

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: P695629

Luminaire Tested: **LXF.LXT-PA16-60-730-U-T4W-TL**

Issue Date: 7/5/2023

Test Information

Test Method: LM-79-08
Report Number: P695629
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2306-062-25)
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-T4W-TL
Description: DECORATIVE POST TOP LUMINAIRE
(1) 70 CRI, 3000K, 1160mA LIGHTSQUARE WITH 16 LEDS AND TYPE IV WIDE OPTICS AND TEXTURED LENS PANELS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5879 lumens
Efficiency: N/A
Efficacy: 94.8 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

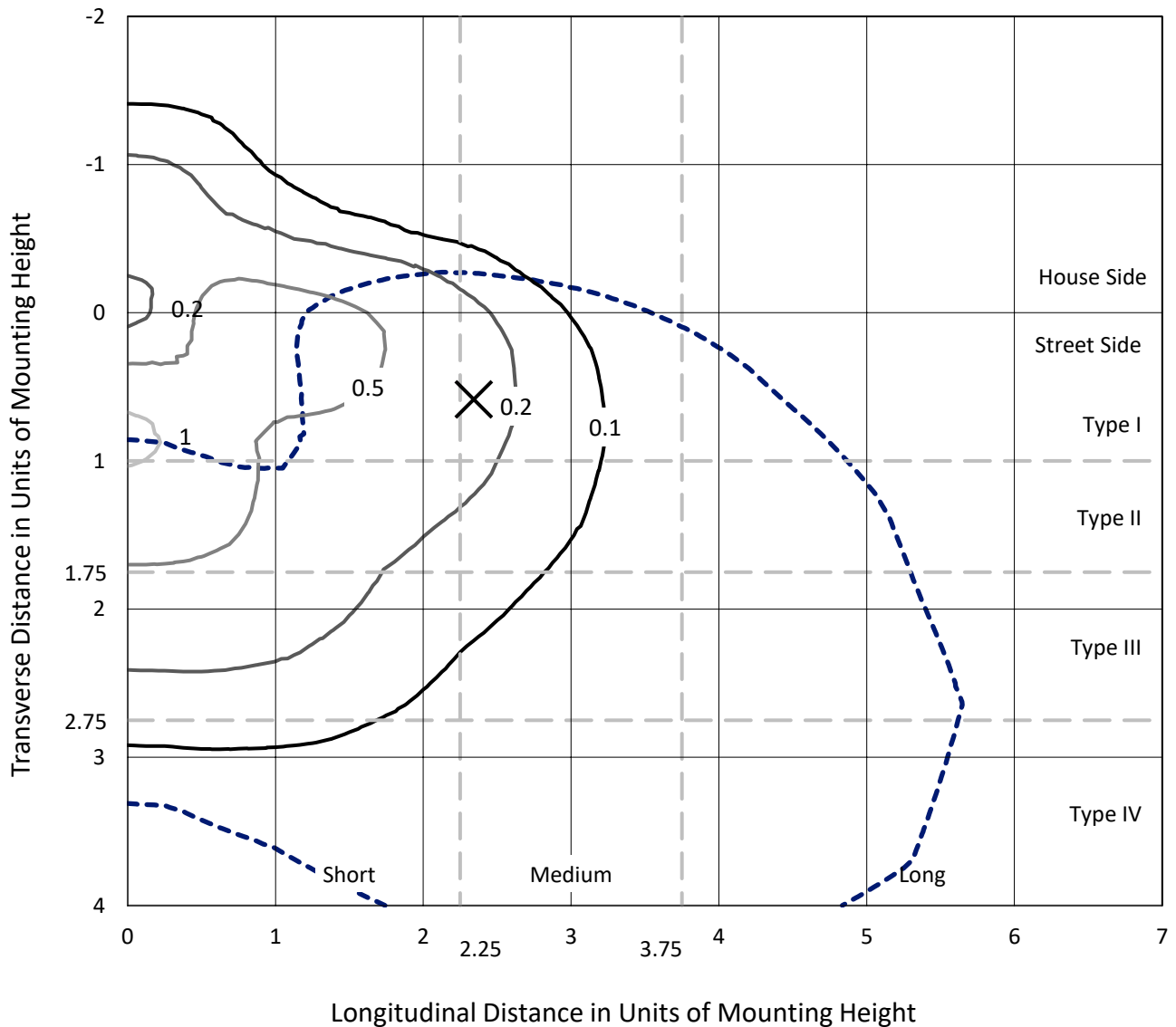
Input Watts (W): 62
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

