

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: P695607

Luminaire Tested: **LXF.LXT-PA16-60-730-U-SL3-CL**

Issue Date: 7/5/2023

**Test Information**

Test Method: LM-79-08  
Report Number: P695607  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2306-062-28)  
Test Lab: INNOVATION CENTER  
Issue Date: 7/5/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: LXF.LXT-PA16-60-730-U-SL3-CL  
Description: DECORATIVE POST TOP LUMINAIRE  
(1) 70 CRI, 3000K, 1160mA LIGHTSQUARE WITH 16 LEDS AND TYPE III SPILL  
LIGHT ELIMINATOR OPTICS AND CLEAR LENS PANELS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5805.1 lumens  
Efficiency: N/A  
Efficacy: 93.6 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 1.17' x L: 1.17' x H: 0.83')  
IES Classification: Type IV - Medium  
BUG Rating: B1 - U3 - G3

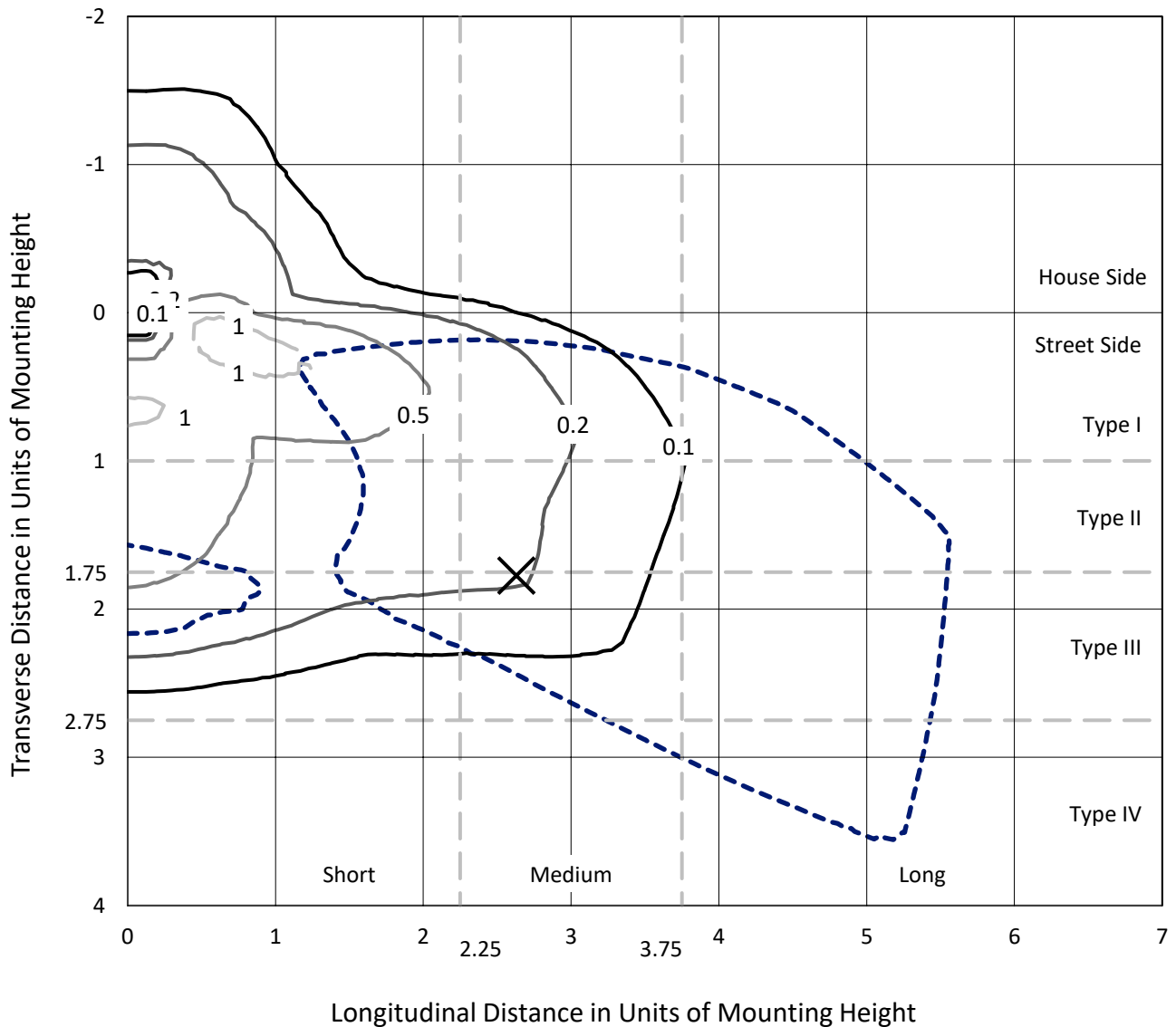
Input Watts (W): 62  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

