

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: P695127

Luminaire Tested: **LXF.LXT-PA16-40-740-U-SL3-CL**

Issue Date: 7/5/2023

Test Information

Test Method: LM-79-08
Report Number: P695127
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-PA16-40-740-U-SL3-CL
Description: DECORATIVE POST TOP LUMINAIRE
(1) 70 CRI, 4000K, 740mA 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: 4465 lumens
Efficiency: N/A
Efficacy: 111.1 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 - G2

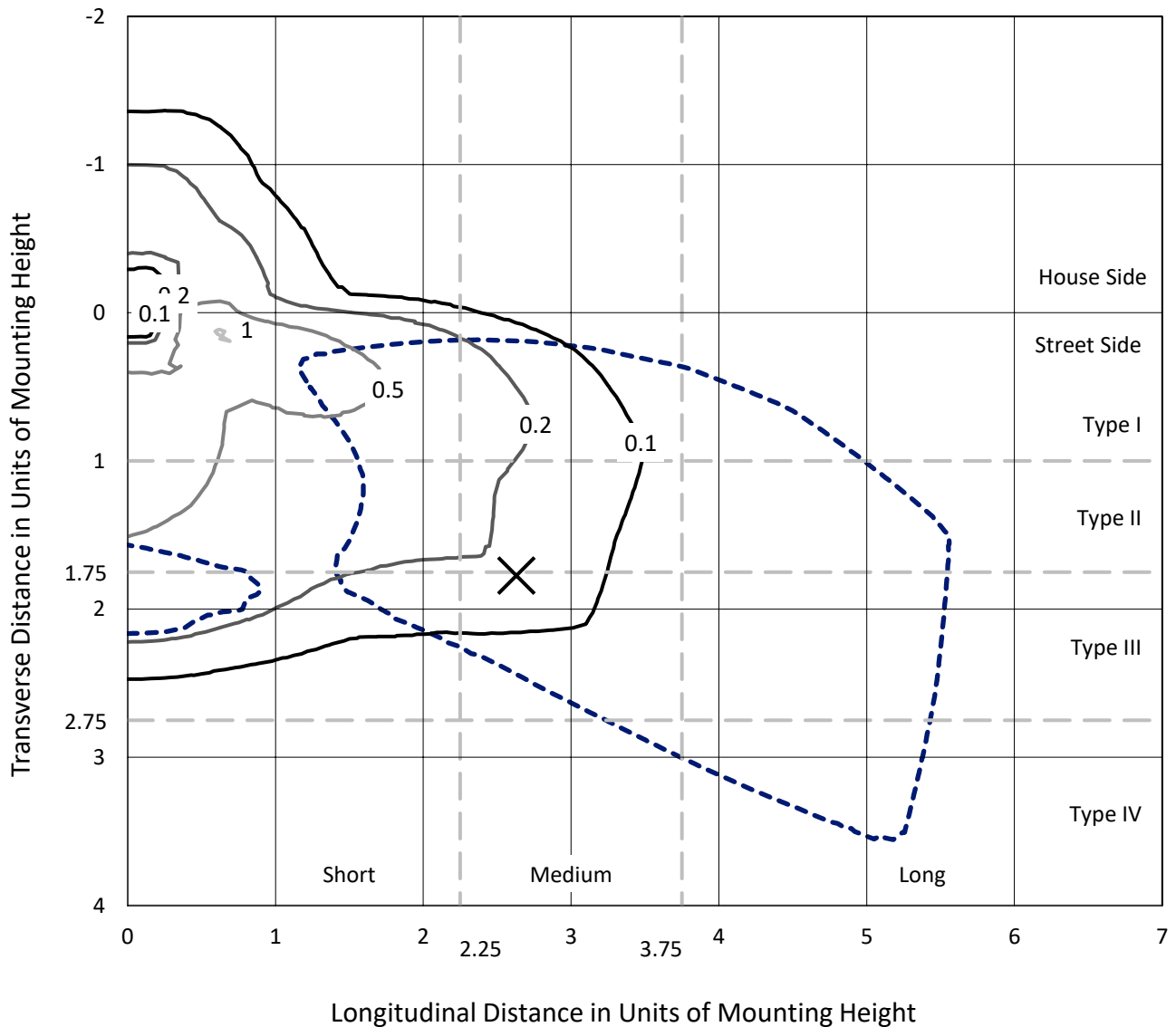
Input Watts (W): 40.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

