

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: P691215

Luminaire Tested: **CRTK2-C015-5TLD-U-T2-7050-SR-CARETAKER-HSS-CRTK2**

Issue Date: 6/13/2023

**Test Information**

Test Method: LM-79-08  
Report Number: P691215  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-903-6)  
Test Lab: INNOVATION CENTER  
Issue Date: 6/13/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: CRTK2-C015-5TLD-U-T2-7050-SR-CARETAKER-HSS-CRTK2  
Description: CARETAKER AREA AND ROADWAY LUMINAIRE  
(1) 70 CRI, 5000K LED WITH TYPE II OPTIC AND SR REFRACTOR WITH HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4151.9 lumens  
Efficiency: N/A  
Efficacy: 127.0 lumens/watt  
Luminous Opening: Vertical Cylinder (Dia: 0.33' x H: 0.29')  
IES Classification: Type III - Short  
BUG Rating: B1 - U2 - G2

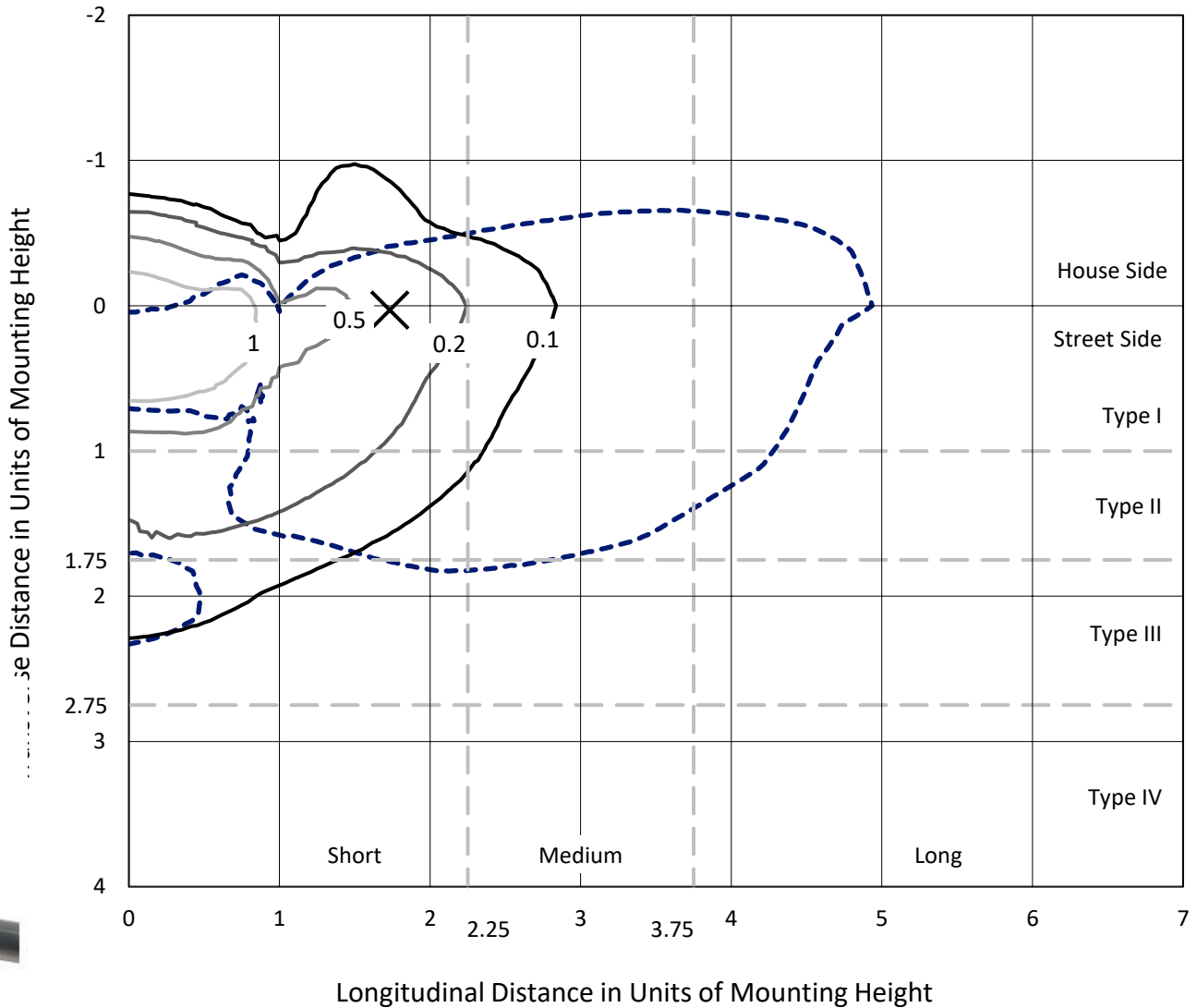
Input Watts (W): 32.7  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