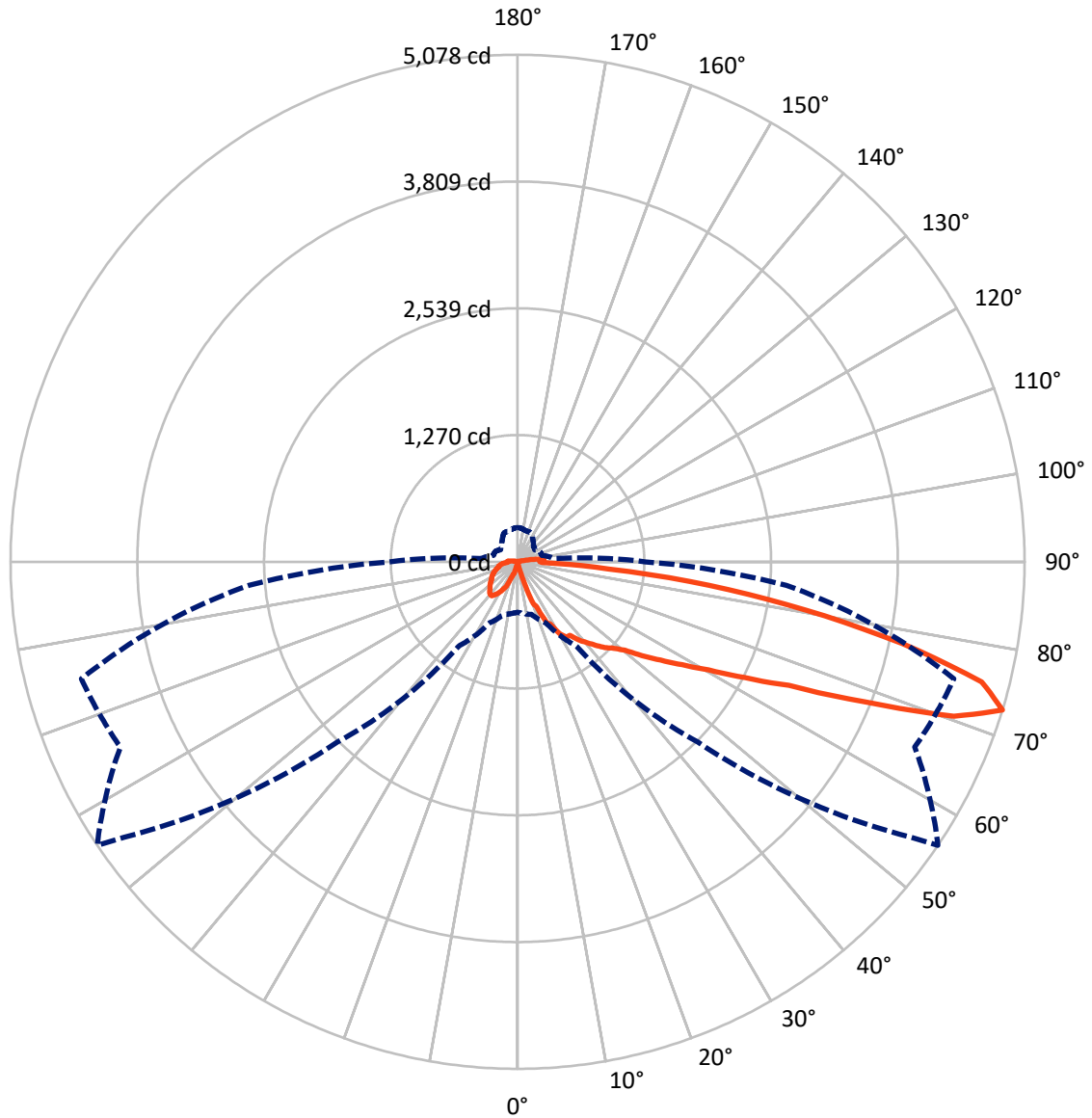
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.3 fc  
 Type IV - Medium - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 56-Deg Lateral      - - - Horizontal Cone Through 72.5-Deg Vertical