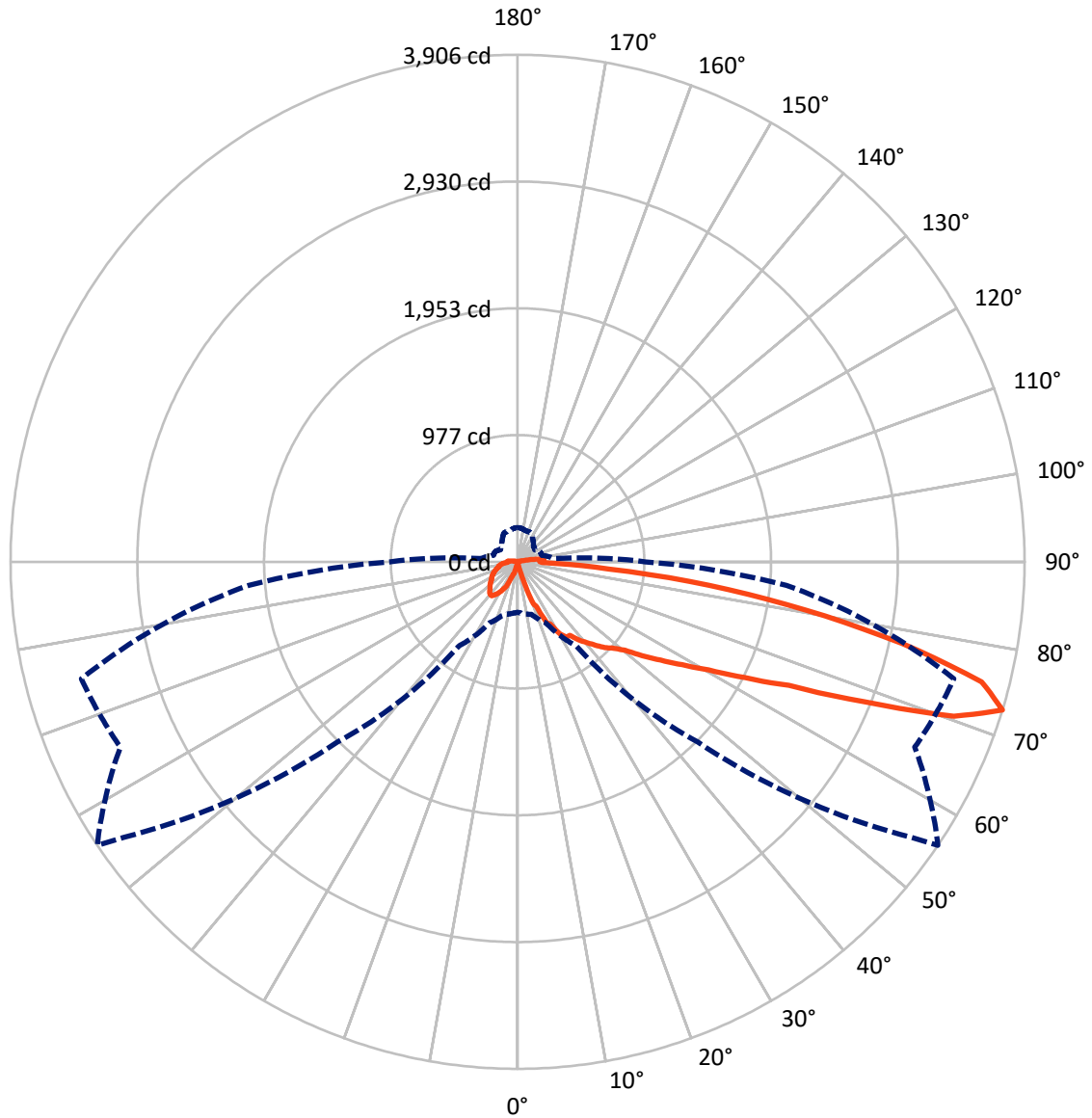
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1 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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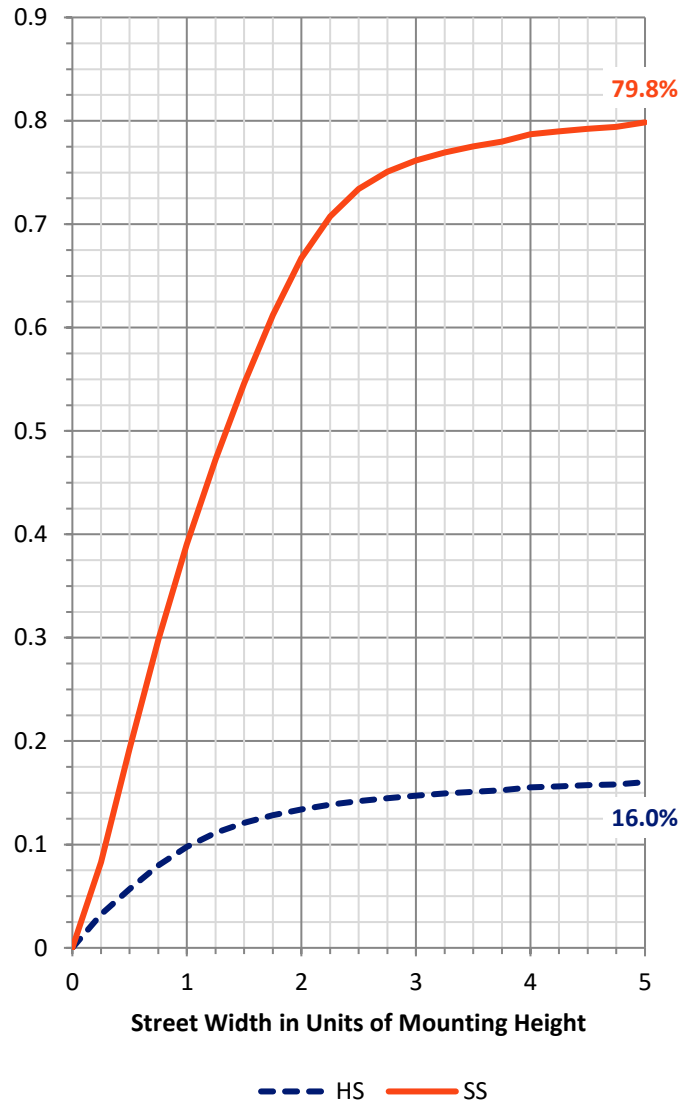
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	762.7	48.3	811.1
	% Fixture	17.1	1.1	18.2
Street Side	Lumens	3603.0	50.9	3653.9
	% Fixture	80.7	1.1	81.8
Total	Lumens	4365.7	99.3	4465.0
	% Fixture	97.8	2.2	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	0.6	0.0
10°-20°	36.7	0.8
20°-30°	172.6	3.9
30°-40°	380.0	8.5
40°-50°	569.8	12.8
50°-60°	839.1	18.8
60°-70°	1165.1	26.1
70°-80°	938.8	21.0
80°-90°	263.0	5.9
90°-100°	70.8	1.6
100°-110°	13.7	0.3
110°-120°	5.3	0.1
120°-130°	4.1	0.1
130°-140°	2.9	0.1
140°-150°	2.2	0.0
150°-160°	0.2	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	4365.7	97.8
0°-180°	4465.0	100.0

