

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: P695608

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

Issue Date: 7/5/2023

**Test Information**

Test Method: LM-79-08  
Report Number: P695608  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2306-062-29)  
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-FL  
Description: DECORATIVE POST TOP LUMINAIRE  
(1) 70 CRI, 3000K, 1160mA LIGHTSQUARE WITH 16 LEDS AND TYPE III SPILL  
LIGHT ELIMINATOR OPTICS AND FROSTED LENS PANELS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5490 lumens  
Efficiency: N/A  
Efficacy: 88.5 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

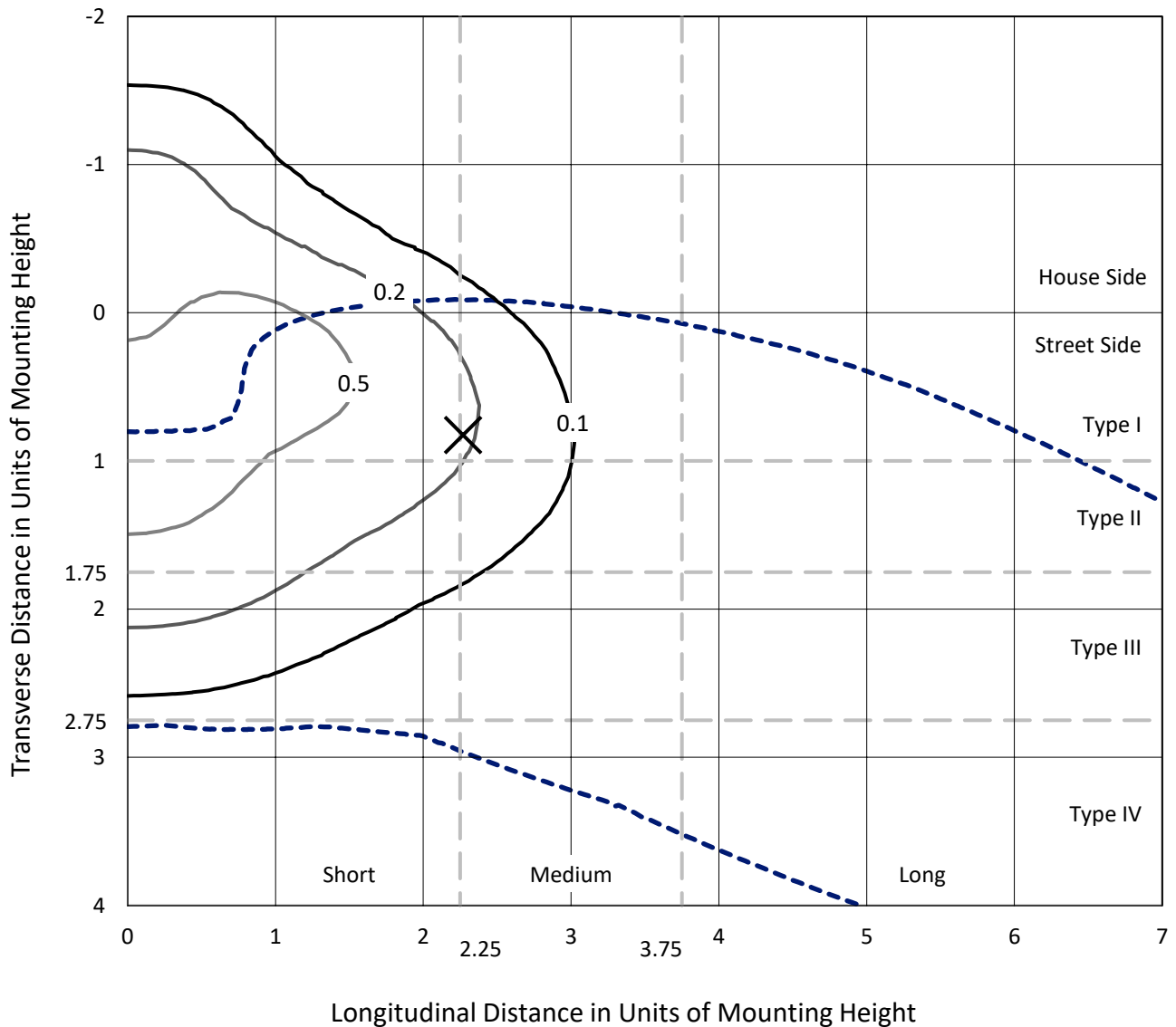
Input Watts (W): 62  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