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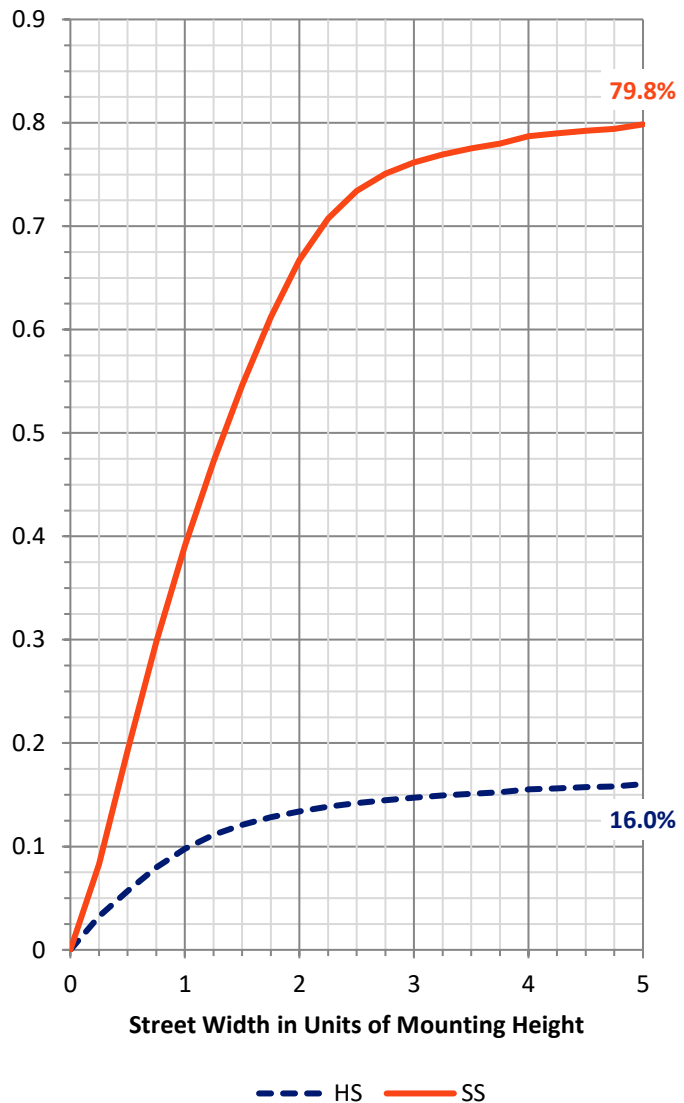
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	991.6	62.9	1054.5
	% Fixture	17.1	1.1	18.2
<b>Street Side</b>	Lumens	4684.3	66.3	4750.6
	% Fixture	80.7	1.1	81.8
<b>Total</b>	Lumens	5675.9	129.2	5805.1
	% Fixture	97.8	2.2	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	0.8	0.0
10°-20°	47.7	0.8
20°-30°	224.4	3.9
30°-40°	494.0	8.5
40°-50°	740.8	12.8
50°-60°	1091.0	18.8
60°-70°	1514.8	26.1
70°-80°	1220.5	21.0
80°-90°	342.0	5.9
90°-100°	92.1	1.6
100°-110°	17.8	0.3
110°-120°	7.0	0.1
120°-130°	5.4	0.1
130°-140°	3.7	0.1
140°-150°	2.8	0.0
150°-160°	0.3	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	5675.9	97.8
0°-180°	5805.1	100.0