Coefficient of Utilization

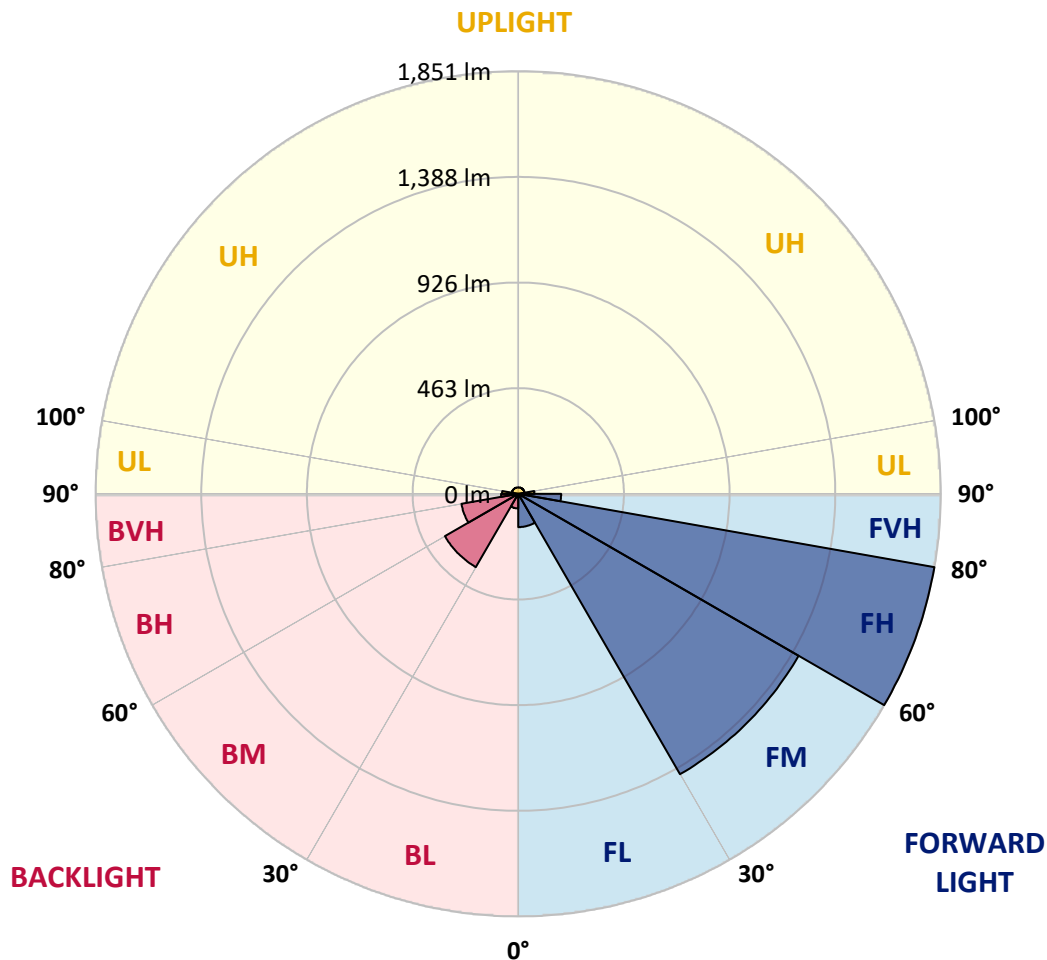


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	145.8	3.3			
FM (30°-60°)	1418.1	31.8			
FH (60°-80°)	1851.3	41.5			G2/5000
FVH (80°-90°)	187.8	4.2			G2/225
BL (0°-30°)	64.1	1.4	B0/110		
BM (30°-60°)	370.8	8.3	B1/1000		
BH (60°-80°)	252.6	5.7	B1/500		G1/500
BVH (80°-90°)	75.3	1.7			G1/100
UL (90°-100°)	70.8	1.6		U3/500	
UH (100°-180°)	28.4	0.6		U2/50	

