

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: P695617

Luminaire Tested: **LXF.LXT-PA16-60-730-U-T2U-CL**

Issue Date: 7/5/2023

Test Information

Test Method: LM-79-08
Report Number: P695617
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2306-062-13)
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-T2U-CL
Description: DECORATIVE POST TOP LUMINAIRE
(1) 70 CRI, 3000K, 1160mA LIGHTSQUARE WITH 16 LEDS AND TYPE II U OPTICS
AND CLEAR LENS PANELS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6281.1 lumens
Efficiency: N/A
Efficacy: 101.3 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 1.17' x L: 1.17' x H: 0.83')
IES Classification: Type II - Short
BUG Rating: B2 - U3 - G2

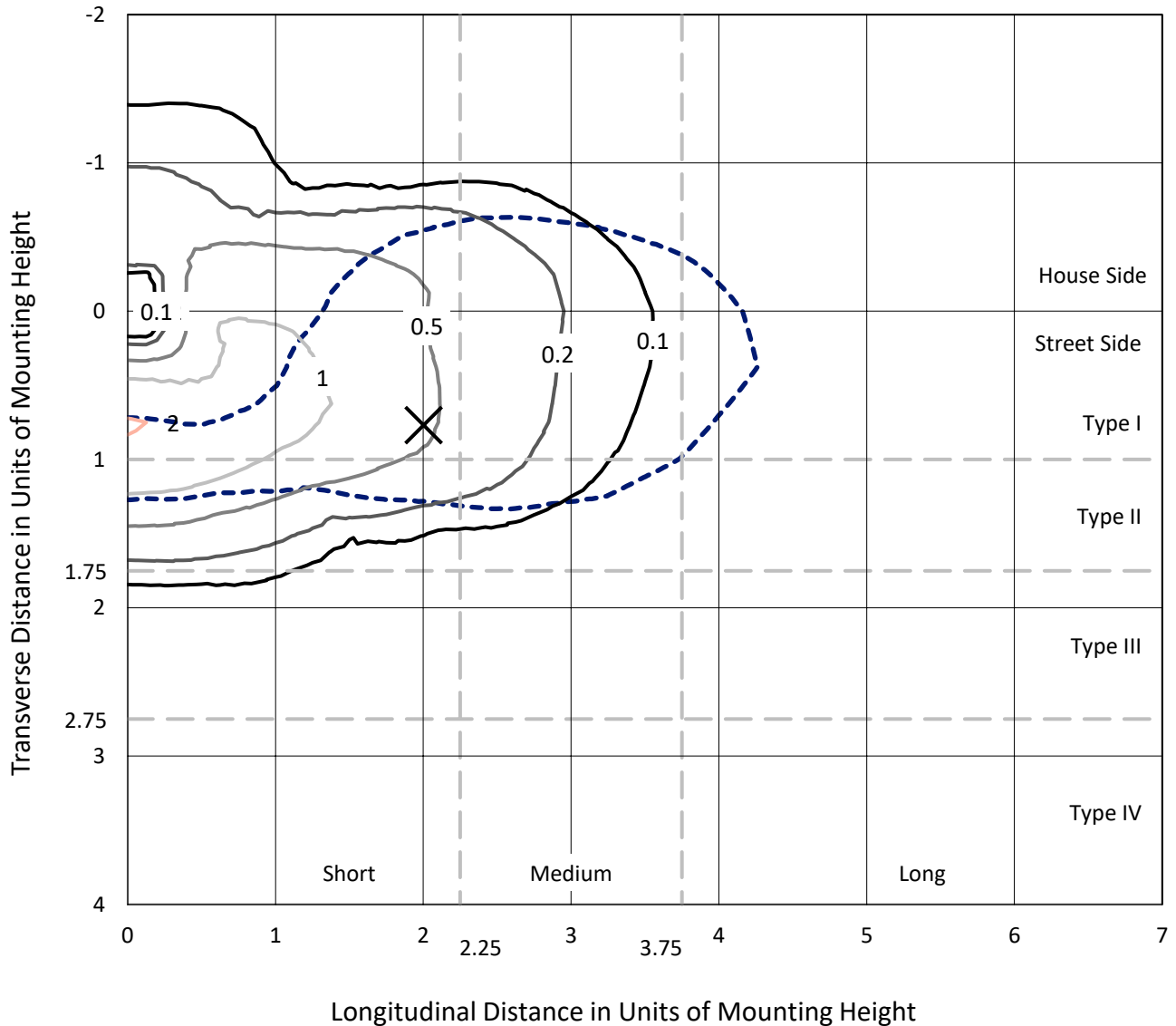
Input Watts (W): 62
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