**Coefficient of Utilization**

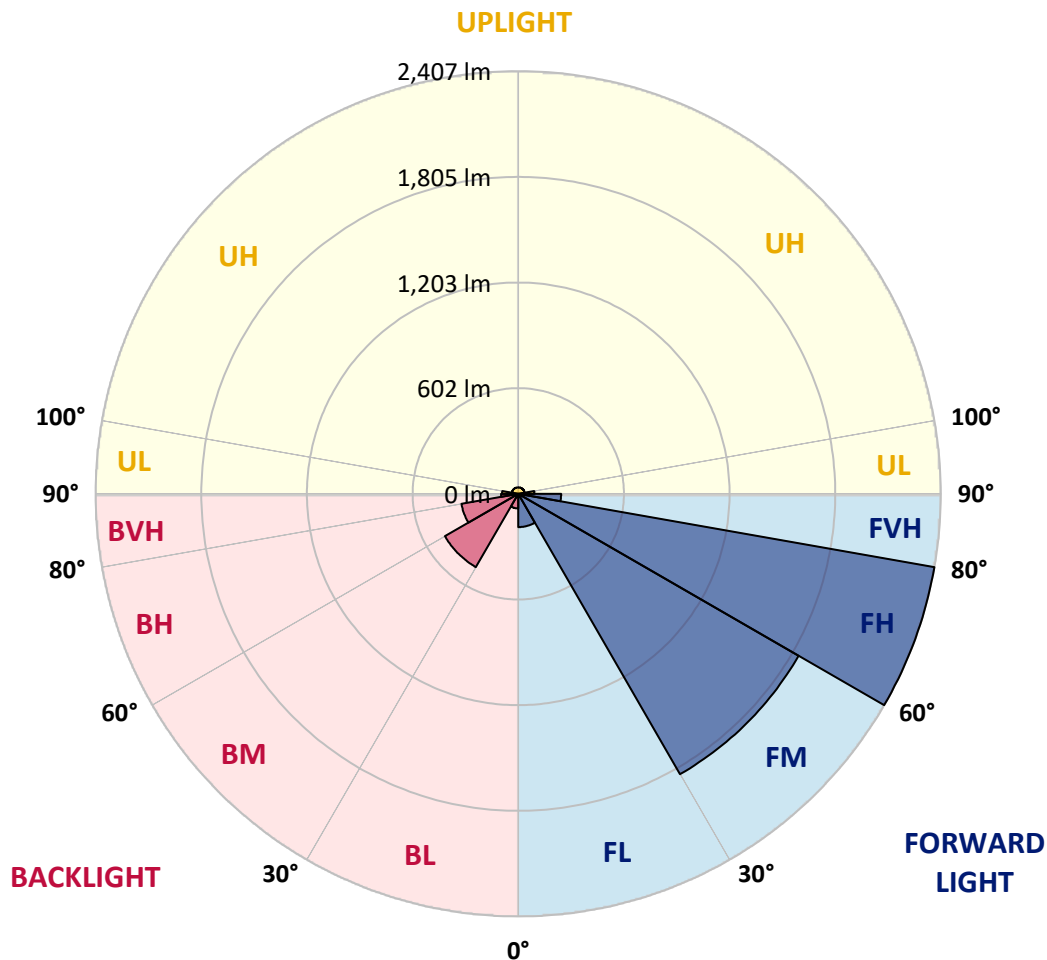


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	189.6	3.3			
FM (30°-60°)	1843.7	31.8			
FH (60°-80°)	2406.9	41.5			G2/5000
FVH (80°-90°)	244.1	4.2			G3/500
BL (0°-30°)	83.3	1.4	B0/110		
BM (30°-60°)	482.1	8.3	B1/1000		
BH (60°-80°)	328.4	5.7	B1/500		G1/500
BVH (80°-90°)	97.9	1.7			G1/100
UL (90°-100°)	92.1	1.6		U3/500	
UH (100°-180°)	37.0	0.6		U2/50	

**BUG Rating: B1-U3-G3**  
 Type IV Medium



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	56°	65°	75°	85°
0°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
2.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
5°	6.4	6.4	6.4	6.4	8.5	8.5	6.4	6.4	6.4	6.4	6.4
7.5°	10.6	10.6	8.5	8.5	8.5	8.5	8.5	8.5	6.4	6.4	6.4
10°	61.6	59.5	53.1	36.1	21.3	10.6	8.5	8.5	8.5	8.5	10.6
12.5°	270.0	267.8	270.0	253.0	68.0	36.1	17.0	17.0	25.5	34.0	44.6
15°	284.8	287.0	287.0	278.5	278.5	119.0	65.9	91.4	261.5	284.8	278.5
17.5°	374.1	361.4	310.3	297.6	304.0	301.8	261.5	261.5	304.0	321.0	316.7
20°	440.0	440.0	442.1	437.9	325.2	416.6	448.5	450.6	359.2	497.4	537.8
22.5°	493.2	497.4	476.2	459.1	495.3	431.5	486.8	486.8	607.9	682.3	654.7
25°	684.5	682.3	644.1	514.4	514.4	522.9	661.1	673.8	761.0	758.9	729.1
27.5°	788.6	788.6	746.1	669.6	569.7	597.3	680.2	710.0	863.0	1096.8	992.7
30°	1065.0	1069.2	975.7	799.3	688.7	635.6	788.6	841.8	1082.0	1152.1	1031.0
32.5°	1145.7	1147.9	1154.2	1022.4	797.1	705.7	860.9	899.2	1160.6	1458.2	1298.8
35°	1169.1	1173.4	1173.4	1079.8	999.1	820.5	875.8	903.4	1381.7	1536.9	1300.9
37.5°	1245.6	1243.5	1226.5	1118.1	1077.7	907.7	967.2	994.8	1473.1	1653.8	1294.5
40°	1354.1	1354.1	1326.4	1192.5	1109.6	996.9	1031.0	1060.7	1579.4	1791.9	1298.8
42.5°	1479.5	1468.8	1437.0	1277.5	1160.6	1052.2	1116.0	1141.5	1689.9	1966.2	1305.2
45°	1630.4	1619.8	1556.0	1396.6	1249.9	1075.6	1177.6	1226.5	1815.3	2151.2	1343.4
