

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: P560719

Luminaire Tested: **SDL-PA1-60-730-U-T3-HSS-A**

Issue Date: 7/26/2021

Test Information

Test Method: LM-79-08
Report Number: P560719
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2106-279-1)
Test Lab: INNOVATION CENTER
Issue Date: 7/26/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: SDL-PA1-60-730-U-T3-HSS-A
Description: Springdale
(1) 70 CRI, 3000K, 800mA LIGHT ENGINE WITH 24 LEDS AND TYPE III OPTICS,
HOUSE SIDE SHIELD AND CLEAR PANELS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4761.2 lumens
Efficiency: N/A
Efficacy: 76.3 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 1.21' x L: 1.21' x H: 0.96')
IES Classification: Type IV - Medium
BUG Rating: B1 - U3 - G2

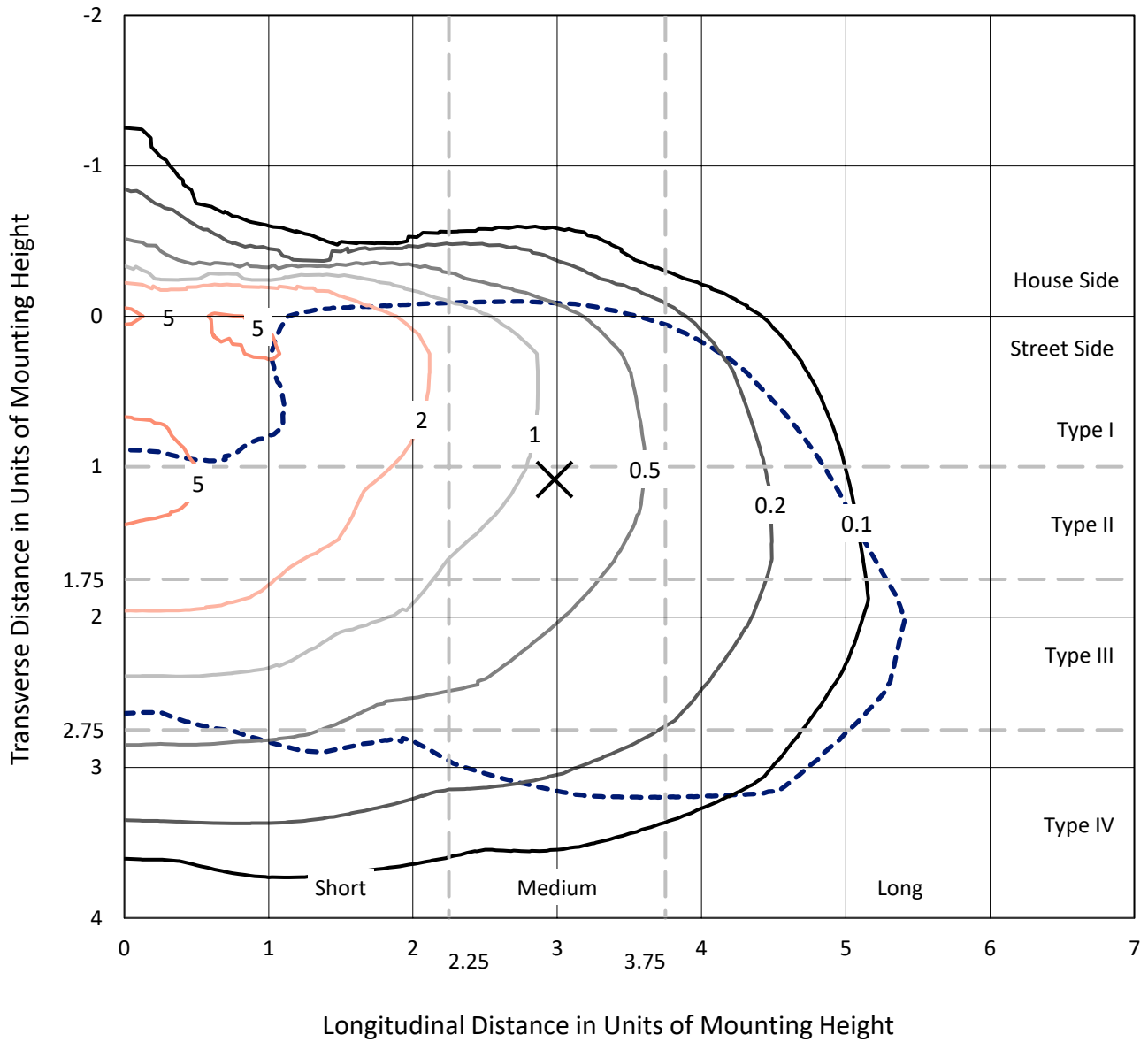
Input Watts (W): 62.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