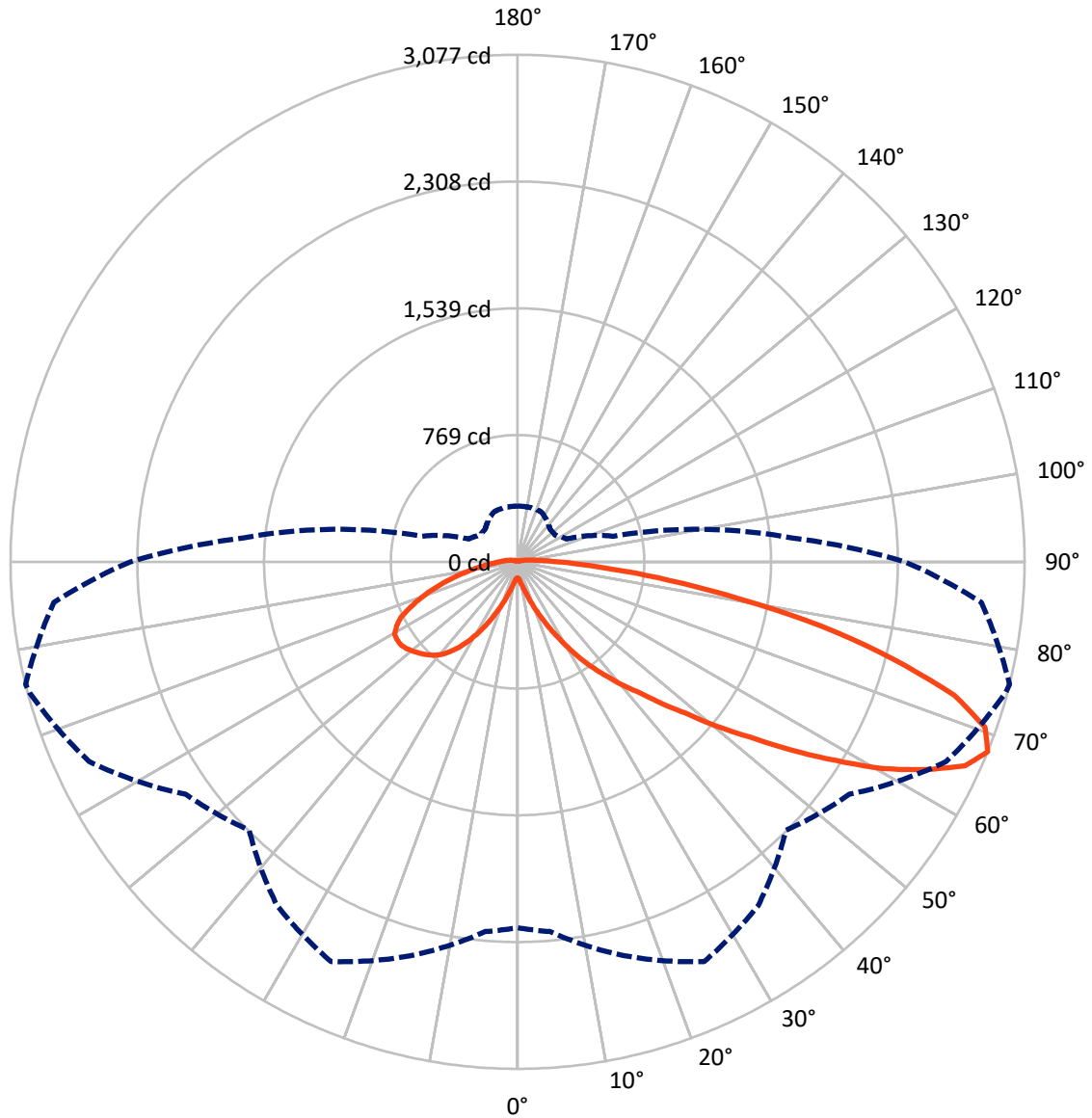
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.1 fc
 Type IV - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 76-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