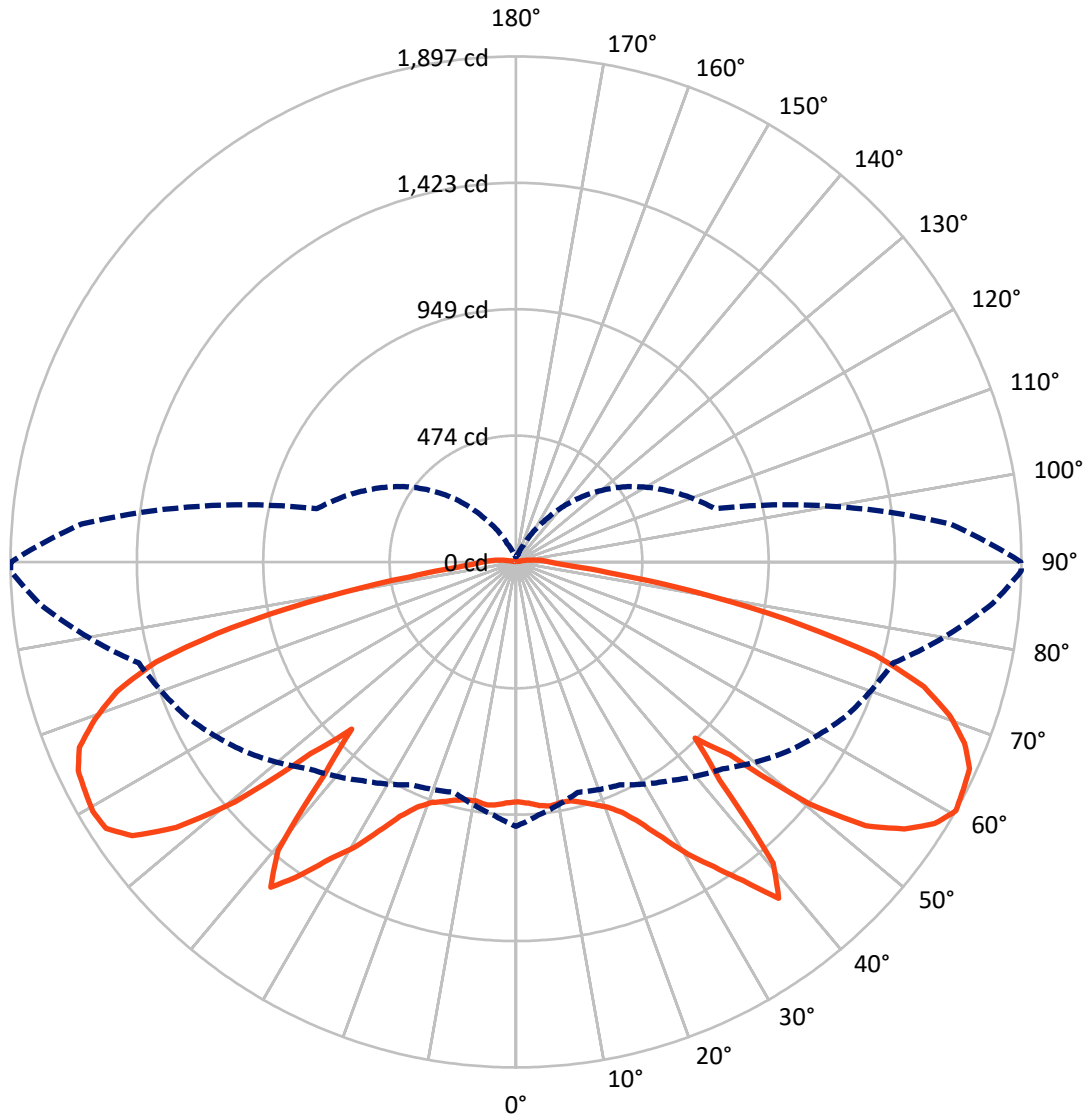
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.6 fc  
 Type III - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 89-Deg Lateral      - - - Horizontal Cone Through 60-Deg Vertical