BUG Rating: B1-U3-G2
 Type IV Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	56°	65°	75°	85°
0°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
2.5°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
5°	4.9	4.9	4.9	4.9	6.5	6.5	4.9	4.9	4.9	4.9	4.9
7.5°	8.2	8.2	6.5	6.5	6.5	6.5	6.5	6.5	4.9	4.9	4.9
10°	47.4	45.8	40.9	27.8	16.3	8.2	6.5	6.5	6.5	6.5	8.2
12.5°	207.6	206.0	207.6	194.6	52.3	27.8	13.1	13.1	19.6	26.2	34.3
15°	219.1	220.7	220.7	214.2	214.2	91.6	50.7	70.3	201.1	219.1	214.2
17.5°	287.8	277.9	238.7	228.9	233.8	232.2	201.1	201.1	233.8	246.9	243.6
20°	338.4	338.4	340.1	336.8	250.2	320.5	345.0	346.6	276.3	382.6	413.7
22.5°	379.3	382.6	366.2	353.2	381.0	331.9	374.4	374.4	467.6	524.8	503.6
25°	526.5	524.8	495.4	395.7	395.7	402.2	508.5	518.3	585.3	583.7	560.8
27.5°	606.6	606.6	573.9	515.0	438.2	459.4	523.2	546.1	663.8	843.7	763.5
30°	819.1	822.4	750.5	614.8	529.7	488.9	606.6	647.5	832.2	886.2	793.0
32.5°	881.3	882.9	887.8	786.4	613.1	542.8	662.2	691.6	892.7	1121.6	999.0
35°	899.2	902.5	902.5	830.6	768.4	631.1	673.6	694.9	1062.7	1182.1	1000.6
37.5°	958.1	956.5	943.4	860.0	828.9	698.1	743.9	765.2	1133.0	1272.0	995.7
40°	1041.5	1041.5	1020.2	917.2	853.5	766.8	793.0	815.9	1214.8	1378.3	999.0
42.5°	1138.0	1129.8	1105.3	982.6	892.7	809.3	858.4	878.0	1299.8	1512.4	1003.9
45°	1254.0	1245.9	1196.8	1074.2	961.4	827.3	905.8	943.4	1396.3	1654.6	1033.3
47.5°	1365.2	1361.9	1306.4	1165.7	1030.0	853.5	941.8	994.1	1512.4	1836.1	1090.5
50°	1502.6	1486.2	1414.3	1255.7	1092.2	904.1	1034.9	1069.3	1635.0	2011.0	1177.2
52.5°	1626.8	1597.4	1522.2	1347.2	1167.4	974.5	1177.2	1200.1	1775.6	2194.2	1276.9
55°	1747.8	1705.3	1602.3	1442.1	1239.3	1056.2	1330.9	1335.8	1935.8	2382.2	1399.6
57.5°	1929.3	1885.1	1736.4	1530.4	1334.2	1160.8	1479.7	1496.0	2094.4	2593.1	1543.4
60°	2181.1	2150.0	1970.2	1739.6	1502.6	1299.8	1657.9	1690.6	2251.4	2804.0	1685.7
62.5°	2277.5	2241.6	2105.9	1945.6	1742.9	1550.0	1878.6	1966.9	2393.6	3016.6	1850.8
65°	2015.9	2015.9	1944.0	1953.8	1893.3	1950.5	2192.5	2295.5	2560.4	3185.0	1993.1
67.5°	1311.3	1317.8	1363.6	1558.1	1774.0	2274.3	2733.7	2875.9	2813.8	3366.4	2112.4
70°	595.1	618.0	717.8	987.5	1350.5	2293.9	3356.6	3564.3	3108.1	3490.7	2154.9
72.5°	389.1	397.3	420.2	521.6	794.6	1965.3	3701.6	3906.0	3376.3	3479.3	2078.1
75°	325.4	320.5	333.5	369.5	400.6	1348.9	3521.8	3691.8	3341.9	3273.3	1891.7
77.5°	269.8	264.9	277.9	297.6	237.1	740.7	2928.3	3026.4	2890.7	2797.5	1543.4
80°	207.6	207.6	214.2	240.3	173.3	359.7	2176.2	2249.7	2140.2	1998.0	923.8
82.5°	142.2	140.6	155.3	184.8	139.0	207.6	1486.2	1487.8	1278.6	972.8	434.9
85°	63.8	63.8	76.8	106.3	81.7	129.2	678.5	703.0	434.9	310.6	194.6
87.5°	21.3	21.3	22.9	26.2	27.8	60.5	189.7	192.9	168.4	191.3	143.9
90°	19.6	19.6	19.6	19.6	21.3	58.9	170.0	170.0	150.4	178.2	143.9
92.5°	19.6	19.6	18.0	16.3	18.0	54.0	188.0	202.7	165.1	186.4	150.4
95°	19.6	19.6	16.3	14.7	16.3	39.2	188.0	201.1	173.3	161.9	135.7
97.5°	13.1	13.1	11.4	11.4	13.1	22.9	137.3	142.2	111.2	81.7	81.7
100°	11.4	11.4	8.2	8.2	9.8	13.1	73.6	78.5	54.0	26.2	26.2
102.5°	11.4	11.4	6.5	6.5	6.5	8.2	21.3	22.9	19.6	11.4	13.1
105°	13.1	13.1	6.5	4.9	4.9	6.5	9.8	9.8	11.4	9.8	13.1
107.5°	11.4	11.4	4.9	4.9	4.9	4.9	4.9	4.9	6.5	9.8	13.1
110°	8.2	6.5	4.9	4.9	3.3	4.9	4.9	4.9	4.9	8.2	11.4