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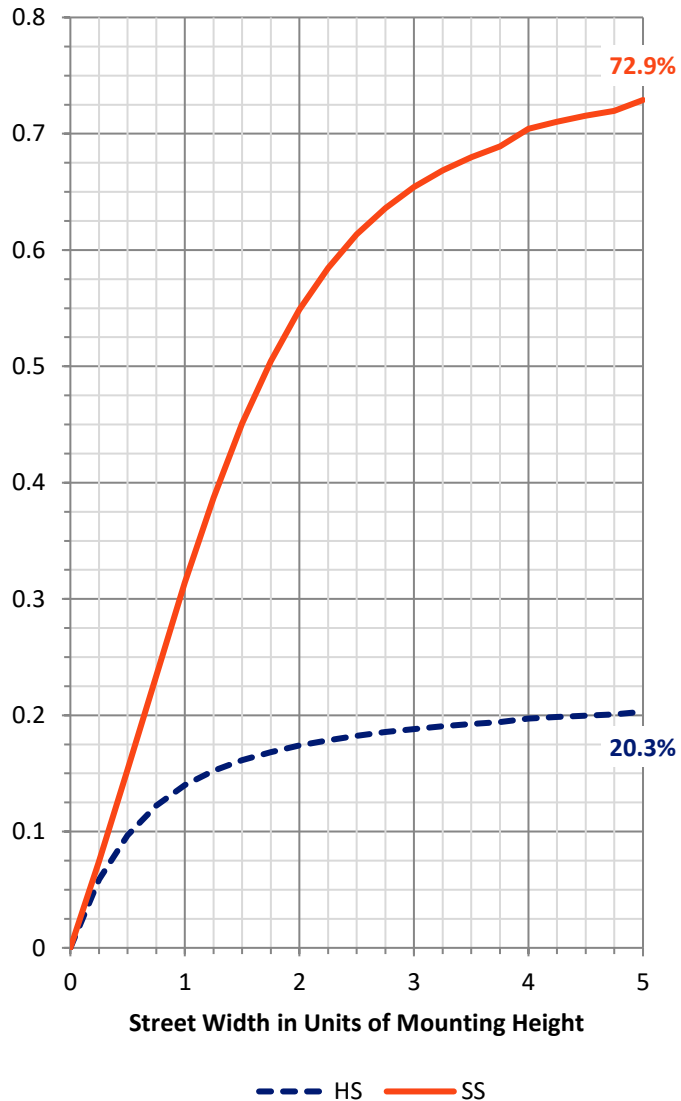
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1259.0	101.5	1360.6
	% Fixture	21.4	1.7	23.1
Street Side	Lumens	4415.8	102.6	4518.5
	% Fixture	75.1	1.7	76.9
Total	Lumens	5674.9	204.2	5879.0
	% Fixture	96.5	3.5	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	11.2	0.2
10°-20°	58.0	1.0
20°-30°	183.4	3.1
30°-40°	409.0	7.0
40°-50°	701.9	11.9
50°-60°	1094.9	18.6
60°-70°	1499.1	25.5
70°-80°	1256.4	21.4
80°-90°	461.0	7.8
90°-100°	116.1	2.0
100°-110°	44.2	0.8
110°-120°	21.1	0.4
120°-130°	11.9	0.2
130°-140°	7.0	0.1
140°-150°	3.5	0.1
150°-160°	0.3	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	5674.9	96.5
0°-180°	5879.0	100.0