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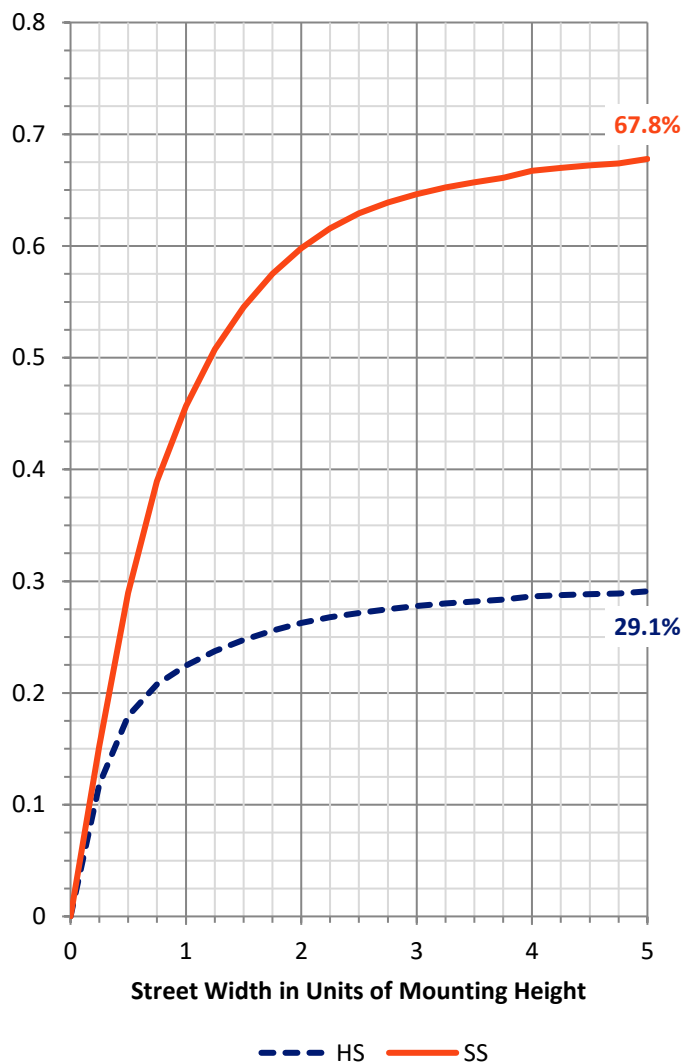
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	1232.6	23.1	1255.7
	% Fixture	29.7	0.6	30.2
<b>Street Side</b>	Lumens	2851.7	44.6	2896.2
	% Fixture	68.7	1.1	69.8
<b>Total</b>	Lumens	4084.2	67.7	4151.9
	% Fixture	98.4	1.6	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	86.5	2.1
10°-20°	255.4	6.2
20°-30°	421.5	10.2
30°-40°	571.8	13.8
40°-50°	476.3	11.5
50°-60°	659.6	15.9
60°-70°	812.9	19.6
70°-80°	615.5	14.8
80°-90°	184.7	4.4
90°-100°	47.9	1.2
100°-110°	10.9	0.3
110°-120°	5.1	0.1
120°-130°	3.5	0.1
130°-140°	0.3	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°	4084.2	98.4
0°-180°	4151.9	100.0

