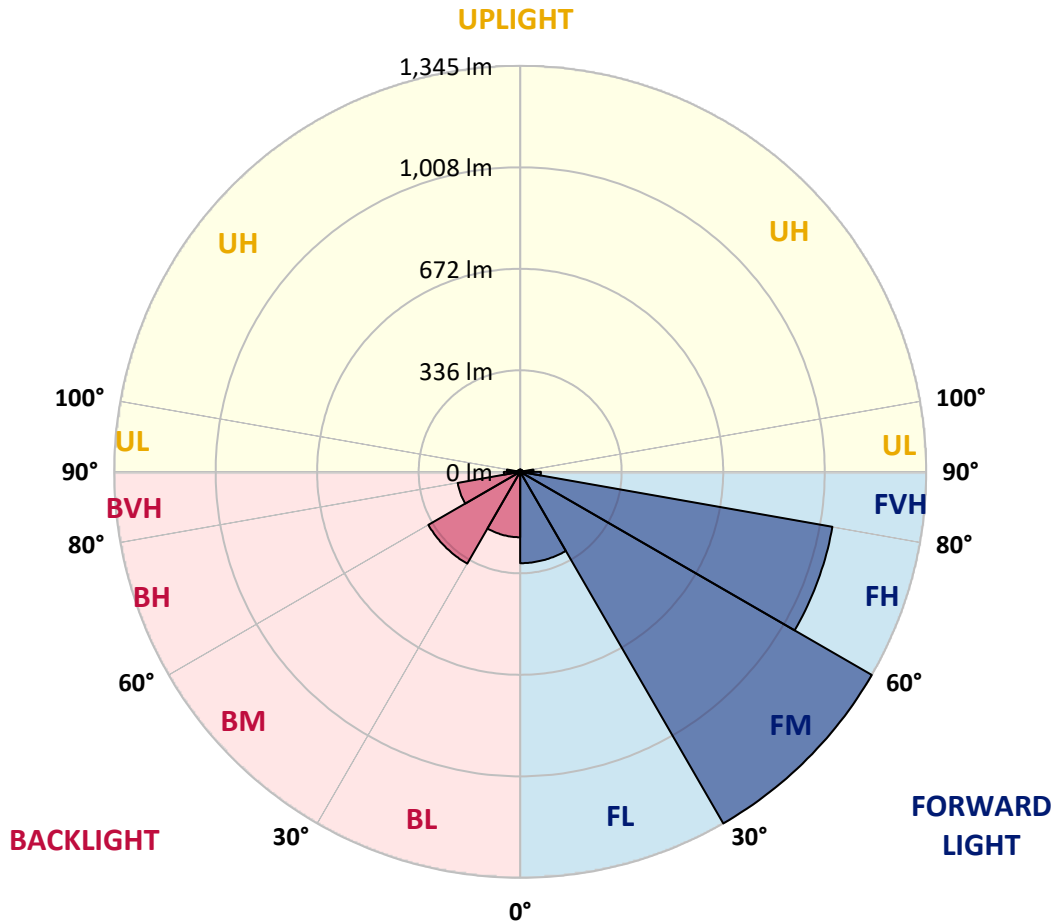
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	302.5	8.3			
FM (30°-60°)	1344.6	36.8			
FH (60°-80°)	1049.9	28.8			G1/1800
FVH (80°-90°)	68.5	1.9			G1/100
BL (0°-30°)	216.6	5.9	B1/500		
BM (30°-60°)	351.1	9.6	B1/1000		
BH (60°-80°)	210.2	5.8	B1/500		G1/500
BVH (80°-90°)	53.9	1.5			G1/100
UL (90°-100°)	44.3	1.2		U2/50	
UH (100°-180°)	7.3	0.2		U1/10	

**BUG Rating: B1-U2-G1**

Type III Medium





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	547.6	547.6	547.6	547.6	547.6	547.6	547.6	547.6	547.6	547.6	547.6
2.5°	542.9	542.9	541.7	541.7	542.9	544.0	542.9	541.7	542.9	544.0	547.6
5°	564.4	563.2	562.0	557.2	552.4	548.8	546.4	545.2	546.4	551.2	559.6
7.5°	578.7	577.5	577.5	576.3	571.5	562.0	556.0	554.8	554.8	556.0	566.8
10°	608.6	606.2	601.4	593.1	588.3	576.3	565.6	563.2	563.2	565.6	578.7
12.5°	640.9	636.1	637.3	627.7	613.4	600.2	584.7	578.7	576.3	578.7	585.9
15°	685.1	681.6	672.0	661.2	646.9	628.9	609.8	600.2	599.0	602.6	596.7
17.5°	717.4	712.6	713.8	698.3	686.3	662.4	644.5	626.5	626.5	631.3	615.8
20°	750.9	748.5	752.1	748.5	730.6	709.1	682.7	661.2	657.6	660.0	637.3
22.5°	793.9	790.4	790.4	791.6	777.2	755.7	724.6	703.1	701.9	692.3	661.2
25°	838.2	834.6	833.4	835.8	833.4	808.3	776.0	754.5	750.9	737.8	693.5
27.5°	880.0	880.0	881.2	883.6	887.2	866.9	835.8	811.9	811.9	797.5	736.6
30°	911.1	911.1	921.9	926.7	930.3	925.5	892.0	869.3	871.7	852.5	785.6
32.5°	939.8	941.0	953.0	964.9	968.5	972.1	943.4	929.1	929.1	911.1	838.2
35°	968.5	968.5	985.3	1009.2	1021.1	1017.5	1004.4	999.6	1000.8	997.2	915.9
37.5°	991.2	993.6	1018.7	1048.6	1065.4	1071.4	1064.2	1079.7	1094.1	1104.8	1017.5
40°	1014.0	1014.0	1037.9	1070.2	1100.0	1116.8	1126.4	1184.9	1195.7	1199.3	1074.9
42.5°	990.0	996.0	1046.2	1094.1	1132.3	1161.0	1204.1	1291.4	1304.5	1263.9	1152.7
45°	967.3	974.5	1024.7	1104.8	1159.8	1217.2	1291.4	1379.8	1390.6	1329.6	1199.3
47.5°	944.6	953.0	1008.0	1095.3	1184.9	1279.4	1359.5	1457.6	1462.3	1383.4	1251.9
50°	920.7	929.1	987.7	1084.5	1200.5	1342.8	1427.7	1528.1	1528.1	1431.3	1283.0
52.5°	890.8	900.4	960.2	1067.8	1212.4	1385.8	1489.8	1579.5	1570.0	1488.7	1317.7
55°	852.5	865.7	929.1	1043.9	1217.2	1408.5	1529.3	1629.7	1627.4	1559.2	1361.9
57.5°	811.9	822.6	890.8	1012.8	1212.4	1424.1	1571.2	1717.0	1720.6	1620.2	1396.6
60°	766.4	773.6	839.4	969.7	1181.4	1451.6	1665.6	1810.3	1815.1	1676.4	1409.7
62.5°	706.7	711.4	773.6	911.1	1139.5	1469.5	1733.8	1895.2	1892.8	1726.6	1412.1
65°	631.3	637.3	695.9	833.4	1077.3	1457.6	1750.5	1932.3	1934.7	1750.5	1408.5
67.5°	558.4	562.0	611.0	730.6	976.9	1400.2	1733.8	1953.8	1964.5	1770.8	1373.9