Coefficient of Utilization

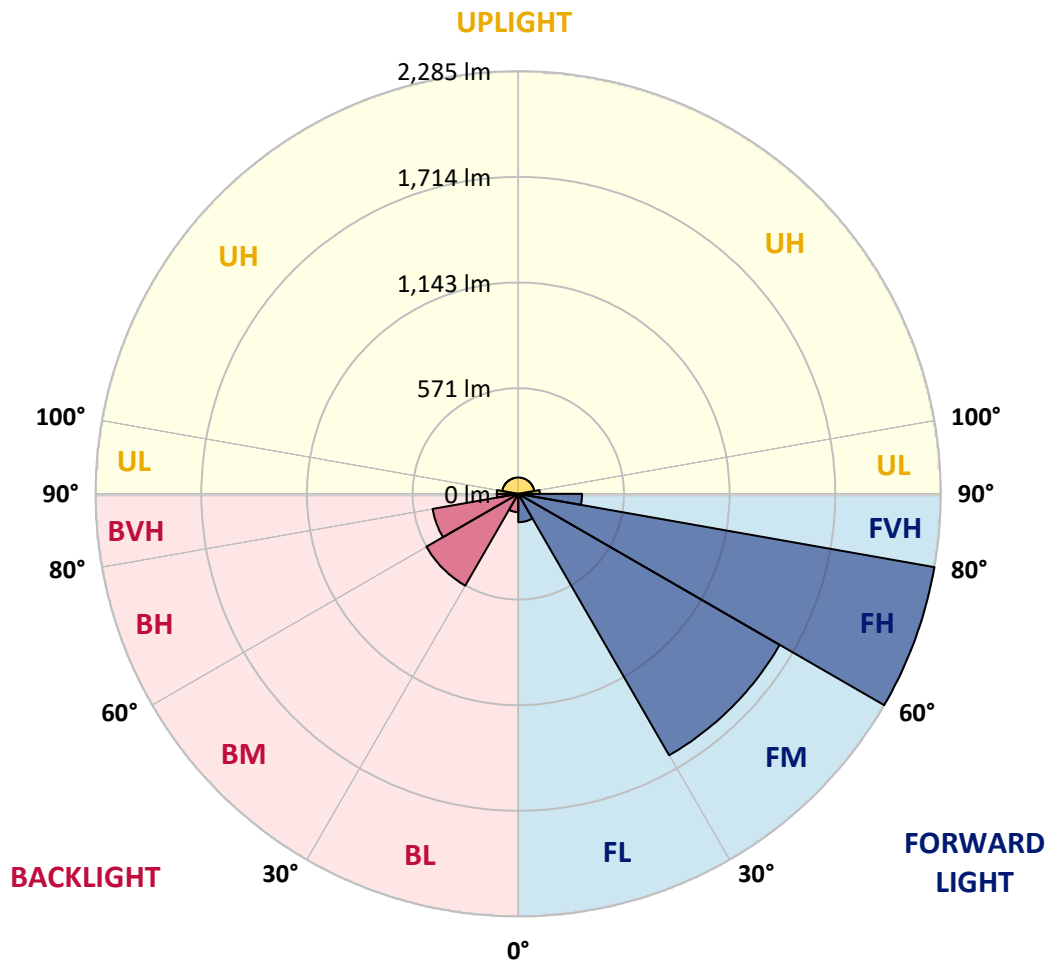


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	153.5	2.6			
FM (30°-60°)	1632.4	27.8			
FH (60°-80°)	2285.2	38.9			G2/5000
FVH (80°-90°)	344.7	5.9			G3/500
BL (0°-30°)	99.1	1.7	B0/110		
BM (30°-60°)	573.3	9.8	B1/1000		
BH (60°-80°)	470.3	8.0	B1/500		G1/500
BVH (80°-90°)	116.4	2.0			G2/225
UL (90°-100°)	116.1	2.0		U3/500	
UH (100°-180°)	88.1	1.5		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°	75°	76°	85°
0°	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
2.5°	104.1	104.1	104.1	104.1	106.3	104.1	104.1	102.0	102.0	99.9	99.9
5°	119.0	119.0	119.0	119.0	119.0	116.9	114.8	112.6	110.5	108.4	108.4
7.5°	140.3	140.3	140.3	138.1	136.0	133.9	131.8	127.5	123.3	123.3	119.0
10°	170.0	170.0	170.0	167.9	161.5	157.3	153.0	146.6	144.5	142.4	138.1
12.5°	210.4	210.4	206.1	201.9	193.4	187.0	180.6	174.3	172.1	170.0	163.6
15°	261.4	259.3	255.0	242.3	233.8	223.1	216.8	210.4	204.0	204.0	201.9
17.5°	323.0	320.9	310.3	293.3	280.5	263.5	255.0	250.8	250.8	248.6	244.4
20°	397.4	397.4	382.5	357.0	331.5	310.3	303.9	301.8	301.8	303.9	297.5
22.5°	493.0	490.9	469.7	427.2	391.0	363.4	357.0	357.0	363.4	363.4	361.3
25°	599.3	597.2	558.9	512.2	454.8	425.0	410.1	420.8	435.7	437.8	439.9
27.5°	728.9	720.4	675.8	603.5	529.2	482.4	471.8	488.8	518.5	516.4	520.7
30°	862.8	858.6	796.9	707.7	607.8	544.0	535.5	567.4	601.4	603.5	614.2
32.5°	1020.1	996.7	939.3	820.3	688.5	609.9	597.2	643.9	694.9	699.2	709.8
35°	1177.3	1175.2	1081.7	941.4	773.5	671.5	660.9	716.2	788.4	790.5	805.4
37.5°	1336.7	1328.2	1238.9	1060.4	867.1	741.7	724.7	796.9	877.7	881.9	903.2
40°	1504.6	1494.0	1398.3	1187.9	964.8	818.2	799.0	884.1	977.6	986.1	1011.6
42.5°	1651.2	1649.1	1557.7	1328.2	1060.4	892.6	879.8	971.2	1081.7	1085.9	1124.2
45°	1812.7	1785.1	1700.1	1468.5	1179.4	983.9	971.2	1083.8	1209.2	1226.2	1258.1