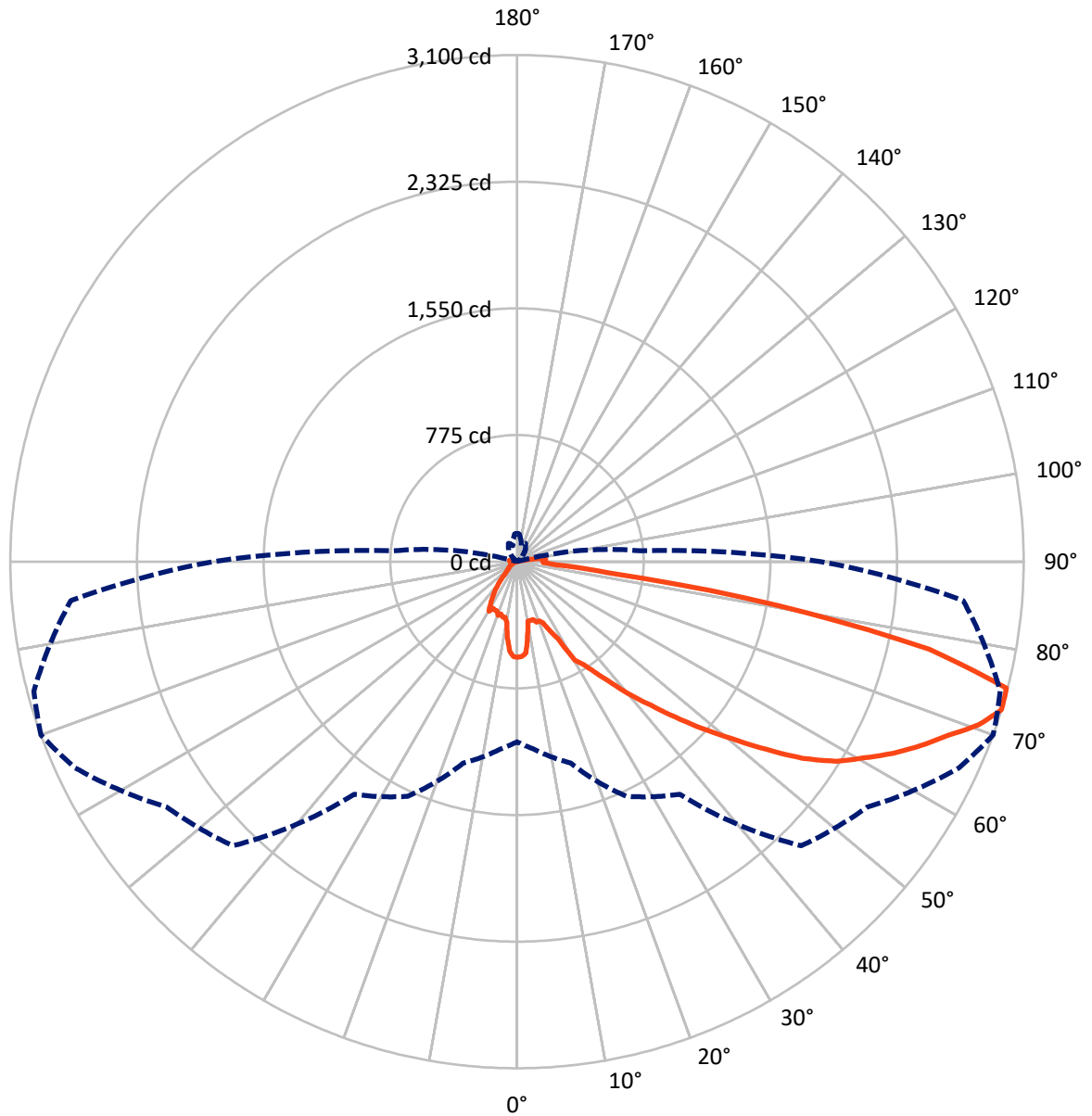
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 6.8 fc
 Type IV - Medium - N/A