47.5°	1774.9	1770.7	1698.4	1515.6	1339.2	1109.6	1224.4	1292.4	1966.2	2387.1	1417.8
50°	1953.5	1932.2	1838.7	1632.5	1419.9	1175.5	1345.5	1390.2	2125.7	2614.6	1530.5
52.5°	2115.0	2076.8	1979.0	1751.6	1517.7	1266.9	1530.5	1560.2	2308.5	2852.7	1660.1
55°	2272.3	2217.1	2083.2	1874.8	1611.3	1373.2	1730.3	1736.7	2516.8	3097.1	1819.6
57.5°	2508.3	2450.9	2257.5	1989.6	1734.5	1509.2	1923.7	1945.0	2723.0	3371.3	2006.6
60°	2835.6	2795.3	2561.4	2261.7	1953.5	1689.9	2155.4	2197.9	2927.0	3645.5	2191.6
62.5°	2961.1	2914.3	2737.9	2529.5	2266.0	2015.1	2442.4	2557.2	3112.0	3921.9	2406.3
65°	2621.0	2621.0	2527.4	2540.2	2461.5	2535.9	2850.5	2984.4	3328.8	4140.8	2591.2
67.5°	1704.8	1713.3	1772.8	2025.8	2306.4	2956.8	3554.1	3739.1	3658.3	4376.8	2746.4
70°	773.7	803.5	933.2	1283.9	1755.8	2982.3	4364.0	4634.0	4040.9	4538.3	2801.6
72.5°	505.9	516.5	546.3	678.1	1033.1	2555.1	4812.5	5078.2	4389.5	4523.4	2701.7
75°	423.0	416.6	433.6	480.4	520.8	1753.7	4578.7	4799.8	4344.9	4255.6	2459.4
77.5°	350.7	344.4	361.4	386.9	308.2	962.9	3807.1	3934.6	3758.2	3637.0	2006.6
80°	270.0	270.0	278.5	312.5	225.3	467.6	2829.3	2924.9	2782.5	2597.6	1201.0
82.5°	184.9	182.8	201.9	240.2	180.7	270.0	1932.2	1934.4	1662.3	1264.8	565.4
85°	82.9	82.9	99.9	138.2	106.3	167.9	882.2	914.0	565.4	403.9	253.0
87.5°	27.6	27.6	29.8	34.0	36.1	78.6	246.6	250.8	218.9	248.7	187.1
90°	25.5	25.5	25.5	25.5	27.6	76.5	221.1	221.1	195.6	231.7	187.1
92.5°	25.5	25.5	23.4	21.3	23.4	70.1	244.5	263.6	214.7	242.3	195.6
95°	25.5	25.5	21.3	19.1	21.3	51.0	244.5	261.5	225.3	210.4	176.4
97.5°	17.0	17.0	14.9	14.9	17.0	29.8	178.6	184.9	144.5	106.3	106.3
100°	14.9	14.9	10.6	10.6	12.8	17.0	95.7	102.0	70.1	34.0	34.0
102.5°	14.9	14.9	8.5	8.5	8.5	10.6	27.6	29.8	25.5	14.9	17.0
105°	17.0	17.0	8.5	6.4	6.4	8.5	12.8	12.8	14.9	12.8	17.0
107.5°	14.9	14.9	6.4	6.4	6.4	6.4	6.4	6.4	8.5	12.8	17.0
110°	10.6	8.5	6.4	6.4	4.3	6.4	6.4	6.4	6.4	10.6	14.9