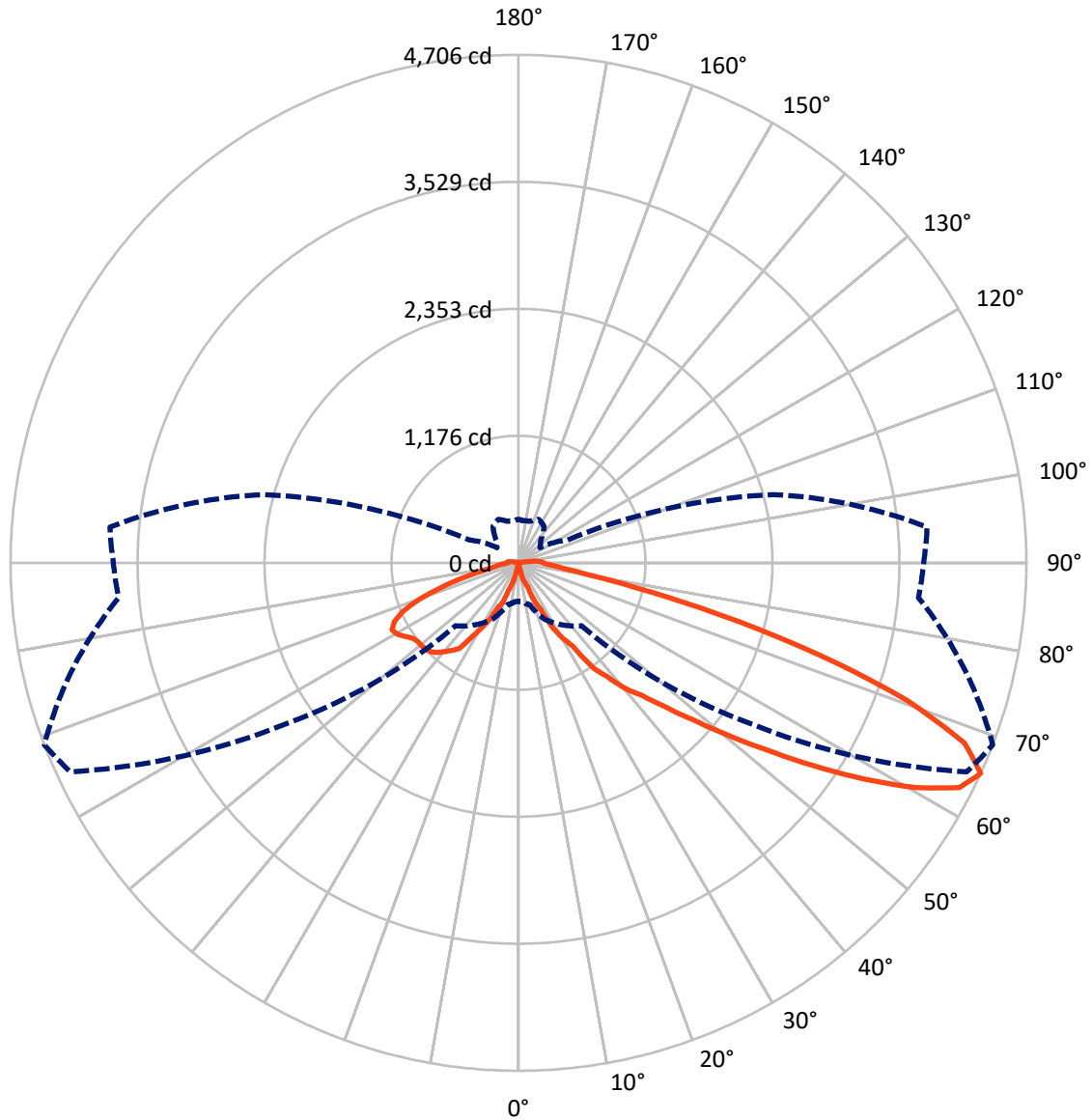
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2.1 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 69-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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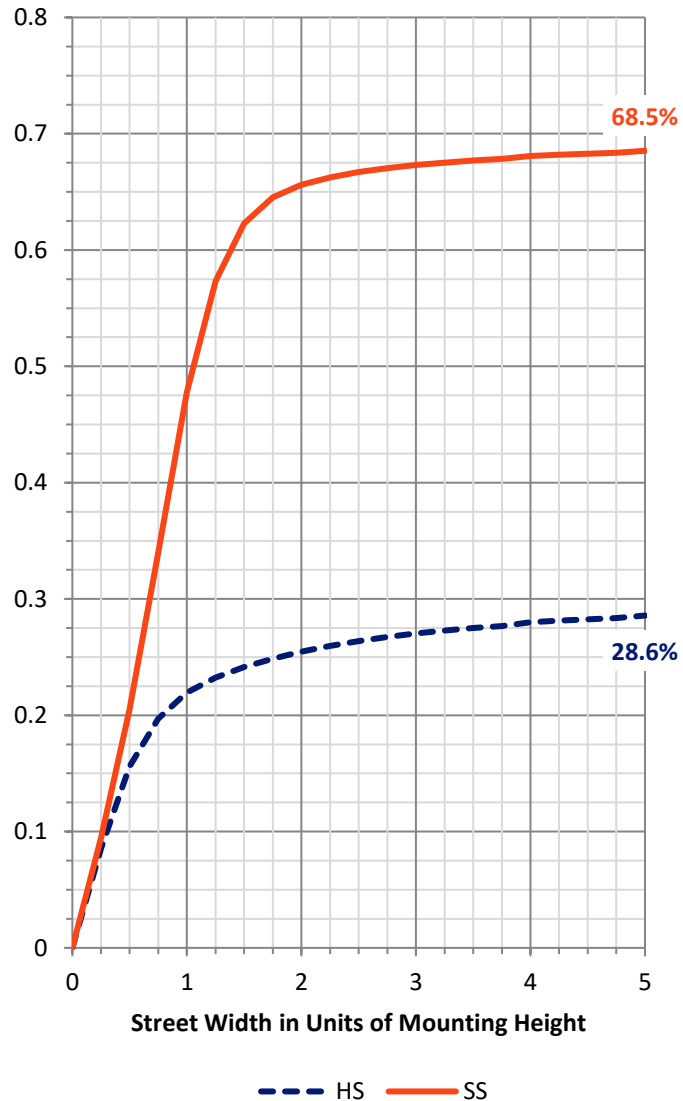
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1841.4	53.9	1895.3
	% Fixture	29.3	0.9	30.2
Street Side	Lumens	4339.1	46.7	4385.8
	% Fixture	69.1	0.7	69.8
Total	Lumens	6180.4	100.6	6281.1
	% Fixture	98.4	1.6	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	0.5	0.0
10°-20°	37.9	0.6
20°-30°	241.9	3.9
30°-40°	663.7	10.6
40°-50°	1183.3	18.8
50°-60°	1536.0	24.5
60°-70°	1468.8	23.4
70°-80°	846.5	13.5
80°-90°	201.9	3.2
90°-100°	71.3	1.1
100°-110°	12.9	0.2
110°-120°	6.2	0.1
120°-130°	5.0	0.1
130°-140°	3.0	0.0
140°-150°	2.0	0.0
150°-160°	0.2	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	6180.4	98.4
0°-180°	6281.1	100.0