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CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	56°	65°	75°	85°
112.5°	4.9	4.9	3.3	3.3	3.3	4.9	3.3	3.3	4.9	6.5	9.8
115°	4.9	4.9	3.3	3.3	3.3	3.3	3.3	3.3	3.3	6.5	8.2
117.5°	4.9	4.9	3.3	3.3	3.3	3.3	3.3	3.3	3.3	6.5	9.8
120°	4.9	4.9	3.3	1.6	3.3	3.3	3.3	3.3	3.3	6.5	9.8
122.5°	4.9	4.9	3.3	1.6	3.3	3.3	3.3	3.3	3.3	6.5	9.8
125°	4.9	4.9	3.3	1.6	3.3	1.6	3.3	3.3	3.3	6.5	8.2
127.5°	4.9	3.3	3.3	1.6	3.3	3.3	3.3	3.3	3.3	4.9	8.2
130°	3.3	3.3	3.3	1.6	3.3	3.3	3.3	3.3	3.3	4.9	8.2
132.5°	3.3	3.3	3.3	1.6	3.3	3.3	3.3	3.3	3.3	4.9	6.5
135°	3.3	3.3	1.6	1.6	3.3	3.3	3.3	3.3	3.3	3.3	4.9
137.5°	3.3	3.3	3.3	1.6	3.3	3.3	3.3	3.3	3.3	3.3	4.9
140°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
142.5°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
145°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	4.9	4.9
147.5°	3.3	4.9	3.3	3.3	3.3	3.3	3.3	3.3	3.3	4.9	4.9
150°	4.9	4.9	3.3	3.3	3.3	3.3	3.3	3.3	3.3	4.9	4.9
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°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
2.5°	4.9	4.9	3.3	3.3	3.3	3.3	4.9	4.9	4.9	4.9	4.9
5°	4.9	4.9	3.3	3.3	3.3	3.3	3.3	3.3	4.9	4.9	4.9
7.5°	4.9	4.9	3.3	3.3	3.3	3.3	3.3	3.3	4.9	4.9	4.9
10°	6.5	6.5	4.9	3.3	3.3	3.3	3.3	3.3	4.9	4.9	4.9
12.5°	39.2	34.3	26.2	14.7	6.5	3.3	3.3	3.3	4.9	6.5	6.5
15°	204.4	191.3	153.7	101.4	32.7	8.2	4.9	14.7	45.8	62.1	60.5
17.5°	233.8	214.2	160.2	111.2	89.9	40.9	42.5	76.8	89.9	96.5	94.8
20°	403.8	333.5	197.8	129.2	104.6	98.1	86.7	98.1	111.2	119.4	121.0
22.5°	459.4	382.6	235.4	192.9	134.1	139.0	129.2	124.3	176.6	189.7	192.9
25°	497.0	397.3	246.9	217.5	204.4	161.9	178.2	183.1	204.4	212.5	214.2
27.5°	637.6	467.6	304.1	248.5	228.9	204.4	210.9	210.9	233.8	273.0	274.7
30°	629.5	439.8	318.8	291.0	256.7	240.3	230.5	268.1	297.6	305.7	307.4
32.5°	737.4	475.8	356.4	307.4	286.1	255.1	273.0	294.3	312.3	335.2	348.3
35°	675.3	430.0	371.1	345.0	302.5	279.6	295.9	315.6	376.0	395.7	395.7
37.5°	606.6	392.4	358.1	348.3	325.4	297.6	302.5	356.4	384.2	376.0	376.0
40°	544.5	366.2	346.6	341.7	327.0	297.6	320.5	346.6	372.8	366.2	366.2
42.5°	505.2	349.9	335.2	331.9	320.5	292.7	310.6	341.7	371.1	359.7	358.1
45°	490.5	335.2	327.0	320.5	302.5	281.2	304.1	345.0	367.9	354.8	353.2
47.5°	505.2	327.0	318.8	310.6	287.8	263.2	307.4	340.1	361.3	341.7	338.4
50°	552.6	327.0	309.0	297.6	276.3	263.2	302.5	328.6	345.0	322.1	317.2
52.5°	614.8	333.5	299.2	282.9	264.9	261.6	295.9	322.1	331.9	307.4	305.7
55°	699.8	345.0	286.1	271.4	246.9	255.1	295.9	323.7	320.5	292.7	291.0
57.5°	786.4	358.1	274.7	263.2	235.4	246.9	292.7	325.4	305.7	271.4	271.4
60°	879.6	374.4	260.0	253.4	227.3	235.4	282.9	322.1	291.0	255.1	255.1
62.5°	972.8	382.6	248.5	243.6	217.5	224.0	271.4	312.3	286.1	251.8	251.8
65°	1048.0	374.4	237.1	230.5	204.4	210.9	255.1	304.1	277.9	253.4	255.1
67.5°	1090.5	351.5	225.6	220.7	191.3	197.8	235.4	286.1	264.9	251.8	255.1
70°	1070.9	312.3	210.9	204.4	178.2	186.4	217.5	264.9	256.7	251.8	256.7
72.5°	985.9	282.9	192.9	189.7	161.9	173.3	206.0	246.9	246.9	261.6	263.2
75°	878.0	251.8	178.2	174.9	150.4	158.6	201.1	225.6	230.5	250.2	255.1
77.5°	712.9	210.9	157.0	160.2	147.1	147.1	191.3	212.5	217.5	240.3	242.0
80°	436.5	155.3	135.7	143.9	135.7	140.6	179.8	197.8	201.1	232.2	235.4
82.5°	217.5	109.5	116.1	127.5	121.0	139.0	171.7	188.0	204.4	235.4	237.1
85°	111.2	67.0	88.3	103.0	104.6	153.7	168.4	194.6	191.3	212.5	217.5
87.5°	70.3	34.3	50.7	55.6	78.5	145.5	148.8	160.2	157.0	181.5	181.5
90°	68.7	27.8	44.1	42.5	78.5	124.3	114.4	116.1	124.3	153.7	155.3
92.5°	71.9	26.2	45.8	42.5	83.4	98.1	91.6	88.3	98.1	116.1	119.4
95°	63.8	24.5	49.0	45.8	71.9	65.4	58.9	65.4	63.8	63.8	65.4
97.5°	37.6	18.0	47.4	45.8	57.2	34.3	39.2	49.0	37.6	27.8	26.2
100°	16.3	11.4	45.8	44.1	36.0	21.3	32.7	40.9	27.8	11.4	11.4
102.5°	9.8	9.8	32.7	40.9	21.3	11.4	24.5	27.8	16.3	9.8	9.8
105°	9.8	9.8	16.3	24.5	8.2	6.5	11.4	13.1	8.2	8.2	8.2
107.5°	9.8	9.8	8.2	8.2	6.5	6.5	6.5	6.5	6.5	8.2	8.2
110°	9.8	9.8	6.5	8.2	6.5	4.9	4.9	4.9	6.5	8.2	8.2