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**CANDELA DISTRIBUTION (continued):**

	0°	5°	15°	25°	35°	45°	55°	56°	65°	75°	85°
112.5°	6.4	6.4	4.3	4.3	4.3	6.4	4.3	4.3	6.4	8.5	12.8
115°	6.4	6.4	4.3	4.3	4.3	4.3	4.3	4.3	4.3	8.5	10.6
117.5°	6.4	6.4	4.3	4.3	4.3	4.3	4.3	4.3	4.3	8.5	12.8
120°	6.4	6.4	4.3	2.1	4.3	4.3	4.3	4.3	4.3	8.5	12.8
122.5°	6.4	6.4	4.3	2.1	4.3	4.3	4.3	4.3	4.3	8.5	12.8
125°	6.4	6.4	4.3	2.1	4.3	2.1	4.3	4.3	4.3	8.5	10.6
127.5°	6.4	4.3	4.3	2.1	4.3	4.3	4.3	4.3	4.3	6.4	10.6
130°	4.3	4.3	4.3	2.1	4.3	4.3	4.3	4.3	4.3	6.4	10.6
132.5°	4.3	4.3	4.3	2.1	4.3	4.3	4.3	4.3	4.3	6.4	8.5
135°	4.3	4.3	2.1	2.1	4.3	4.3	4.3	4.3	4.3	4.3	6.4
137.5°	4.3	4.3	4.3	2.1	4.3	4.3	4.3	4.3	4.3	4.3	6.4
140°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
142.5°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
145°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	6.4	6.4
147.5°	4.3	6.4	4.3	4.3	4.3	4.3	4.3	4.3	4.3	6.4	6.4
150°	6.4	6.4	4.3	4.3	4.3	4.3	4.3	4.3	4.3	6.4	6.4
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°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
2.5°	6.4	6.4	4.3	4.3	4.3	4.3	6.4	6.4	6.4	6.4	6.4
5°	6.4	6.4	4.3	4.3	4.3	4.3	4.3	4.3	6.4	6.4	6.4
7.5°	6.4	6.4	4.3	4.3	4.3	4.3	4.3	4.3	6.4	6.4	6.4
10°	8.5	8.5	6.4	4.3	4.3	4.3	4.3	4.3	6.4	6.4	6.4
12.5°	51.0	44.6	34.0	19.1	8.5	4.3	4.3	4.3	6.4	8.5	8.5
15°	265.7	248.7	199.8	131.8	42.5	10.6	6.4	19.1	59.5	80.8	78.6
17.5°	304.0	278.5	208.3	144.5	116.9	53.1	55.3	99.9	116.9	125.4	123.3
20°	525.0	433.6	257.2	167.9	136.0	127.5	112.7	127.5	144.5	155.2	157.3
22.5°	597.3	497.4	306.1	250.8	174.3	180.7	167.9	161.6	229.6	246.6	250.8
25°	646.2	516.5	321.0	282.7	265.7	210.4	231.7	238.1	265.7	276.3	278.5
27.5°	829.0	607.9	395.4	323.1	297.6	265.7	274.2	274.2	304.0	355.0	357.1
30°	818.4	571.8	414.5	378.4	333.7	312.5	299.7	348.6	386.9	397.5	399.6
32.5°	958.7	618.6	463.4	399.6	372.0	331.6	355.0	382.6	406.0	435.8	452.8
35°	877.9	559.1	482.5	448.5	393.2	363.5	384.7	410.3	488.9	514.4	514.4
37.5°	788.6	510.2	465.5	452.8	423.0	386.9	393.2	463.4	499.5	488.9	488.9