Coefficient of Utilization

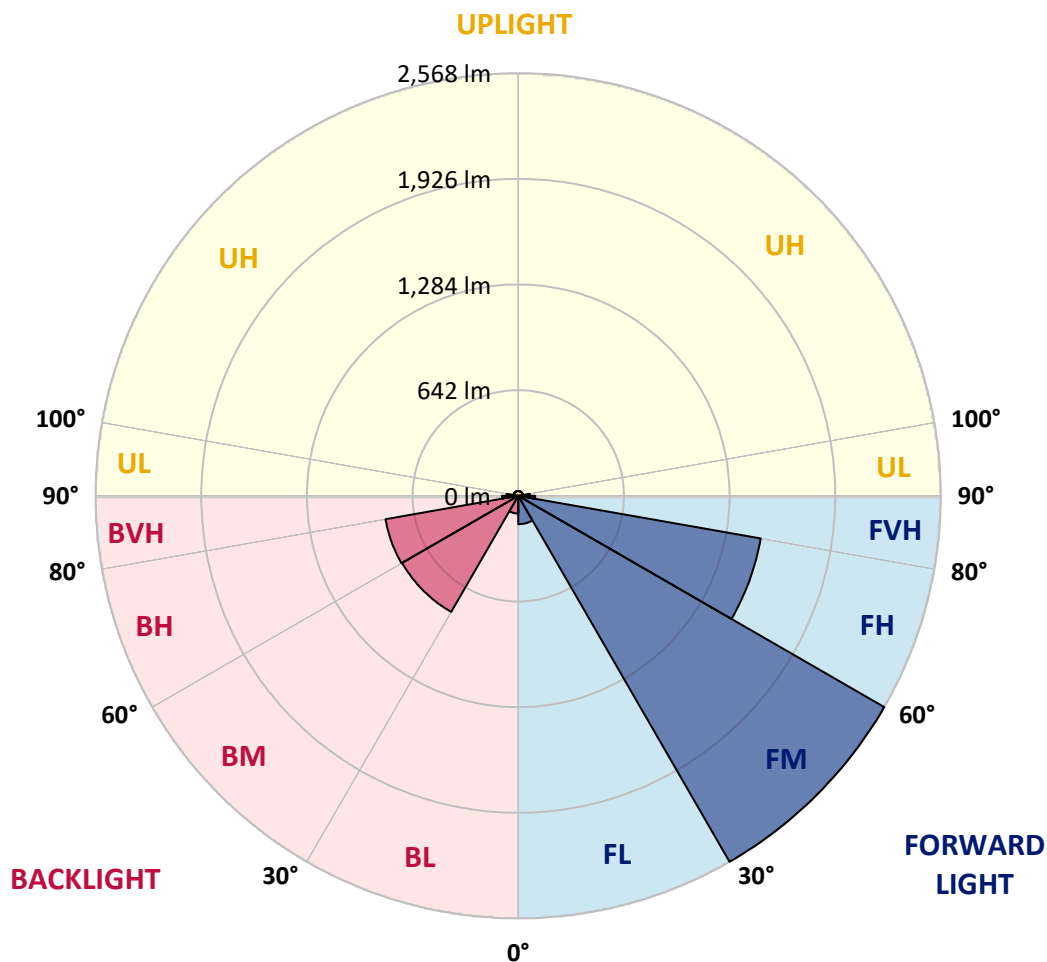


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	172.5	2.7			
FM (30°-60°)	2567.9	40.9			
FH (60°-80°)	1495.9	23.8			G1/1800
FVH (80°-90°)	102.8	1.6			G2/225
BL (0°-30°)	107.8	1.7	B0/110		
BM (30°-60°)	815.1	13.0	B1/1000		
BH (60°-80°)	819.3	13.0	B2/1000		G2/1000
BVH (80°-90°)	99.1	1.6			G1/100
UL (90°-100°)	71.3	1.1		U3/500	
UH (100°-180°)	29.3	0.5		U2/50	