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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
112.5°	8.2	8.2	6.5	6.5	4.9	4.9	4.9	4.9	6.5	8.2	8.2
115°	8.2	8.2	6.5	4.9	4.9	4.9	4.9	4.9	6.5	8.2	8.2
117.5°	8.2	6.5	4.9	4.9	4.9	4.9	4.9	4.9	6.5	9.8	9.8
120°	8.2	6.5	4.9	4.9	3.3	3.3	4.9	4.9	6.5	9.8	9.8
122.5°	8.2	8.2	4.9	4.9	3.3	3.3	3.3	4.9	6.5	9.8	9.8
125°	8.2	6.5	4.9	4.9	3.3	3.3	3.3	3.3	6.5	9.8	9.8
127.5°	8.2	6.5	4.9	3.3	3.3	3.3	3.3	3.3	6.5	9.8	9.8
130°	6.5	6.5	4.9	3.3	3.3	3.3	3.3	3.3	6.5	8.2	9.8
132.5°	6.5	4.9	3.3	3.3	3.3	3.3	3.3	3.3	4.9	8.2	8.2
135°	4.9	4.9	3.3	3.3	3.3	3.3	3.3	3.3	4.9	6.5	6.5
137.5°	4.9	3.3	3.3	3.3	3.3	3.3	3.3	3.3	4.9	4.9	4.9
140°	3.3	3.3	3.3	3.3	1.6	1.6	3.3	3.3	3.3	4.9	4.9
142.5°	3.3	3.3	3.3	3.3	1.6	3.3	3.3	3.3	4.9	4.9	4.9
145°	4.9	3.3	3.3	3.3	1.6	1.6	3.3	3.3	4.9	4.9	4.9
147.5°	4.9	3.3	3.3	3.3	1.6	1.6	3.3	3.3	4.9	4.9	4.9
150°	4.9	4.9	3.3	3.3	1.6	1.6	3.3	3.3	4.9	4.9	4.9
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)