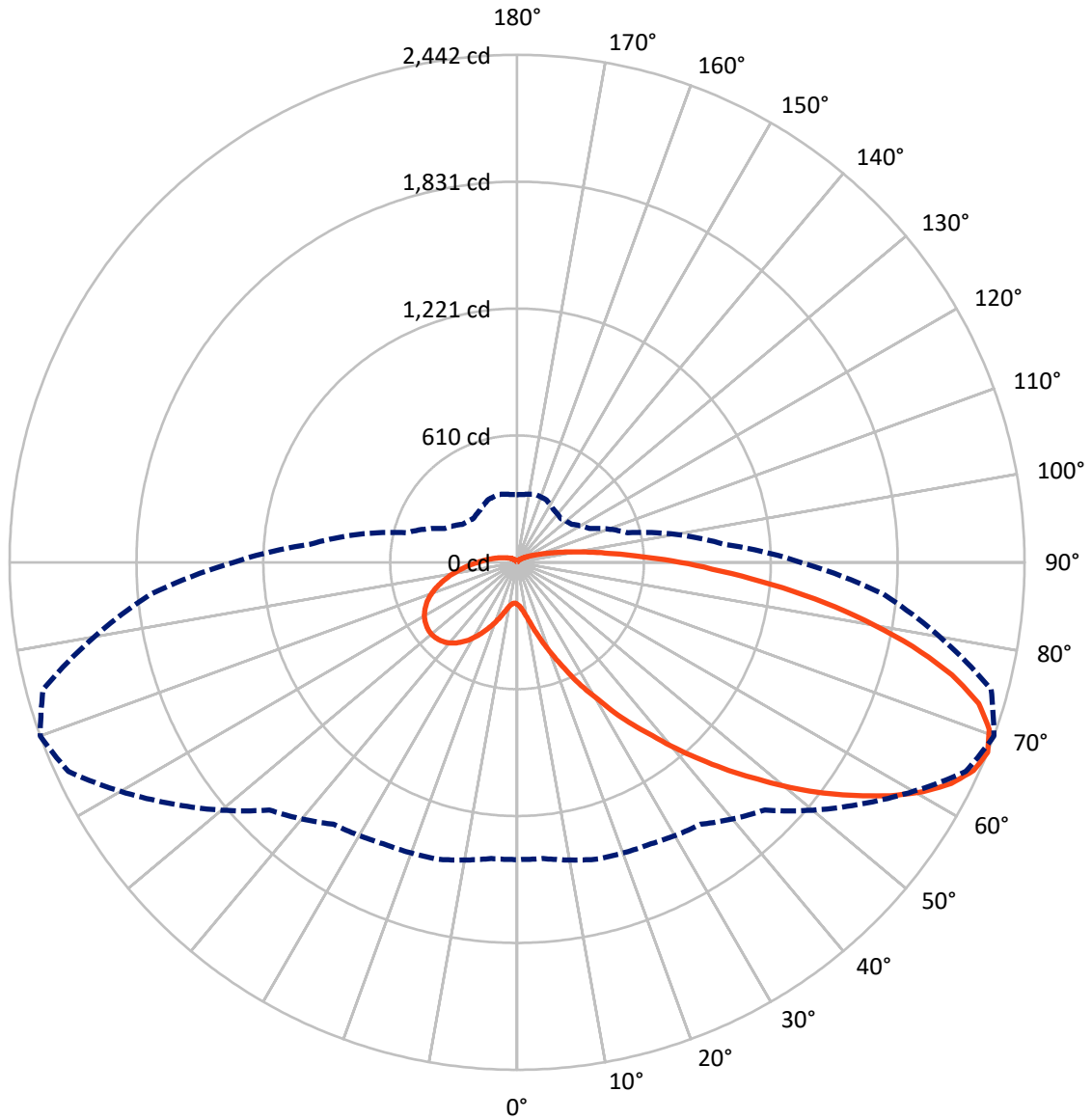
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 0.9 fc  
 Type IV - Medium - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 70-Deg Lateral      - - - Horizontal Cone Through 67.5-Deg Vertical