BUG Rating: B2-U3-G2
 Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	69°	75°	85°
0°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
2.5°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	2.1	2.1
5°	4.3	4.3	4.3	6.4	4.3	4.3	4.3	4.3	4.3	2.1	2.1
7.5°	8.5	6.4	6.4	6.4	6.4	4.3	4.3	4.3	4.3	2.1	2.1
10°	36.1	29.8	23.4	17.0	10.6	6.4	6.4	4.3	4.3	4.3	4.3
12.5°	157.3	150.9	148.8	140.3	46.8	17.0	10.6	17.0	21.3	29.8	36.1
15°	184.9	182.8	178.5	165.8	157.3	116.9	38.3	144.5	157.3	165.8	167.9
17.5°	337.9	308.2	238.0	206.2	182.8	167.9	159.4	184.9	189.2	193.4	199.8
20°	457.0	457.0	437.8	384.7	233.8	278.4	274.2	221.0	231.7	286.9	361.3
22.5°	571.7	565.4	529.2	488.8	480.3	333.7	318.8	386.8	393.2	429.3	429.3
25°	941.5	941.5	835.3	616.4	576.0	484.6	491.0	495.2	480.3	488.8	510.1
27.5°	1118.0	1103.1	1062.7	939.4	714.1	673.7	582.4	580.2	690.8	714.1	729.0
30°	1598.3	1591.9	1364.5	1107.3	964.9	780.0	794.9	811.9	811.9	814.0	790.6
32.5°	1932.0	1940.5	1823.6	1472.9	1132.8	958.5	962.8	899.0	920.3	1066.9	1077.6
35°	2257.2	2274.2	2112.6	1791.7	1462.3	1188.1	1077.6	1156.2	1200.8	1198.7	1171.1
37.5°	2586.6	2573.8	2431.4	2070.1	1713.1	1366.6	1313.5	1360.2	1339.0	1366.6	1279.5
40°	2818.3	2816.1	2688.6	2363.4	1968.1	1613.2	1481.4	1523.9	1538.8	1528.2	1415.5
42.5°	2977.7	2962.8	2909.7	2665.2	2301.8	1940.5	1702.4	1732.2	1681.2	1721.6	1579.2
45°	3043.6	3024.4	3015.9	2831.0	2590.8	2439.9	2017.0	1957.5	1900.1	1980.9	1770.4
47.5°	2954.3	2928.8	2977.7	2920.3	2818.3	2790.6	2384.7	2178.5	2170.0	2231.7	2008.5
50°	2665.2	2620.6	2752.4	2854.4	2926.7	3032.9	2797.0	2531.3	2503.7	2508.0	2231.7
52.5°	2206.2	2208.3	2365.6	2550.5	2884.1	3075.4	3192.3	2975.5	2879.9	2833.1	2456.9
55°	1761.9	1776.8	1895.8	2059.5	2533.5	3032.9	3494.1	3477.1	3315.6	3147.7	2697.1
57.5°	1266.7	1298.6	1481.4	1594.0	2051.0	2735.4	3645.0	3923.5	3783.2	3472.9	2954.3
60°	724.8	763.0	962.8	1217.8	1570.7	2180.6	3570.6	4382.5	4229.5	3815.1	3211.5
62.5°	461.2	471.8	559.0	826.8	1026.6	1434.6	3256.1	4661.0	4584.5	4129.6	3489.9
65°	357.1	361.3	403.8	578.1	701.4	824.6	2561.1	4582.3	4705.6	4346.4	3719.4
67.5°	327.3	327.3	340.1	414.5	531.3	520.7	1655.7	4104.1	4456.9	4376.2	3795.9
70°	306.1	310.3	325.2	335.8	418.7	393.2	890.5	3247.6	3825.7	4085.0	3770.4
72.5°	267.8	272.0	291.2	318.8	325.2	318.8	497.3	2159.4	2907.5	3430.4	3564.3
75°	227.4	229.5	242.3	286.9	284.8	257.2	412.3	1290.1	1925.6	2516.5	3022.3
77.5°	187.0	193.4	208.3	231.7	259.3	204.0	367.7	758.8	1098.8	1583.4	2095.6
80°	138.2	142.4	157.3	191.3	208.3	176.4	303.9	493.1	616.4	820.4	1009.6
82.5°	99.9	102.0	114.8	138.2	148.8	150.9	238.0	397.4	423.0	452.7	454.8
85°	61.6	59.5	61.6	72.3	91.4	97.8	172.2	316.7	318.8	308.2	303.9
87.5°	27.6	27.6	21.3	25.5	29.8	29.8	89.3	250.8	250.8	238.0	246.5
90°	29.8	29.8	21.3	21.3	23.4	21.3	51.0	212.5	225.3	225.3	248.7
92.5°	31.9	29.8	23.4	21.3	21.3	19.1	31.9	170.0	204.0	225.3	257.2
95°	29.8	29.8	21.3	19.1	19.1	17.0	25.5	116.9	163.7	182.8	218.9
97.5°	21.3	21.3	14.9	14.9	17.0	14.9	19.1	48.9	63.8	82.9	110.5
100°	14.9	14.9	10.6	10.6	10.6	10.6	12.8	21.3	25.5	21.3	25.5
102.5°	12.8	14.9	8.5	8.5	8.5	6.4	8.5	10.6	12.8	14.9	19.1
105°	12.8	12.8	6.4	6.4	6.4	6.4	4.3	8.5	8.5	10.6	19.1
107.5°	8.5	8.5	6.4	6.4	4.3	4.3	4.3	6.4	8.5	10.6	19.1
110°	6.4	6.4	4.3	4.3	4.3	4.3	4.3	6.4	8.5	8.5	14.9