**Coefficient of Utilization**



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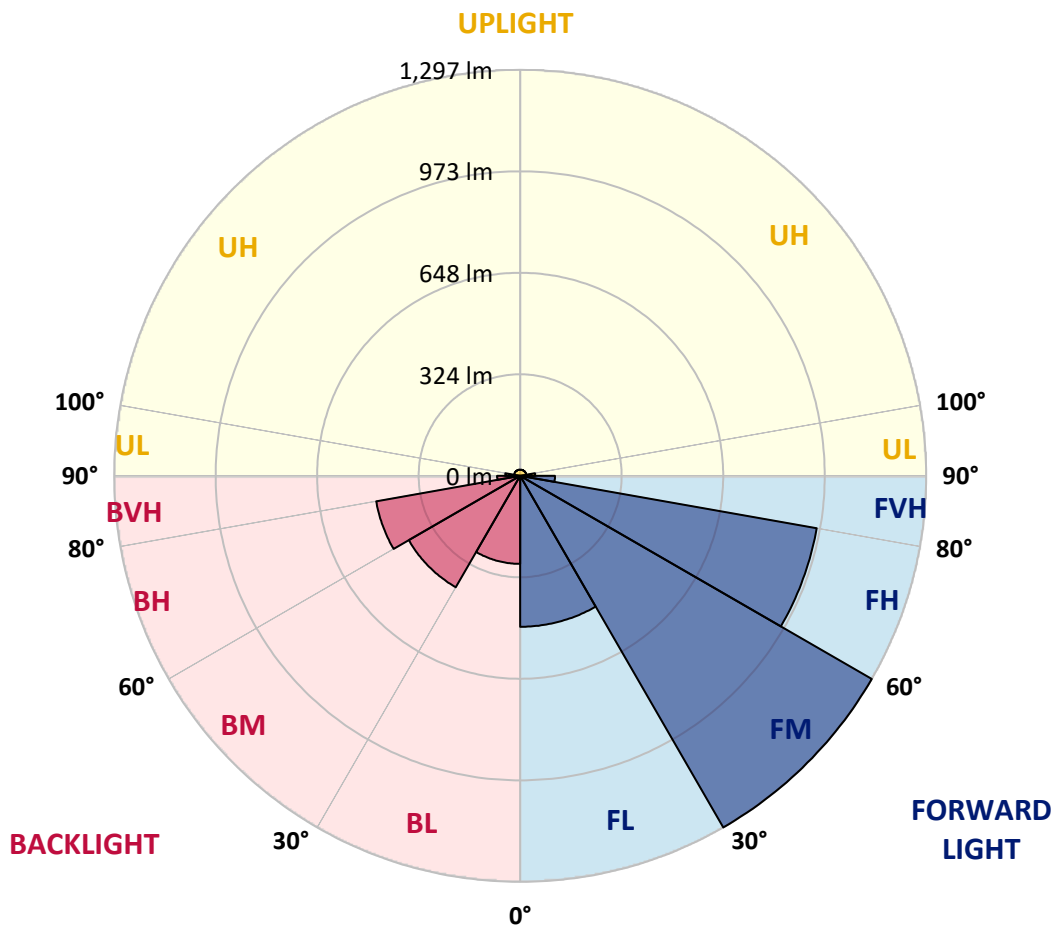
CATALOG NUMBER: CRTK2-C015-5TLD-U-T2-7050-SR-CARETAKER-HSS-CRTK2

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	482.3	11.6			
FM (30°-60°)	1296.7	31.2			
FH (60°-80°)	961.6	23.2			G1/1800
FVH (80°-90°)	111.1	2.7			G2/225
BL (0°-30°)	281.1	6.8	B1/500		
BM (30°-60°)	410.9	9.9	B1/1000		
BH (60°-80°)	466.9	11.2	B1/500		G1/500
BVH (80°-90°)	73.6	1.8			G1/100
UL (90°-100°)	47.9	1.2		U2/50	
UH (100°-180°)	19.8	0.5		U2/50	