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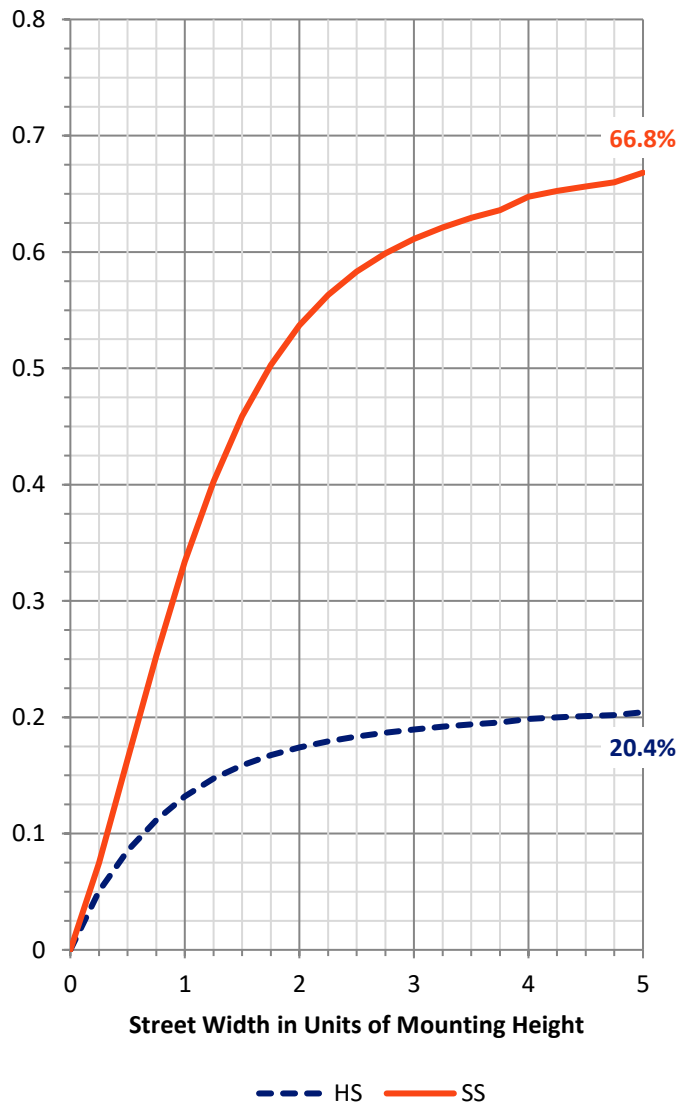
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	1183.5	161.2	1344.7
	% Fixture	21.6	2.9	24.5
<b>Street Side</b>	Lumens	3843.7	301.7	4145.4
	% Fixture	70.0	5.5	75.5
<b>Total</b>	Lumens	5027.2	462.8	5490.0
	% Fixture	91.6	8.4	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	21.1	0.4
10°-20°	86.9	1.6
20°-30°	219.0	4.0
30°-40°	429.0	7.8
40°-50°	698.5	12.7
50°-60°	978.6	17.8
60°-70°	1122.5	20.4
70°-80°	934.3	17.0
80°-90°	537.3	9.8
90°-100°	246.5	4.5
100°-110°	112.8	2.1
110°-120°	55.5	1.0
120°-130°	28.7	0.5
130°-140°	13.9	0.3
140°-150°	5.1	0.1
150°-160°	0.3	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	5027.2	91.6
0°-180°	5490.0	100.0