40°	707.8	476.2	450.6	444.3	425.1	386.9	416.6	450.6	484.7	476.2	476.2
42.5°	656.8	454.9	435.8	431.5	416.6	380.5	403.9	444.3	482.5	467.6	465.5
45°	637.7	435.8	425.1	416.6	393.2	365.6	395.4	448.5	478.3	461.3	459.1
47.5°	656.8	425.1	414.5	403.9	374.1	342.2	399.6	442.1	469.8	444.3	440.0
50°	718.5	425.1	401.8	386.9	359.2	342.2	393.2	427.3	448.5	418.8	412.4
52.5°	799.3	433.6	389.0	367.7	344.4	340.1	384.7	418.8	431.5	399.6	397.5
55°	909.8	448.5	372.0	352.9	321.0	331.6	384.7	420.9	416.6	380.5	378.4
57.5°	1022.4	465.5	357.1	342.2	306.1	321.0	380.5	423.0	397.5	352.9	352.9
60°	1143.6	486.8	338.0	329.5	295.5	306.1	367.7	418.8	378.4	331.6	331.6
62.5°	1264.8	497.4	323.1	316.7	282.7	291.2	352.9	406.0	372.0	327.4	327.4
65°	1362.6	486.8	308.2	299.7	265.7	274.2	331.6	395.4	361.4	329.5	331.6
67.5°	1417.8	457.0	293.3	287.0	248.7	257.2	306.1	372.0	344.4	327.4	331.6
70°	1392.3	406.0	274.2	265.7	231.7	242.3	282.7	344.4	333.7	327.4	333.7
72.5°	1281.8	367.7	250.8	246.6	210.4	225.3	267.8	321.0	321.0	340.1	342.2
75°	1141.5	327.4	231.7	227.4	195.6	206.2	261.5	293.3	299.7	325.2	331.6
77.5°	926.8	274.2	204.1	208.3	191.3	191.3	248.7	276.3	282.7	312.5	314.6
80°	567.6	201.9	176.4	187.1	176.4	182.8	233.8	257.2	261.5	301.8	306.1
82.5°	282.7	142.4	150.9	165.8	157.3	180.7	223.2	244.5	265.7	306.1	308.2
85°	144.5	87.2	114.8	133.9	136.0	199.8	218.9	253.0	248.7	276.3	282.7
87.5°	91.4	44.6	65.9	72.3	102.0	189.2	193.4	208.3	204.1	235.9	235.9
90°	89.3	36.1	57.4	55.3	102.0	161.6	148.8	150.9	161.6	199.8	201.9
92.5°	93.5	34.0	59.5	55.3	108.4	127.5	119.0	114.8	127.5	150.9	155.2
95°	82.9	31.9	63.8	59.5	93.5	85.0	76.5	85.0	82.9	82.9	85.0
97.5°	48.9	23.4	61.6	59.5	74.4	44.6	51.0	63.8	48.9	36.1	34.0
100°	21.3	14.9	59.5	57.4	46.8	27.6	42.5	53.1	36.1	14.9	14.9
102.5°	12.8	12.8	42.5	53.1	27.6	14.9	31.9	36.1	21.3	12.8	12.8
105°	12.8	12.8	21.3	31.9	10.6	8.5	14.9	17.0	10.6	10.6	10.6
107.5°	12.8	12.8	10.6	10.6	8.5	8.5	8.5	8.5	8.5	10.6	10.6
110°	12.8	12.8	8.5	10.6	8.5	6.4	6.4	6.4	8.5	10.6	10.6