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CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	69°	75°	85°
112.5°	4.3	4.3	4.3	2.1	2.1	4.3	4.3	6.4	6.4	6.4	10.6
115°	4.3	4.3	2.1	2.1	2.1	2.1	4.3	4.3	6.4	6.4	10.6
117.5°	4.3	4.3	2.1	2.1	2.1	2.1	2.1	4.3	4.3	6.4	10.6
120°	6.4	4.3	2.1	2.1	2.1	2.1	2.1	4.3	4.3	6.4	10.6
122.5°	6.4	6.4	2.1	2.1	2.1	2.1	2.1	4.3	4.3	6.4	10.6
125°	6.4	6.4	4.3	2.1	2.1	2.1	2.1	4.3	4.3	6.4	8.5
127.5°	4.3	4.3	2.1	2.1	2.1	2.1	2.1	2.1	4.3	4.3	8.5
130°	4.3	4.3	2.1	2.1	2.1	2.1	2.1	2.1	4.3	4.3	8.5
132.5°	4.3	4.3	2.1	2.1	2.1	2.1	2.1	2.1	2.1	4.3	6.4
135°	4.3	4.3	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	4.3
137.5°	4.3	4.3	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	4.3
140°	4.3	4.3	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
142.5°	4.3	4.3	4.3	4.3	2.1	2.1	2.1	2.1	2.1	2.1	2.1
145°	4.3	6.4	4.3	4.3	4.3	2.1	2.1	2.1	2.1	2.1	2.1
147.5°	6.4	6.4	6.4	4.3	2.1	2.1	2.1	2.1	2.1	2.1	2.1
150°	6.4	6.4	6.4	4.3	2.1	2.1	2.1	2.1	2.1	2.1	2.1
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°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
2.5°	2.1	2.1	2.1	2.1	4.3	4.3	4.3	4.3	4.3	4.3	4.3
5°	2.1	2.1	2.1	2.1	2.1	4.3	4.3	4.3	4.3	4.3	4.3
7.5°	2.1	2.1	2.1	2.1	2.1	4.3	4.3	4.3	4.3	4.3	4.3
10°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
12.5°	34.0	31.9	27.6	14.9	6.4	4.3	4.3	4.3	6.4	8.5	8.5
15°	172.2	174.3	170.0	153.0	38.3	10.6	6.4	19.1	72.3	125.4	87.1
17.5°	199.8	201.9	197.7	193.4	176.4	78.6	51.0	167.9	174.3	187.0	182.8
20°	367.7	363.4	303.9	225.3	204.0	189.2	159.4	193.4	204.0	208.3	208.3
22.5°	427.2	425.1	416.6	393.2	242.3	282.7	252.9	212.5	348.6	365.6	363.4
25°	495.2	482.5	459.1	437.8	418.7	310.3	312.4	337.9	357.1	359.2	359.2
27.5°	709.9	692.9	654.6	544.1	491.0	386.8	391.1	346.4	348.6	418.7	431.5
30°	771.5	743.9	703.5	682.2	565.4	454.8	374.1	397.4	410.2	408.1	412.3
32.5°	1028.7	988.3	848.0	763.0	622.7	440.0	391.1	384.7	384.7	418.7	423.0
35°	1109.5	1049.9	973.4	952.2	633.4	431.5	369.8	376.2	425.1	431.5	429.3
37.5°	1205.1	1122.2	1045.7	994.7	663.1	399.6	350.7	378.3	393.2	393.2	391.1
40°	1311.4	1228.5	1149.8	1007.4	631.2	367.7	352.8	359.2	369.8	363.4	361.3
42.5°	1466.5	1356.0	1285.9	1007.4	550.5	348.6	344.3	344.3	352.8	346.4	344.3
45°	1655.7	1528.2	1400.6	992.6	467.6	337.9	340.1	337.9	346.4	337.9	335.8
47.5°	1855.5	1723.7	1504.8	956.4	403.8	329.4	346.4	335.8	337.9	325.2	323.1
50°	2082.9	1940.5	1613.2	892.7	367.7	329.4	344.3	337.9	331.6	318.8	316.7
52.5°	2312.4	2167.9	1740.7	814.0	342.2	323.1	346.4	344.3	335.8	316.7	316.7
55°	2548.3	2448.4	1887.3	746.0	314.6	320.9	357.1	357.1	340.1	314.6	312.4
57.5°	2801.3	2733.2	2048.9	720.5	289.1	308.2	374.1	378.3	346.4	312.4	312.4
60°	3096.7	3124.3	2221.0	690.8	272.0	297.6	382.6	397.4	354.9	312.4	312.4
62.5°	3464.4	3543.0	2382.6	622.7	257.2	282.7	391.1	418.7	380.4	348.6	350.7
65°	3753.4	3800.2	2439.9	499.5	242.3	289.1	412.3	444.2	397.4	393.2	403.8
67.5°	3912.8	3891.6	2352.8	380.4	225.3	284.8	405.9	461.2	416.6	427.2	433.6
70°	3908.6	3753.4	2063.7	293.3	210.4	280.6	412.3	454.8	427.2	457.0	476.1
72.5°	3636.5	3283.7	1564.3	255.0	210.4	276.3	401.7	437.8	429.3	459.1	474.0
75°	2922.4	2495.2	1073.3	223.2	199.8	263.5	382.6	408.1	391.1	416.6	425.1
77.5°	1936.2	1640.8	599.4	201.9	197.7	242.3	348.6	361.3	342.2	359.2	365.6
80°	907.5	756.6	333.7	187.0	191.3	214.7	286.9	306.1	276.3	293.3	293.3
82.5°	416.6	384.7	252.9	170.0	172.2	163.7	223.2	252.9	225.3	233.8	225.3
85°	280.6	282.7	201.9	144.5	140.3	116.9	176.4	195.5	170.0	176.4	148.8
87.5°	244.4	250.8	161.5	93.5	80.8	72.3	114.8	119.0	87.1	72.3	70.1
90°	250.8	252.9	148.8	70.1	48.9	38.3	61.6	59.5	38.3	34.0	34.0
92.5°	259.3	259.3	150.9	74.4	48.9	36.1	55.3	44.6	34.0	29.8	29.8
95°	235.9	223.2	131.8	74.4	46.8	31.9	44.6	38.3	29.8	29.8	27.6
97.5°	144.5	131.8	97.8	74.4	38.3	27.6	34.0	29.8	21.3	19.1	19.1
100°	40.4	34.0	61.6	59.5	27.6	19.1	23.4	19.1	12.8	10.6	8.5
102.5°	19.1	19.1	31.9	38.3	14.9	10.6	12.8	12.8	10.6	10.6	8.5
105°	19.1	19.1	14.9	17.0	8.5	6.4	6.4	8.5	8.5	10.6	10.6
107.5°	19.1	21.3	12.8	8.5	8.5	6.4	4.3	6.4	8.5	10.6	12.8
110°	17.0	17.0	10.6	8.5	6.4	6.4	4.3	6.4	8.5	12.8	12.8