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Luminous Intensity Polar Plot



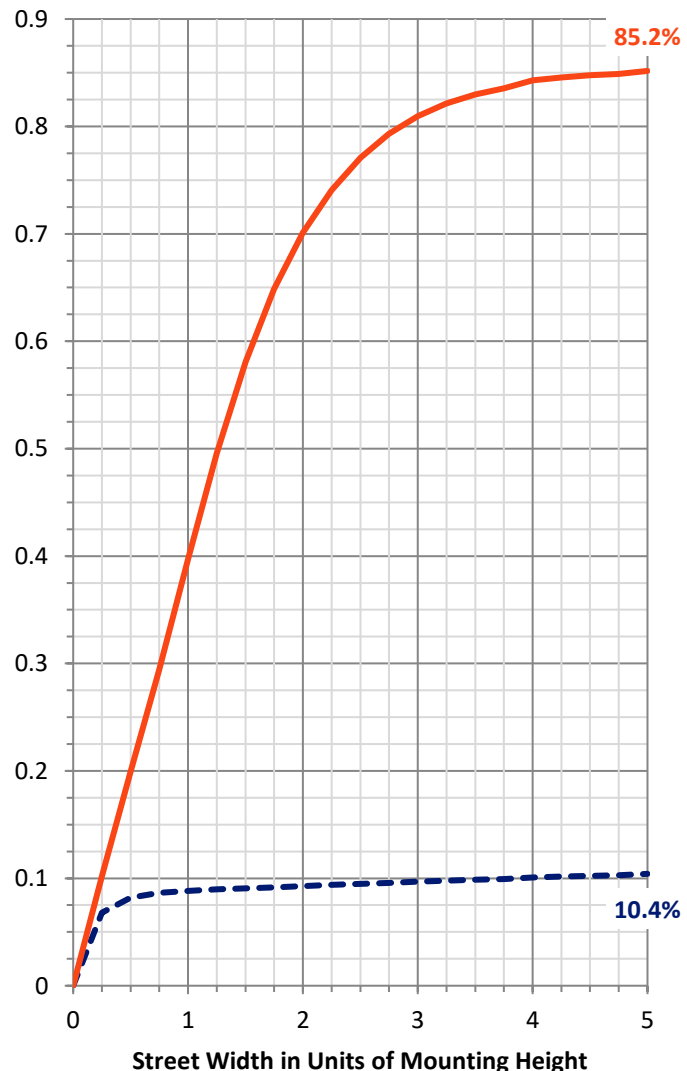
— Vertical Plane Through 70-Deg Lateral - - - Horizontal Cone Through 72.5-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	545.8	76.8	622.6
	% Fixture	11.5	1.6	13.1
Street Side	Lumens	4076.5	62.2	4138.7
	% Fixture	85.6	1.3	86.9
Total	Lumens	4622.2	139.0	4761.2
	% Fixture	97.1	2.9	100.0