**BUG Rating: B1-U2-G2**

Type III Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	89°
0°	899.9	899.9	899.9	899.9	899.9	899.9	899.9	899.9	899.9	899.9	899.9
2.5°	944.4	939.5	939.5	939.5	929.6	929.6	923.0	919.7	913.1	908.1	906.5
5°	998.8	995.5	995.5	993.8	984.0	977.4	964.2	952.6	942.8	926.3	918.0
7.5°	1041.6	1036.7	1036.7	1035.1	1025.2	1016.9	1002.1	975.7	955.9	937.8	924.6
10°	1056.5	1054.8	1053.2	1048.2	1040.0	1033.4	1020.2	995.5	964.2	934.5	918.0
12.5°	1084.5	1084.5	1079.6	1073.0	1066.4	1059.8	1041.6	1021.9	987.3	941.1	919.7
15°	1120.8	1117.5	1114.2	1110.9	1105.9	1096.0	1079.6	1054.8	1015.3	959.2	936.2
17.5°	1135.6	1133.9	1133.9	1135.6	1133.9	1127.4	1124.1	1096.0	1054.8	984.0	957.6
20°	1138.9	1140.5	1143.8	1155.4	1158.7	1155.4	1160.3	1143.8	1096.0	1016.9	982.3
22.5°	1158.7	1162.0	1168.6	1180.1	1185.0	1190.0	1194.9	1208.1	1160.3	1068.0	1020.2
25°	1150.4	1153.7	1173.5	1191.6	1209.8	1224.6	1255.9	1285.6	1251.0	1143.8	1082.9
27.5°	1129.0	1135.6	1170.2	1206.5	1251.0	1290.5	1348.2	1384.5	1356.4	1239.4	1170.2
30°	1147.1	1147.1	1170.2	1222.9	1280.6	1369.6	1445.4	1486.7	1466.9	1331.7	1272.4
32.5°	1109.2	1119.1	1166.9	1246.0	1335.0	1448.7	1522.9	1595.4	1602.0	1455.3	1363.0
35°	992.2	1008.7	1048.2	1153.7	1290.5	1488.3	1618.5	1715.7	1747.1	1603.7	1468.5
37.5°	817.5	829.0	898.3	1003.7	1166.9	1356.4	1565.8	1786.6	1874.0	1699.3	1602.0
40°	723.5	731.8	773.0	860.3	1010.3	1193.3	1358.1	1570.7	1618.5	1550.9	1486.7
42.5°	692.2	705.4	756.5	837.3	959.2	1087.8	1114.2	1193.3	1168.6	1176.8	1120.8
45°	735.1	740.0	777.9	848.8	923.0	957.6	923.0	977.4	1003.7	998.8	942.8
47.5°	756.5	764.8	806.0	896.6	896.6	898.3	941.1	974.1	1049.9	1120.8	1081.2
50°	649.4	660.9	736.7	809.3	820.8	957.6	1069.7	1133.9	1213.1	1402.6	1425.7
52.5°	611.5	619.7	702.1	847.2	931.2	1071.3	1140.5	1199.9	1267.4	1580.6	1644.9
55°	669.2	684.0	781.2	931.2	1023.5	1107.6	1196.6	1282.3	1354.8	1720.7	1768.5
57.5°	773.0	801.0	860.3	944.4	1031.8	1107.6	1226.2	1331.7	1427.3	1775.1	1852.5
60°	992.2	954.3	895.0	923.0	1002.1	1097.7	1241.1	1368.0	1465.2	1794.9	1897.0
62.5°	1094.4	1066.4	921.3	883.4	952.6	1063.1	1213.1	1368.0	1452.0	1757.0	1883.9
65°	1058.1	1035.1	931.2	837.3	891.7	1015.3	1170.2	1348.2	1422.4	1709.2	1870.7
67.5°	901.6	878.5	845.5	810.9	834.0	967.5	1130.6	1311.9	1389.4	1669.6	1816.3
70°	733.4	720.3	708.7	735.1	777.9	895.0	1051.5	1231.2	1323.5	1574.0	1727.3
72.5°	624.7	616.4	596.6	623.0	690.6	797.7	932.9	1112.5	1222.9	1412.5	1600.4
75°	530.7	525.8	519.2	532.4	575.2	675.8	782.9	959.2	1092.7	1232.8	1391.1
77.5°	430.2	423.6	438.4	441.7	474.7	547.2	616.4	763.1	911.4	967.5	1038.3
80°	313.2	319.7	344.5	334.6	359.3	384.0	433.5	497.7	614.8	677.4	682.3
82.5°	219.2	225.8	248.9	224.2	230.7	232.4	250.5	273.6	321.4	374.1	380.7
85°	154.9	158.2	163.2	145.0	145.0	145.0	156.6	169.8	194.5	215.9	220.9
87.5°	110.4	110.4	117.0	110.4	108.8	107.1	113.7	118.7	133.5	148.3	151.6
90°	82.4	82.4	85.7	82.4	82.4	82.4	89.0	93.9	107.1	120.3	122.0
92.5°	59.3	59.3	64.3	62.6	62.6	64.3	70.9	74.2	85.7	98.9	100.5
95°	46.1	46.1	49.4	47.8	47.8	51.1	56.0	59.3	67.6	74.2	75.8
97.5°	33.0	33.0	34.6	34.6	34.6	34.6	37.9	42.9	52.7	52.7	51.1
100°	23.1	23.1	24.7	23.1	23.1	24.7	24.7	28.0	33.0	31.3	31.3
102.5°	16.5	16.5	16.5	16.5	16.5	14.8	14.8	16.5	18.1	16.5	16.5
105°	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	9.9
107.5°	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	8.2	8.2
110°	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	6.6