**Coefficient of Utilization**

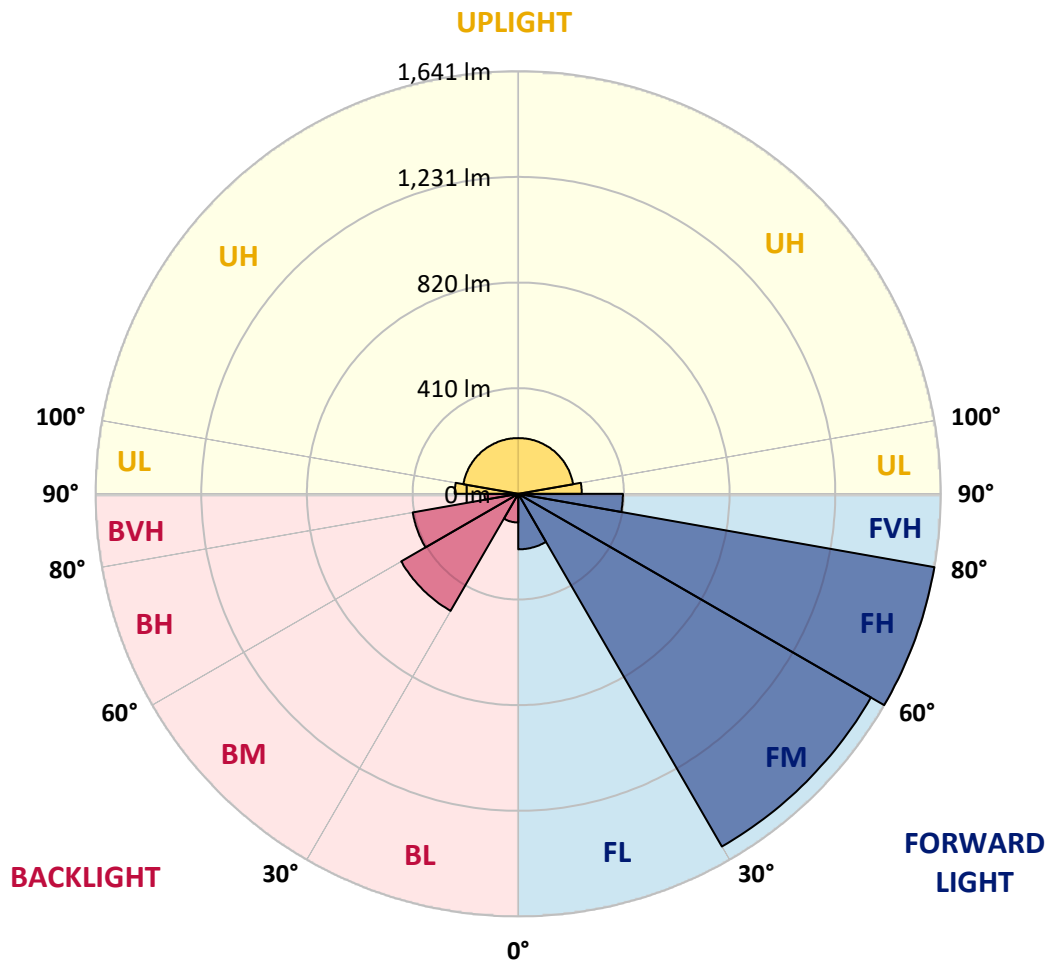


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	215.6	3.9			
FM (30°-60°)	1581.2	28.8			
FH (60°-80°)	1640.7	29.9			G1/1800
FVH (80°-90°)	406.2	7.4			G3/500
BL (0°-30°)	111.4	2.0	B1/500		
BM (30°-60°)	524.9	9.6	B1/1000		
BH (60°-80°)	416.1	7.6	B1/500		G1/500
BVH (80°-90°)	131.1	2.4			G2/225
UL (90°-100°)	246.5	4.5		U3/500	
UH (100°-180°)	216.4	3.9		U3/500	