Coefficient of Utilization



ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	45.1	0.9
10°-20°	89.2	1.9
20°-30°	144.4	3.0
30°-40°	308.6	6.5
40°-50°	606.7	12.7
50°-60°	1013.1	21.3
60°-70°	1257.4	26.4
70°-80°	968.4	20.3
80°-90°	189.4	4.0
90°-100°	102.7	2.2
100°-110°	21.3	0.4
110°-120°	6.1	0.1
120°-130°	4.7	0.1
130°-140°	2.2	0.0
140°-150°	1.0	0.0
150°-160°	0.9	0.0
160°-170°	0.1	0.0
170°-180°	0.0	0.0
0°-90°	4622.2	97.1
0°-180°	4761.2	100.0

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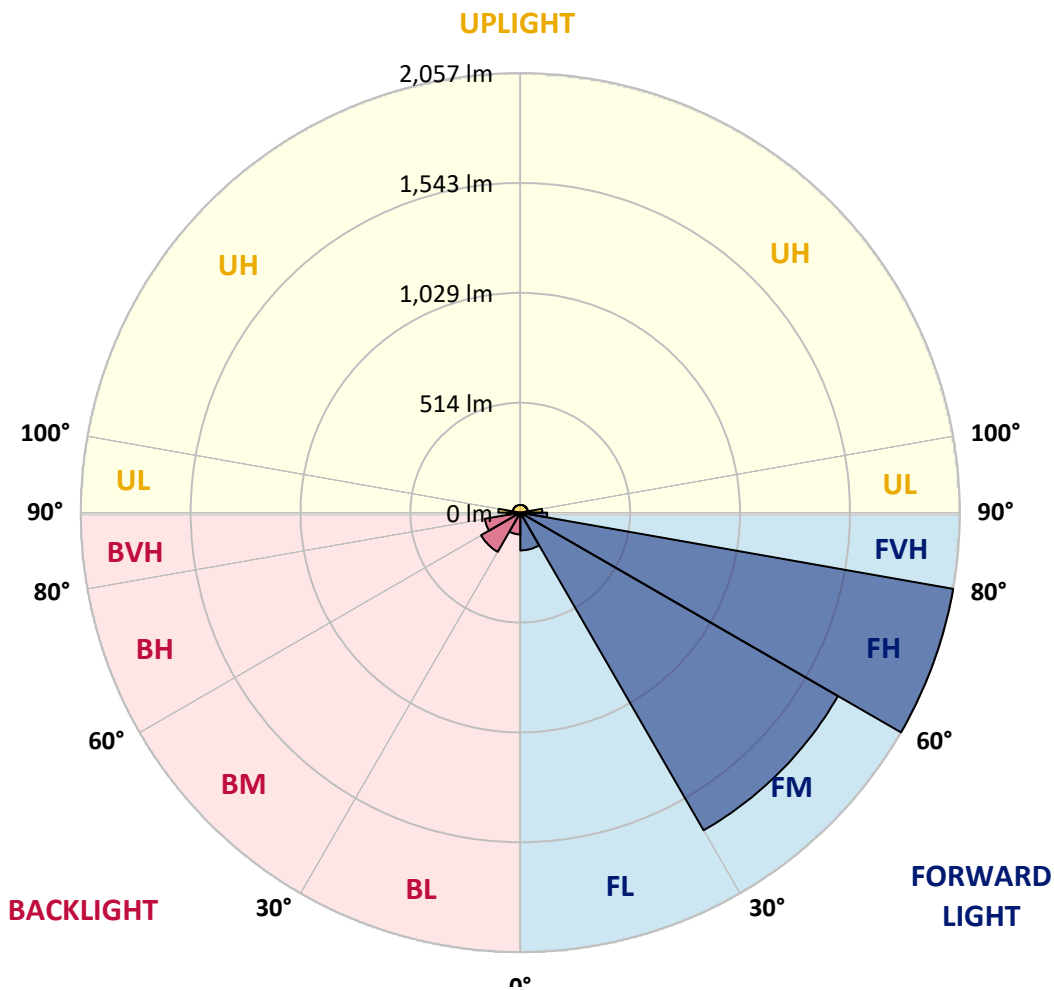
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	176.6	3.7			
FM (30°-60°)	1716.8	36.1			
FH (60°-80°)	2057.1	43.2			G2/5000
FVH (80°-90°)	126.0	2.6			G2/225
BL (0°-30°)	102.1	2.1	B0/110		
BM (30°-60°)	211.6	4.4	B0/220		
BH (60°-80°)	168.7	3.5	B1/500		G1/500
BVH (80°-90°)	63.4	1.3			G1/100
UL (90°-100°)	102.7	2.2		U3/500	
UH (100°-180°)	36.2	0.8		U2/50	