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**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
112.5°	10.6	10.6	8.5	8.5	6.4	6.4	6.4	6.4	8.5	10.6	10.6
115°	10.6	10.6	8.5	6.4	6.4	6.4	6.4	6.4	8.5	10.6	10.6
117.5°	10.6	8.5	6.4	6.4	6.4	6.4	6.4	6.4	8.5	12.8	12.8
120°	10.6	8.5	6.4	6.4	4.3	4.3	6.4	6.4	8.5	12.8	12.8
122.5°	10.6	10.6	6.4	6.4	4.3	4.3	4.3	6.4	8.5	12.8	12.8
125°	10.6	8.5	6.4	6.4	4.3	4.3	4.3	4.3	8.5	12.8	12.8
127.5°	10.6	8.5	6.4	4.3	4.3	4.3	4.3	4.3	8.5	12.8	12.8
130°	8.5	8.5	6.4	4.3	4.3	4.3	4.3	4.3	8.5	10.6	12.8
132.5°	8.5	6.4	4.3	4.3	4.3	4.3	4.3	4.3	6.4	10.6	10.6
135°	6.4	6.4	4.3	4.3	4.3	4.3	4.3	4.3	6.4	8.5	8.5
137.5°	6.4	4.3	4.3	4.3	4.3	4.3	4.3	4.3	6.4	6.4	6.4
140°	4.3	4.3	4.3	4.3	2.1	2.1	4.3	4.3	4.3	6.4	6.4
142.5°	4.3	4.3	4.3	4.3	2.1	4.3	4.3	4.3	6.4	6.4	6.4
145°	6.4	4.3	4.3	4.3	2.1	2.1	4.3	4.3	6.4	6.4	6.4
147.5°	6.4	4.3	4.3	4.3	2.1	2.1	4.3	4.3	6.4	6.4	6.4
150°	6.4	6.4	4.3	4.3	2.1	2.1	4.3	4.3	6.4	6.4	6.4
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)