70°	461.5	462.7	505.8	612.2	838.2	1290.2	1700.3	1966.9	1961.0	1746.9	1314.1
72.5°	355.1	356.3	388.6	468.7	651.7	1098.9	1581.9	1855.7	1845.0	1615.4	1184.9
75°	252.3	257.1	276.2	328.8	436.4	802.3	1353.5	1642.9	1650.1	1437.2	987.7
77.5°	143.5	148.3	163.8	205.7	251.1	449.6	1022.3	1370.3	1375.1	1208.9	758.1
80°	62.2	63.4	69.4	98.0	133.9	215.2	523.7	960.2	1029.5	821.5	432.8
82.5°	52.6	52.6	55.0	57.4	58.6	98.0	203.3	297.7	307.3	242.7	141.1
85°	45.4	45.4	47.8	50.2	51.4	67.0	123.2	149.5	155.4	138.7	99.2
87.5°	35.9	35.9	39.5	41.8	41.8	55.0	92.1	111.2	114.8	111.2	88.5
90°	32.3	32.3	31.1	31.1	32.3	39.5	71.7	93.3	96.9	118.4	101.6
92.5°	27.5	28.7	28.7	28.7	25.1	28.7	51.4	82.5	89.7	117.2	92.1
95°	27.5	26.3	26.3	25.1	23.9	25.1	38.3	71.7	80.1	101.6	77.7
97.5°	19.1	17.9	19.1	20.3	21.5	22.7	32.3	52.6	58.6	78.9	57.4
100°	12.0	12.0	12.0	12.0	14.3	15.5	26.3	32.3	35.9	50.2	38.3
102.5°	7.2	6.0	6.0	6.0	7.2	9.6	13.2	17.9	19.1	28.7	22.7
105°	2.4	2.4	2.4	2.4	3.6	4.8	4.8	7.2	7.2	9.6	9.6
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.2
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.2



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.2
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.2
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.2
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.2
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.2
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.2
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.2
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.2
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.2
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.2
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.2
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	1.2	1.2
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.2	1.2	1.2
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.2
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.2	1.2
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.2	1.2	1.2
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.2	1.2	1.2
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.2	1.2
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.2	1.2	1.2
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.2	1.2	1.2
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.2	1.2	1.2
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.2	1.2
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.2
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.2	1.2	1.2
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	1.2	1.2