BUG Rating: B1-U3-G2

Type IV Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	70°	75°	85°
0°	584.8	584.8	584.8	584.8	584.8	584.8	584.8	584.8	584.8	584.8	584.8
2.5°	493.1	547.7	550.1	555.1	560.0	567.5	579.9	579.9	579.9	579.9	582.3
5°	468.4	468.4	468.4	473.3	473.3	478.3	480.7	555.1	562.5	570.0	570.0
7.5°	389.1	426.2	428.7	443.6	460.9	468.4	473.3	468.4	460.9	490.7	503.0
10°	426.2	426.2	426.2	431.2	406.4	394.0	364.3	366.8	369.2	391.5	446.0
12.5°	354.4	376.7	399.0	423.7	391.5	351.9	344.4	364.3	369.2	329.6	391.5
15°	413.8	411.4	411.4	389.1	324.6	351.9	307.3	324.6	366.8	401.4	465.9
17.5°	342.0	332.1	386.6	381.6	346.9	277.5	354.4	351.9	389.1	359.3	401.4
20°	406.4	403.9	403.9	312.2	344.4	374.2	369.2	344.4	386.6	431.2	508.0
22.5°	342.0	337.0	346.9	374.2	342.0	386.6	337.0	426.2	406.4	394.0	369.2
25°	431.2	428.7	428.7	342.0	386.6	354.4	426.2	389.1	470.8	513.0	560.0
27.5°	386.6	386.6	369.2	396.5	369.2	446.0	408.9	490.7	532.8	560.0	676.5
30°	535.3	537.7	508.0	394.0	411.4	418.8	483.2	607.1	698.8	765.7	837.6
32.5°	770.7	755.8	631.9	537.7	436.1	517.9	535.3	706.2	750.9	822.7	884.7
35°	1048.2	1040.8	931.7	696.3	525.3	555.1	597.2	768.2	837.6	909.4	946.6
37.5°	1239.0	1231.6	1162.2	887.1	634.4	646.8	651.7	854.9	944.1	1016.0	1033.3
40°	1395.1	1382.8	1340.6	1035.8	780.6	755.8	731.0	973.9	1075.5	1134.9	1142.4
42.5°	1630.6	1610.7	1504.2	1206.8	929.3	902.0	817.8	1078.0	1199.4	1278.7	1283.6
45°	1913.1	1895.7	1747.0	1444.7	1087.9	1080.4	971.4	1211.8	1355.5	1449.7	1422.4
47.5°	2106.3	2059.3	1975.0	1672.7	1333.2	1268.8	1142.4	1348.1	1524.0	1665.3	1588.4
50°	2282.3	2247.6	2175.7	1925.4	1598.3	1511.6	1320.8	1504.2	1702.4	1831.3	1727.2
52.5°	2445.8	2393.8	2334.3	2113.8	1826.3	1784.2	1496.7	1660.3	1908.1	2014.7	1870.9
55°	2527.6	2445.8	2435.9	2284.8	2002.3	1967.6	1695.0	1853.6	2123.7	2198.0	2007.2
57.5°	2393.8	2391.3	2468.1	2388.8	2146.0	2128.6	1895.7	2061.7	2304.6	2339.3	2141.0
60°	2304.6	2307.1	2423.5	2428.5	2272.4	2282.3	2076.6	2302.1	2438.4	2460.7	2267.4
62.5°	2148.5	2165.8	2341.8	2455.8	2304.6	2428.5	2230.2	2468.1	2582.1	2589.6	2423.5
65°	1952.7	1970.1	2148.5	2381.4	2269.9	2525.1	2359.1	2654.0	2713.5	2718.4	2594.5
67.5°	1724.7	1732.2	1930.4	2188.1	2185.6	2559.8	2438.4	2777.9	2839.9	2854.7	2740.7
70°	1472.0	1462.1	1643.0	1940.3	2004.7	2542.5	2535.0	2899.3	2993.5	2991.0	2842.3
72.5°	1102.7	1149.8	1276.2	1583.5	1737.1	2458.2	2616.8	2983.6	3100.0	3060.4	2740.7
75°	376.7	401.4	743.4	1008.6	1338.1	2232.7	2634.2	2988.5	3092.6	2916.7	2242.6
77.5°	123.9	116.5	166.0	401.4	743.4	1546.3	2317.0	2606.9	2579.7	2267.4	1377.8
80°	59.5	62.0	74.3	141.2	272.6	701.3	1454.6	1650.4	1613.2	1189.5	597.2
82.5°	39.6	42.1	49.6	81.8	153.6	240.4	773.2	753.3	570.0	374.2	245.3
85°	17.3	17.3	24.8	42.1	94.2	158.6	294.9	257.7	232.9	215.6	200.7
87.5°	5.0	5.0	9.9	14.9	32.2	99.1	166.0	156.1	161.1	168.5	190.8
90°	5.0	5.0	5.0	5.0	24.8	104.1	168.5	158.6	158.6	168.5	200.7
92.5°	7.4	7.4	5.0	5.0	22.3	104.1	175.9	151.2	161.1	171.0	215.6
95°	7.4	9.9	5.0	2.5	17.3	106.6	180.9	161.1	175.9	173.5	230.5
97.5°	9.9	9.9	5.0	2.5	9.9	91.7	183.4	131.3	133.8	123.9	180.9
100°	12.4	12.4	5.0	5.0	7.4	47.1	136.3	84.3	52.0	39.6	59.5
102.5°	14.9	14.9	5.0	5.0	5.0	17.3	62.0	49.6	27.3	7.4	14.9
105°	14.9	17.3	5.0	5.0	2.5	7.4	27.3	19.8	9.9	7.4	14.9
107.5°	17.3	17.3	5.0	5.0	2.5	5.0	7.4	7.4	5.0	7.4	14.9