47.5°	1940.2	1927.5	1848.9	1621.5	1300.6	1083.8	1071.1	1204.9	1358.0	1372.8	1400.5
50°	2069.9	2055.0	1984.9	1766.0	1432.3	1200.7	1198.6	1358.0	1545.0	1568.3	1598.1
52.5°	2176.1	2167.6	2125.1	1921.1	1572.6	1317.6	1341.0	1538.6	1751.1	1768.1	1797.9
55°	2276.0	2269.6	2261.1	2093.3	1740.5	1472.7	1491.8	1740.5	1984.9	2016.7	2063.5
57.5°	2350.4	2361.0	2378.0	2261.1	1916.9	1627.8	1668.2	1987.0	2244.1	2273.9	2320.6
60°	2401.4	2418.4	2480.0	2429.0	2101.8	1800.0	1885.0	2214.4	2514.0	2548.0	2571.4
62.5°	2407.8	2435.4	2560.8	2571.4	2276.0	1980.6	2076.2	2456.6	2771.2	2777.5	2749.9
65°	2358.9	2380.1	2556.5	2658.5	2431.1	2157.0	2286.6	2705.3	2968.8	2983.7	2856.2
67.5°	2220.8	2252.6	2473.6	2677.7	2545.9	2303.6	2458.8	2868.9	3066.6	3077.2	2824.3
70°	1963.6	2021.0	2284.5	2567.2	2569.3	2384.4	2571.4	2939.1	3021.9	3009.2	2633.0
72.5°	1653.3	1668.2	1959.4	2337.6	2480.0	2382.3	2558.7	2854.0	2794.5	2771.2	2276.0
75°	1209.2	1249.6	1521.6	1982.7	2267.5	2242.0	2407.8	2601.2	2397.1	2354.6	1855.2
77.5°	818.2	860.7	1075.3	1521.6	1908.4	1991.2	2131.5	2188.9	1929.6	1893.5	1360.1
80°	514.3	544.0	694.9	1062.6	1496.1	1625.7	1732.0	1695.9	1400.5	1366.5	966.9
82.5°	286.9	301.8	425.0	692.8	1054.1	1236.8	1319.7	1230.4	964.8	926.6	626.9
85°	150.9	170.0	240.1	420.8	703.4	879.8	945.7	813.9	592.9	580.2	391.0
87.5°	82.9	91.4	138.1	252.9	435.7	597.2	626.9	512.2	367.6	350.6	248.6
90°	51.0	55.3	80.8	150.9	269.9	374.0	393.1	320.9	229.5	225.3	165.8
92.5°	34.0	36.1	55.3	97.8	170.0	240.1	252.9	199.8	150.9	146.6	119.0
95°	25.5	27.6	42.5	70.1	116.9	163.6	161.5	136.0	102.0	99.9	87.1
97.5°	21.3	23.4	36.1	55.3	85.0	110.5	110.5	89.3	74.4	74.4	68.0
100°	19.1	19.1	29.8	44.6	63.8	80.8	80.8	65.9	55.3	55.3	51.0
102.5°	17.0	17.0	25.5	38.3	51.0	63.8	61.6	51.0	42.5	42.5	40.4
105°	14.9	14.9	23.4	31.9	42.5	51.0	48.9	40.4	34.0	31.9	29.8
107.5°	12.8	12.8	19.1	27.6	38.3	42.5	40.4	34.0	25.5	25.5	23.4
110°	12.8	12.8	17.0	25.5	31.9	36.1	34.0	27.6	21.3	21.3	19.1