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	89°
112.5°	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	6.6	6.6
115°	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	6.6	6.6
117.5°	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
120°	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
122.5°	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
125°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	6.6	6.6	4.9
127.5°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
130°	4.9	3.3	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	3.3
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	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





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**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	899.9	899.9	899.9	899.9	899.9	899.9	899.9	899.9	899.9	899.9	899.9
2.5°	904.8	901.6	891.7	880.1	870.2	862.0	853.8	847.2	845.5	842.2	845.5
5°	916.4	904.8	881.8	866.9	853.8	840.6	827.4	820.8	815.8	812.5	812.5
7.5°	921.3	904.8	878.5	858.7	830.7	802.7	786.2	773.0	768.0	773.0	773.0
10°	913.1	893.3	862.0	832.3	794.4	771.3	748.3	736.7	730.1	730.1	725.2
12.5°	916.4	893.3	847.2	802.7	771.3	730.1	702.1	688.9	679.0	682.3	682.3
15°	929.6	898.3	834.0	789.5	735.1	702.1	667.5	659.3	657.6	652.7	649.4
17.5°	949.3	903.2	830.7	759.8	703.8	664.2	631.3	616.4	608.2	603.2	601.6
20°	970.8	909.8	820.8	731.8	670.8	619.7	580.2	560.4	553.8	553.8	550.5
22.5°	1007.0	932.9	812.5	718.6	626.3	575.2	535.7	507.6	494.5	492.8	491.2
25°	1066.4	977.4	820.8	688.9	599.9	524.1	479.6	454.9	440.1	435.1	435.1
27.5°	1157.0	1038.3	832.3	672.5	545.5	476.3	426.9	389.0	367.5	369.2	370.8
30°	1254.3	1129.0	865.3	646.1	510.9	408.7	349.4	319.7	300.0	293.4	290.1
32.5°	1333.4	1222.9	913.1	624.7	446.7	326.3	275.2	253.8	232.4	214.3	207.7
35°	1455.3	1302.1	954.3	593.3	393.9	267.0	222.5	189.5	171.4	163.2	159.9
37.5°	1565.8	1379.5	985.6	586.7	319.7	229.1	176.4	141.7	123.6	122.0	122.0
40°	1432.3	1282.3	962.5	534.0	252.2	178.0	126.9	100.5	87.4	80.8	80.8
42.5°	1096.0	982.3	733.4	445.0	181.3	120.3	80.8	75.8	74.2	67.6	67.6
45°	918.0	725.2	445.0	232.4	85.7	65.9	57.7	57.7	59.3	64.3	64.3