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



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	70°	75°	85°
0°	201.9	201.9	201.9	201.9	201.9	201.9	201.9	201.9	201.9	201.9	201.9
2.5°	221.0	221.0	221.0	218.9	218.9	214.6	214.6	210.4	210.4	208.3	204.0
5°	248.6	248.6	246.5	246.5	242.3	238.0	233.8	227.4	223.1	221.0	214.6
7.5°	280.5	280.5	278.4	274.2	272.0	265.6	257.1	248.6	244.4	240.1	229.5
10°	318.8	318.8	314.5	312.4	308.2	299.7	291.2	278.4	272.0	265.6	250.8
12.5°	363.4	359.2	359.2	352.8	346.4	340.0	329.4	314.5	308.2	299.7	280.5
15°	410.2	410.2	410.2	403.8	395.3	384.7	376.2	361.3	357.0	344.3	323.0
17.5°	465.4	469.7	463.3	454.8	450.5	439.9	429.3	418.7	408.0	395.3	367.7
20°	533.4	531.3	524.9	516.4	510.0	499.4	493.0	473.9	465.4	452.7	412.3
22.5°	599.3	601.4	595.1	582.3	573.8	567.4	556.8	541.9	529.2	514.3	469.7
25°	686.4	684.3	669.4	650.3	641.8	633.3	626.9	612.1	603.6	590.8	533.4
27.5°	773.6	765.1	754.4	737.4	716.2	701.3	697.1	690.7	684.3	663.1	599.3
30°	865.0	856.5	843.7	816.1	786.3	769.3	769.3	777.8	762.9	745.9	673.7
32.5°	962.7	952.1	935.1	901.1	860.7	841.6	850.1	865.0	862.8	837.3	748.1
35°	1060.5	1058.3	1032.8	990.3	939.3	916.0	928.7	958.5	958.5	939.3	828.8
37.5°	1156.1	1158.2	1134.9	1081.7	1015.8	990.3	1009.5	1058.3	1058.3	1043.5	907.5
40°	1277.2	1273.0	1230.5	1168.9	1096.6	1064.7	1103.0	1166.7	1177.4	1149.7	994.6
42.5°	1381.4	1372.9	1338.9	1262.4	1175.2	1137.0	1190.1	1277.2	1298.5	1266.6	1083.8
45°	1487.6	1477.0	1436.6	1351.6	1253.9	1209.2	1283.6	1400.5	1428.1	1398.4	1177.4
47.5°	1587.5	1576.9	1540.8	1438.8	1336.7	1296.4	1379.3	1525.9	1559.9	1534.4	1268.7
50°	1678.9	1676.8	1632.1	1525.9	1409.0	1370.8	1479.1	1657.7	1702.3	1664.0	1362.3
52.5°	1757.5	1749.0	1706.5	1604.5	1481.3	1451.5	1581.1	1795.8	1844.7	1806.4	1455.8
55°	1806.4	1802.2	1763.9	1664.0	1547.1	1525.9	1683.2	1921.2	1980.7	1946.7	1542.9
57.5°	1829.8	1823.4	1791.5	1702.3	1596.0	1593.9	1776.7	2050.8	2118.8	2074.2	1632.1
60°	1806.4	1802.2	1780.9	1712.9	1627.9	1647.0	1874.4	2169.8	2242.1	2193.2	1702.3
62.5°	1727.8	1727.8	1725.7	1685.3	1634.3	1691.7	1950.9	2271.8	2344.1	2284.6	1753.3
65°	1604.5	1610.9	1623.6	1615.1	1606.6	1706.5	2001.9	2348.3	2414.2	2344.1	1780.9
67.5°	1430.3	1430.3	1479.1	1498.3	1538.6	1685.3	2025.3	2382.3	2441.8	2361.1	1770.3
70°	1236.9	1236.9	1292.1	1347.4	1436.6	1630.0	1999.8	2363.2	2410.0	2320.7	1723.5
72.5°	1035.0	1037.1	1103.0	1179.5	1302.7	1534.4	1931.8	2280.3	2322.8	2216.6	1630.0
75°	837.3	854.3	909.6	1009.5	1151.9	1406.9	1804.3	2135.8	2161.3	2059.3	1498.3
77.5°	663.1	684.3	750.2	848.0	996.7	1245.4	1632.1	1942.4	1946.7	1848.9	1338.9
80°	524.9	539.8	607.8	699.2	843.7	1081.7	1428.1	1702.3	1698.0	1602.4	1147.6
82.5°	414.4	425.0	478.2	567.4	705.6	926.6	1226.2	1428.1	1443.0	1349.5	962.7
85°	318.8	331.5	380.4	459.0	582.3	771.4	1013.7	1171.0	1177.4	1094.5	792.7
87.5°	244.4	257.1	301.8	376.2	480.3	633.3	826.7	950.0	939.3	873.5	626.9
90°	189.1	195.5	240.1	301.8	393.2	522.8	665.2	745.9	745.9	682.2	501.5
92.5°	150.9	153.0	193.4	248.6	325.2	425.0	535.5	586.6	571.7	535.5	395.3
95°	119.0	123.3	155.1	204.0	267.8	348.5	422.9	459.0	446.3	412.3	310.3
97.5°	95.6	99.9	127.5	170.0	223.1	284.8	340.0	357.0	350.7	327.3	246.5
100°	78.6	80.8	104.1	144.5	187.0	235.9	272.0	282.7	269.9	255.0	193.4
102.5°	65.9	68.0	89.3	121.1	159.4	193.4	221.0	225.3	214.6	197.6	155.1
105°	55.3	57.4	74.4	104.1	133.9	163.6	180.6	178.5	167.9	155.1	125.4
107.5°	48.9	48.9	63.8	89.3	116.9	136.0	148.8	144.5	133.9	121.1	102.0
110°	42.5	42.5	53.1	76.5	99.9	116.9	123.3	116.9	106.3	97.8	82.9