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.2
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.2	1.2	1.2
180°	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):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	547.6	547.6	547.6	547.6	547.6	547.6	547.6	547.6	547.6	547.6	547.6
2.5°	550.0	552.4	557.2	563.2	570.4	576.3	581.1	582.3	584.7	584.7	587.1
5°	562.0	566.8	573.9	582.3	585.9	583.5	583.5	584.7	587.1	593.1	595.5
7.5°	575.1	578.7	578.7	582.3	589.5	587.1	585.9	584.7	584.7	582.3	585.9
10°	579.9	575.1	581.1	579.9	577.5	582.3	583.5	576.3	577.5	577.5	578.7
12.5°	581.1	581.1	576.3	576.3	576.3	565.6	563.2	569.2	563.2	565.6	564.4
15°	594.3	584.7	578.7	571.5	562.0	558.4	550.0	540.5	540.5	542.9	542.9
17.5°	603.8	594.3	576.3	557.2	553.6	536.9	530.9	528.5	527.3	528.5	530.9
20°	618.2	603.8	573.9	554.8	523.7	517.7	507.0	505.8	503.4	495.0	492.6
22.5°	637.3	614.6	572.7	534.5	509.4	489.0	469.9	458.0	456.8	450.8	447.2
25°	658.8	636.1	577.5	524.9	483.1	453.2	437.6	410.1	397.0	401.8	399.4
27.5°	703.1	661.2	585.9	511.8	461.5	414.9	379.0	362.3	345.6	345.6	348.0
30°	743.7	693.5	585.9	499.8	425.7	369.5	322.8	296.5	289.4	284.6	282.2
32.5°	804.7	734.2	611.0	483.1	392.2	310.9	258.3	227.2	228.4	233.2	232.0
35°	875.3	798.7	618.2	459.2	343.2	252.3	199.7	182.9	192.5	194.9	194.9
37.5°	960.2	877.6	650.5	440.0	291.8	186.5	157.8	150.7	159.0	157.8	162.6
40°	1006.8	915.9	678.0	416.1	223.6	137.5	122.0	117.2	130.3	141.1	143.5
42.5°	1072.5	961.3	704.3	370.7	151.9	100.4	93.3	108.8	127.9	139.9	141.1
45°	1108.4	987.7	693.5	314.5	96.9	81.3	90.9	110.0	130.3	142.3	143.5
47.5°	1151.5	1022.3	674.4	245.1	77.7	80.1	92.1	112.4	133.9	144.7	144.7
50°	1194.5	1057.0	627.7	192.5	72.9	78.9	94.5	113.6	132.7	139.9	139.9
52.5°	1219.6	1086.9	572.7	139.9	71.7	78.9	95.7	114.8	131.5	135.1	135.1
55°	1242.3	1089.3	524.9	104.0	70.5	80.1	96.9	117.2	132.7	136.3	135.1
57.5°	1255.5	1073.7	491.4	89.7	69.4	80.1	98.0	119.6	142.3	150.7	148.3
60°	1248.3	1049.8	466.3	83.7	68.2	80.1	99.2	126.7	180.6	194.9	190.1
62.5°	1236.4	1033.1	413.7	76.5	65.8	80.1	100.4	143.5	200.9	208.1	202.1
65°	1220.8	984.1	353.9	69.4	63.4	78.9	101.6	155.4	191.3	191.3	190.1
67.5°	1156.2	918.3	264.3	62.2	59.8	78.9	104.0	153.1	184.1	199.7	199.7
70°	1070.2	808.3	174.6	55.0	56.2	76.5	108.8	155.4	190.1	211.6	209.2
72.5°	906.3	670.8	96.9	47.8	51.4	75.3	108.8	165.0	205.7	229.6	226.0
75°	740.1	496.2	69.4	43.0	46.6	72.9	110.0	171.0	220.0	245.1	239.1
77.5°	521.3	284.6	55.0	37.1	41.8	69.4	108.8	168.6	227.2	249.9	242.7
80°	220.0	102.8	45.4	33.5	35.9	62.2	100.4	161.4	227.2	264.3	260.7