47.5°	1102.6	857.1	328.0	166.5	84.1	57.7	51.1	46.1	42.9	41.2	41.2
50°	1427.3	1219.6	418.6	197.8	100.5	59.3	46.1	41.2	39.6	37.9	34.6
52.5°	1664.7	1429.0	552.1	301.6	161.5	75.8	46.1	34.6	26.4	23.1	21.4
55°	1808.0	1611.9	651.0	433.5	262.1	126.9	57.7	31.3	23.1	19.8	18.1
57.5°	1885.5	1633.3	733.4	552.1	385.7	225.8	100.5	37.9	23.1	18.1	18.1
60°	1895.4	1636.6	773.0	631.3	491.2	342.8	191.2	74.2	29.7	21.4	19.8
62.5°	1887.2	1608.6	782.9	662.6	555.4	438.4	301.6	146.7	46.1	24.7	23.1
65°	1872.3	1610.3	738.4	634.5	555.4	469.7	349.4	192.8	65.9	28.0	26.4
67.5°	1822.9	1605.3	713.7	573.6	502.7	420.3	313.2	179.7	75.8	34.6	33.0
70°	1722.3	1546.0	698.8	548.8	471.4	374.1	263.7	143.4	85.7	59.3	64.3
72.5°	1608.6	1438.9	684.0	527.4	459.8	372.5	265.4	154.9	115.4	97.2	103.8
75°	1438.9	1252.6	657.6	506.0	453.2	384.0	268.7	146.7	108.8	87.4	85.7
77.5°	1107.6	1041.6	599.9	453.2	412.0	354.4	229.1	112.1	80.8	61.0	59.3
80°	723.5	715.3	468.1	365.9	347.8	313.2	191.2	87.4	64.3	49.4	46.1
82.5°	408.7	392.3	291.7	230.7	245.6	253.8	154.9	65.9	49.4	39.6	36.3
85°	232.4	235.7	169.8	125.3	126.9	150.0	100.5	46.1	31.3	23.1	21.4
87.5°	159.9	164.8	110.4	84.1	75.8	70.9	52.7	28.0	18.1	11.5	8.2
90°	130.2	130.2	82.4	61.0	52.7	46.1	29.7	16.5	13.2	6.6	4.9
92.5°	105.5	110.4	69.2	49.4	41.2	36.3	23.1	11.5	8.2	4.9	3.3
95°	79.1	84.1	56.0	41.2	33.0	28.0	19.8	9.9	6.6	3.3	3.3
97.5°	54.4	54.4	39.6	31.3	26.4	21.4	14.8	8.2	4.9	3.3	3.3
100°	31.3	33.0	23.1	19.8	18.1	16.5	9.9	6.6	3.3	1.6	1.6
102.5°	16.5	16.5	11.5	11.5	9.9	9.9	8.2	4.9	3.3	1.6	1.6
105°	9.9	9.9	8.2	8.2	6.6	6.6	4.9	3.3	1.6	0.0	1.6
107.5°	8.2	8.2	6.6	6.6	4.9	4.9	3.3	3.3	1.6	0.0	0.0
110°	6.6	6.6	4.9	4.9	4.9	3.3	3.3	1.6	1.6	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
112.5°	6.6	6.6	4.9	4.9	3.3	3.3	3.3	1.6	1.6	0.0	0.0
115°	6.6	4.9	4.9	3.3	3.3	3.3	1.6	1.6	0.0	0.0	0.0
117.5°	6.6	4.9	3.3	3.3	3.3	1.6	1.6	1.6	0.0	0.0	0.0
120°	6.6	4.9	3.3	3.3	3.3	3.3	1.6	1.6	0.0	0.0	0.0
122.5°	6.6	4.9	3.3	3.3	3.3	1.6	1.6	1.6	0.0	0.0	0.0
125°	4.9	4.9	3.3	3.3	1.6	1.6	1.6	1.6	0.0	0.0	0.0
127.5°	4.9	4.9	3.3	3.3	1.6	1.6	1.6	1.6	0.0	0.0	0.0
130°	4.9	4.9	3.3	3.3	1.6	1.6	1.6	1.6	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	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)