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**CANDELA DISTRIBUTION (continued):**

	0°	5°	15°	25°	35°	45°	55°	65°	70°	75°	85°
112.5°	38.3	38.3	46.8	65.9	85.0	99.9	102.0	93.5	87.1	80.8	68.0
115°	34.0	36.1	40.4	55.3	72.3	85.0	85.0	78.6	72.3	65.9	59.5
117.5°	31.9	31.9	36.1	48.9	63.8	72.3	72.3	65.9	59.5	55.3	51.0
120°	29.8	29.8	34.0	42.5	55.3	61.6	61.6	55.3	51.0	46.8	44.6
122.5°	27.6	27.6	29.8	36.1	46.8	53.1	53.1	46.8	42.5	40.4	38.3
125°	25.5	25.5	27.6	31.9	40.4	44.6	44.6	38.3	36.1	34.0	34.0
127.5°	23.4	23.4	25.5	27.6	34.0	38.3	36.1	31.9	29.8	29.8	29.8
130°	21.3	21.3	23.4	25.5	29.8	31.9	29.8	27.6	25.5	25.5	25.5
132.5°	21.3	21.3	21.3	21.3	23.4	25.5	25.5	23.4	21.3	23.4	23.4
135°	19.1	19.1	19.1	19.1	19.1	21.3	19.1	19.1	19.1	19.1	19.1
137.5°	17.0	17.0	17.0	17.0	17.0	17.0	14.9	14.9	14.9	17.0	17.0
140°	14.9	14.9	14.9	12.8	12.8	12.8	12.8	12.8	12.8	12.8	14.9
142.5°	12.8	12.8	12.8	10.6	10.6	8.5	8.5	8.5	10.6	10.6	12.8
145°	10.6	10.6	10.6	8.5	6.4	6.4	6.4	6.4	8.5	8.5	8.5
147.5°	8.5	8.5	8.5	6.4	4.3	4.3	4.3	4.3	6.4	6.4	6.4
150°	6.4	6.4	6.4	4.3	4.3	2.1	2.1	4.3	4.3	4.3	4.3
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°	201.9	201.9	201.9	201.9	201.9	201.9	201.9	201.9	201.9	201.9	201.9
2.5°	204.0	201.9	199.8	195.5	193.4	193.4	193.4	191.3	191.3	189.1	189.1
5°	210.4	208.3	199.8	193.4	189.1	184.9	180.6	178.5	176.4	174.3	174.3
7.5°	223.1	218.9	208.3	197.6	189.1	180.6	174.3	170.0	167.9	165.8	165.8
10°	242.3	235.9	218.9	204.0	191.3	180.6	172.1	167.9	163.6	161.5	161.5
12.5°	269.9	261.4	238.0	216.8	199.8	184.9	176.4	170.0	165.8	163.6	163.6
15°	308.2	293.3	263.5	235.9	212.5	193.4	182.8	178.5	176.4	176.4	176.4
17.5°	348.5	327.3	293.3	257.1	229.5	208.3	197.6	193.4	191.3	191.3	191.3
20°	393.2	369.8	323.0	280.5	246.5	227.4	214.6	210.4	208.3	208.3	208.3
22.5°	442.0	416.5	354.9	301.8	267.8	246.5	233.8	227.4	229.5	229.5	229.5
25°	497.3	461.2	388.9	327.3	286.9	265.6	252.9	246.5	250.8	252.9	252.9
27.5°	558.9	510.0	420.8	350.7	308.2	282.7	272.0	267.8	274.2	276.3	278.4
30°	618.4	563.2	452.7	376.2	325.2	299.7	289.0	291.2	295.4	299.7	303.9
32.5°	684.3	612.1	486.7	397.4	342.2	312.4	306.0	312.4	320.9	325.2	327.3