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CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	76°	85°
112.5°	10.6	10.6	14.9	21.3	27.6	31.9	29.8	23.4	17.0	17.0	17.0
115°	10.6	10.6	12.8	19.1	23.4	27.6	25.5	19.1	14.9	14.9	14.9
117.5°	10.6	10.6	12.8	17.0	21.3	23.4	21.3	17.0	12.8	12.8	12.8
120°	8.5	8.5	10.6	14.9	19.1	21.3	19.1	14.9	10.6	10.6	12.8
122.5°	8.5	8.5	10.6	12.8	17.0	19.1	17.0	12.8	10.6	10.6	10.6
125°	8.5	8.5	10.6	12.8	14.9	17.0	14.9	10.6	10.6	10.6	10.6
127.5°	8.5	8.5	8.5	10.6	12.8	14.9	12.8	10.6	8.5	8.5	10.6
130°	8.5	8.5	8.5	10.6	12.8	12.8	10.6	8.5	8.5	8.5	10.6
132.5°	8.5	8.5	8.5	8.5	10.6	10.6	10.6	8.5	8.5	8.5	8.5
135°	8.5	8.5	8.5	8.5	10.6	10.6	8.5	8.5	8.5	8.5	8.5
137.5°	8.5	6.4	6.4	8.5	8.5	8.5	8.5	6.4	6.4	6.4	8.5
140°	6.4	6.4	6.4	6.4	8.5	8.5	6.4	6.4	6.4	6.4	6.4
142.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
145°	6.4	6.4	6.4	4.3	6.4	6.4	4.3	4.3	4.3	6.4	6.4
147.5°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
150°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	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°	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
2.5°	99.9	97.8	97.8	97.8	97.8	95.6	95.6	95.6	95.6	93.5	95.6
5°	106.3	106.3	104.1	99.9	99.9	97.8	97.8	95.6	95.6	93.5	93.5
7.5°	119.0	116.9	112.6	110.5	106.3	104.1	102.0	99.9	99.9	97.8	97.8
10°	136.0	133.9	127.5	123.3	119.0	114.8	112.6	110.5	108.4	106.3	106.3
12.5°	161.5	157.3	150.9	140.3	136.0	129.6	125.4	123.3	123.3	123.3	121.1
15°	197.6	191.3	180.6	167.9	155.1	146.6	144.5	144.5	144.5	146.6	146.6
17.5°	240.1	231.6	218.9	197.6	180.6	170.0	167.9	167.9	170.0	174.3	174.3
20°	293.3	282.6	263.5	235.9	210.4	195.5	191.3	195.5	204.0	206.1	206.1
22.5°	354.9	346.4	314.5	274.1	242.3	223.1	218.9	223.1	233.8	242.3	244.4
25°	429.3	416.5	371.9	318.8	274.1	250.8	244.4	255.0	269.9	282.6	282.6
27.5°	512.2	497.3	435.7	365.5	306.0	274.1	267.8	282.6	308.1	323.0	325.1
30°	601.4	578.0	497.3	410.1	333.6	295.4	291.1	312.4	342.1	361.3	363.4
32.5°	699.2	660.9	561.0	450.5	359.1	310.3	308.1	335.8	371.9	395.3	397.4
35°	790.5	748.0	618.4	480.3	376.1	320.9	320.9	352.8	395.3	418.7	420.8
37.5°	879.8	824.5	667.3	503.7	384.6	325.1	327.3	365.5	408.0	431.4	433.5
40°	977.6	907.4	709.8	514.3	386.8	327.3	331.5	371.9	410.1	433.5	433.5
42.5°	1079.6	994.6	737.4	514.3	382.5	325.1	329.4	369.8	405.9	422.9	425.0
45°	1198.6	1088.1	756.5	505.8	374.0	318.8	325.1	365.5	393.1	401.6	403.8
47.5°	1334.6	1185.8	771.4	493.0	363.4	312.4	320.9	354.9	378.3	378.3	378.3
50°	1506.7	1296.3	784.2	471.8	350.6	306.0	314.5	346.4	359.1	354.9	354.9
52.5°	1693.7	1417.5	792.7	450.5	337.9	297.5	308.1	337.9	344.3	333.6	333.6
55°	1902.0	1559.8	792.7	429.3	325.1	291.1	303.9	329.4	331.5	320.9	316.6
57.5°	2101.8	1672.5	782.0	405.9	312.4	284.8	299.6	325.1	325.1	314.5	312.4
60°	2280.3	1776.6	765.0	384.6	303.9	280.5	299.6	323.0	323.0	314.5	314.5
62.5°	2407.8	1810.6	722.5	365.5	295.4	280.5	301.8	325.1	327.3	323.0	320.9
65°	2439.6	1793.6	673.7	344.3	286.9	278.4	306.0	331.5	333.6	331.5	331.5
67.5°	2350.4	1668.2	599.3	327.3	280.5	278.4	308.1	335.8	337.9	337.9	337.9
70°	2118.8	1481.2	531.3	308.1	274.1	276.3	312.4	340.0	340.0	340.0	340.0
72.5°	1791.5	1243.2	461.2	291.1	263.5	272.0	312.4	337.9	337.9	335.8	335.8
75°	1415.3	983.9	395.3	274.1	250.8	263.5	308.1	331.5	329.4	327.3	325.1
77.5°	1047.7	731.0	331.5	250.8	235.9	252.9	295.4	316.6	314.5	312.4	308.1
80°	722.5	510.0	276.3	227.4	216.8	235.9	276.3	295.4	293.3	289.0	289.0
82.5°	469.7	350.6	223.1	199.8	195.5	216.8	255.0	269.9	265.6	261.4	259.3
85°	303.9	238.0	178.5	170.0	174.3	193.4	223.1	235.9	233.8	229.5	225.3
87.5°	199.8	170.0	140.3	140.3	148.8	170.0	191.3	197.6	195.5	195.5	191.3
90°	140.3	127.5	114.8	116.9	127.5	146.6	157.3	159.4	157.3	159.4	155.1
92.5°	104.1	97.8	93.5	97.8	108.4	123.3	129.6	125.4	127.5	127.5	125.4
95°	80.8	78.6	78.6	82.9	93.5	104.1	106.3	99.9	104.1	104.1	102.0
97.5°	63.8	63.8	65.9	70.1	78.6	87.1	87.1	82.9	85.0	85.0	85.0
100°	51.0	51.0	55.3	59.5	68.0	74.4	72.3	68.0	70.1	68.0	65.9
102.5°	40.4	42.5	46.8	51.0	57.4	61.6	61.6	57.4	57.4	55.3	55.3
105°	31.9	34.0	38.3	44.6	48.9	53.1	53.1	48.9	44.6	42.5	42.5
107.5°	25.5	27.6	31.9	36.1	42.5	44.6	44.6	40.4	36.1	31.9	31.9
110°	21.3	23.4	27.6	31.9	36.1	38.3	38.3	34.0	29.8	25.5	25.5