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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
112.5°	12.8	12.8	8.5	8.5	6.4	6.4	4.3	4.3	8.5	12.8	14.9
115°	10.6	10.6	8.5	6.4	4.3	4.3	4.3	4.3	8.5	14.9	17.0
117.5°	10.6	10.6	6.4	4.3	4.3	4.3	4.3	4.3	8.5	17.0	17.0
120°	10.6	10.6	6.4	4.3	4.3	4.3	4.3	6.4	10.6	17.0	19.1
122.5°	10.6	10.6	6.4	4.3	4.3	4.3	4.3	6.4	10.6	17.0	19.1
125°	10.6	10.6	6.4	4.3	4.3	4.3	4.3	6.4	10.6	17.0	17.0
127.5°	8.5	8.5	6.4	4.3	4.3	4.3	4.3	4.3	8.5	14.9	17.0
130°	8.5	8.5	6.4	4.3	4.3	4.3	4.3	4.3	8.5	14.9	14.9
132.5°	6.4	6.4	4.3	4.3	4.3	2.1	4.3	4.3	8.5	12.8	12.8
135°	4.3	4.3	4.3	2.1	2.1	2.1	4.3	4.3	6.4	8.5	10.6
137.5°	4.3	4.3	2.1	2.1	4.3	4.3	4.3	4.3	6.4	6.4	6.4
140°	2.1	2.1	2.1	2.1	4.3	4.3	4.3	4.3	4.3	6.4	6.4
142.5°	2.1	2.1	2.1	2.1	4.3	2.1	4.3	4.3	4.3	6.4	6.4
145°	2.1	2.1	2.1	2.1	2.1	2.1	4.3	4.3	4.3	6.4	6.4
147.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	4.3	6.4	6.4	6.4
150°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	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

(END OF REPORT)