82.5°	99.2	72.9	39.5	29.9	33.5	51.4	93.3	155.4	220.0	265.4	287.0
85°	77.7	59.8	33.5	26.3	29.9	49.0	83.7	148.3	210.4	245.1	269.0
87.5°	74.1	59.8	29.9	23.9	27.5	41.8	64.6	137.5	188.9	226.0	245.1
90°	80.1	62.2	23.9	20.3	25.1	37.1	52.6	116.0	163.8	198.5	198.5
92.5°	74.1	57.4	17.9	15.5	26.3	29.9	50.2	71.7	118.4	99.2	123.2
95°	62.2	47.8	12.0	10.8	25.1	25.1	27.5	33.5	82.5	2.4	0.0
97.5°	45.4	34.7	7.2	6.0	19.1	20.3	13.2	15.5	33.5	0.0	0.0
100°	33.5	22.7	4.8	4.8	12.0	16.7	8.4	8.4	0.0	0.0	0.0
102.5°	17.9	12.0	3.6	2.4	6.0	9.6	3.6	2.4	0.0	0.0	0.0
105°	9.6	4.8	1.2	1.2	1.2	1.2	0.0	0.0	0.0	0.0	0.0
107.5°	2.4	1.2	1.2	1.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0
110°	1.2	1.2	1.2	1.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
112.5°	1.2	1.2	1.2	1.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0
115°	1.2	1.2	1.2	1.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	1.2	1.2	1.2	1.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0
120°	1.2	1.2	1.2	1.2	1.2	1.2	0.0	0.0	0.0	0.0	0.0
122.5°	1.2	1.2	1.2	1.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0
125°	1.2	1.2	1.2	1.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	1.2	1.2	1.2	1.2	1.2	1.2	0.0	0.0	0.0	0.0	0.0
130°	1.2	1.2	1.2	1.2	1.2	1.2	0.0	0.0	0.0	0.0	0.0
132.5°	1.2	1.2	1.2	1.2	1.2	1.2	0.0	0.0	0.0	0.0	0.0
135°	1.2	1.2	1.2	1.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	1.2	1.2	1.2	1.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0
140°	1.2	1.2	1.2	1.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	1.2	1.2	1.2	1.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0
145°	1.2	1.2	1.2	1.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	1.2	1.2	1.2	1.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0
150°	1.2	1.2	1.2	1.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	1.2	1.2	1.2	1.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0
155°	1.2	1.2	1.2	1.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	1.2	1.2	1.2	1.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0
160°	1.2	1.2	1.2	1.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	1.2	1.2	1.2	1.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0
165°	1.2	1.2	1.2	1.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	1.2	1.2	1.2	1.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0
170°	1.2	1.2	1.2	1.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	1.2	1.2	1.2	1.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0
175°	1.2	1.2	1.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	1.2	1.2	1.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)