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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
112.5°	19.1	19.1	23.4	27.6	29.8	31.9	31.9	29.8	23.4	21.3	21.3
115°	14.9	17.0	19.1	23.4	25.5	27.6	27.6	23.4	19.1	17.0	17.0
117.5°	14.9	14.9	17.0	21.3	23.4	25.5	23.4	21.3	17.0	14.9	14.9
120°	12.8	14.9	17.0	17.0	21.3	21.3	21.3	17.0	14.9	14.9	14.9
122.5°	12.8	12.8	14.9	17.0	17.0	19.1	19.1	14.9	12.8	12.8	12.8
125°	10.6	12.8	12.8	14.9	17.0	17.0	17.0	12.8	12.8	12.8	12.8
127.5°	10.6	10.6	12.8	12.8	14.9	14.9	14.9	12.8	10.6	10.6	10.6
130°	10.6	10.6	10.6	10.6	12.8	12.8	12.8	10.6	10.6	10.6	10.6
132.5°	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	8.5	10.6	10.6
135°	8.5	8.5	8.5	8.5	10.6	10.6	8.5	8.5	8.5	8.5	8.5
137.5°	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
140°	8.5	8.5	8.5	6.4	8.5	8.5	6.4	6.4	6.4	8.5	8.5
142.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
145°	6.4	6.4	6.4	4.3	4.3	6.4	6.4	6.4	6.4	6.4	6.4
147.5°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	6.4	4.3
150°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	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

(END OF REPORT)