35°	748.1	663.1	512.2	416.5	354.9	325.2	320.9	331.5	342.2	350.7	350.7
37.5°	811.8	709.8	539.8	431.4	365.5	333.7	333.7	348.5	361.3	371.9	371.9
40°	877.7	760.8	563.2	444.2	374.0	342.2	344.3	363.4	380.4	386.8	388.9
42.5°	945.7	803.3	582.3	452.7	378.3	348.5	352.8	376.2	393.2	399.5	401.7
45°	1011.6	848.0	597.2	456.9	382.5	350.7	357.0	384.7	401.7	408.0	408.0
47.5°	1073.2	886.2	607.8	459.0	382.5	350.7	361.3	388.9	408.0	410.2	410.2
50°	1139.1	924.5	616.3	459.0	380.4	350.7	361.3	391.0	408.0	408.0	408.0
52.5°	1202.9	958.5	620.6	454.8	376.2	348.5	359.2	388.9	405.9	401.7	401.7
55°	1262.4	986.1	618.4	448.4	369.8	342.2	354.9	384.7	399.5	393.2	393.2
57.5°	1311.2	1009.5	614.2	439.9	363.4	335.8	348.5	378.3	391.0	382.5	380.4
60°	1353.7	1024.3	605.7	429.3	352.8	327.3	342.2	369.8	380.4	369.8	367.7
62.5°	1377.1	1030.7	592.9	414.4	344.3	318.8	331.5	359.2	367.7	354.9	354.9
65°	1385.6	1022.2	573.8	399.5	331.5	310.3	320.9	346.4	352.8	342.2	340.0
67.5°	1364.4	998.8	550.4	384.7	318.8	297.5	308.2	331.5	337.9	327.3	325.2
70°	1319.7	954.2	520.7	363.4	303.9	284.8	293.3	312.4	320.9	312.4	310.3
72.5°	1236.9	899.0	486.7	342.2	286.9	269.9	278.4	295.4	303.9	295.4	293.3
75°	1139.1	826.7	448.4	318.8	269.9	255.0	261.4	274.2	282.7	278.4	274.2
77.5°	1009.5	739.6	408.0	295.4	252.9	238.0	242.3	255.0	261.4	257.1	257.1
80°	873.5	643.9	367.7	269.9	235.9	223.1	223.1	233.8	240.1	238.0	233.8
82.5°	741.7	550.4	325.2	244.4	214.6	204.0	206.1	210.4	218.9	214.6	212.5
85°	609.9	467.5	284.8	221.0	195.5	187.0	187.0	189.1	195.5	193.4	191.3
87.5°	499.4	384.7	248.6	195.5	176.4	170.0	165.8	170.0	170.0	170.0	165.8
90°	405.9	318.8	214.6	174.3	161.5	153.0	148.8	148.8	148.8	146.6	144.5
92.5°	323.0	263.5	187.0	155.1	144.5	138.1	133.9	131.8	129.6	125.4	125.4
95°	265.6	216.8	161.5	136.0	129.6	123.3	119.0	116.9	112.6	108.4	106.3
97.5°	210.4	180.6	138.1	121.1	114.8	110.5	106.3	102.0	95.6	91.4	89.3
100°	167.9	146.6	119.0	106.3	102.0	97.8	93.5	89.3	82.9	76.5	74.4
102.5°	138.1	123.3	102.0	95.6	91.4	87.1	85.0	78.6	70.1	63.8	63.8
105°	112.6	102.0	89.3	82.9	80.8	78.6	74.4	68.0	59.5	53.1	53.1
107.5°	93.5	87.1	76.5	74.4	72.3	70.1	65.9	59.5	51.0	44.6	44.6
110°	78.6	72.3	65.9	63.8	63.8	61.6	59.5	51.0	44.6	38.3	38.3

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**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
112.5°	65.9	61.6	59.5	57.4	57.4	55.3	53.1	44.6	38.3	34.0	34.0
115°	55.3	53.1	51.0	51.0	51.0	48.9	46.8	40.4	31.9	29.8	29.8
117.5°	48.9	46.8	44.6	44.6	44.6	44.6	40.4	34.0	27.6	25.5	25.5
120°	42.5	42.5	40.4	40.4	40.4	38.3	36.1	29.8	23.4	23.4	23.4
122.5°	38.3	36.1	36.1	36.1	36.1	34.0	29.8	25.5	21.3	21.3	21.3
125°	34.0	31.9	31.9	31.9	31.9	29.8	25.5	21.3	19.1	19.1	19.1
127.5°	29.8	29.8	27.6	27.6	27.6	25.5	23.4	19.1	17.0	17.0	17.0
130°	25.5	25.5	25.5	25.5	23.4	21.3	19.1	17.0	14.9	14.9	14.9
132.5°	23.4	23.4	21.3	21.3	21.3	19.1	17.0	14.9	12.8	14.9	14.9
135°	19.1	19.1	19.1	19.1	17.0	14.9	14.9	12.8	12.8	12.8	12.8
137.5°	17.0	17.0	17.0	14.9	14.9	12.8	12.8	10.6	10.6	10.6	12.8
140°	14.9	14.9	12.8	12.8	10.6	10.6	10.6	8.5	10.6	10.6	10.6
142.5°	12.8	12.8	10.6	10.6	8.5	8.5	8.5	8.5	8.5	8.5	8.5
145°	8.5	8.5	8.5	8.5	6.4	6.4	6.4	6.4	8.5	8.5	8.5
147.5°	6.4	6.4	6.4	6.4	4.3	4.3	4.3	6.4	6.4	6.4	6.4
150°	4.3	4.3	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)