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CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	70°	75°	85°
112.5°	12.4	12.4	5.0	7.4	2.5	2.5	2.5	5.0	5.0	7.4	14.9
115°	7.4	5.0	2.5	5.0	2.5	2.5	2.5	5.0	5.0	5.0	12.4
117.5°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	5.0	5.0	7.4	14.9
120°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	5.0	5.0	9.9	17.3
122.5°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	5.0	9.9	19.8
125°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	5.0	7.4	17.3
127.5°	2.5	2.5	2.5	0.0	2.5	2.5	2.5	2.5	5.0	7.4	14.9
130°	2.5	2.5	2.5	0.0	2.5	2.5	2.5	2.5	2.5	5.0	9.9
132.5°	2.5	2.5	2.5	0.0	2.5	2.5	2.5	2.5	2.5	5.0	9.9
135°	2.5	2.5	2.5	0.0	2.5	2.5	2.5	2.5	2.5	2.5	5.0
137.5°	2.5	2.5	0.0	0.0	2.5	2.5	2.5	2.5	2.5	2.5	2.5
140°	0.0	0.0	0.0	0.0	2.5	2.5	2.5	2.5	2.5	2.5	2.5
142.5°	0.0	0.0	0.0	0.0	2.5	2.5	2.5	2.5	2.5	2.5	2.5
145°	0.0	0.0	0.0	0.0	2.5	2.5	2.5	2.5	2.5	2.5	2.5
147.5°	0.0	0.0	0.0	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
150°	5.0	5.0	5.0	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
152.5°	5.0	5.0	5.0	2.5	2.5	2.5	2.5	5.0	5.0	2.5	2.5
155°	2.5	2.5	2.5	0.0	0.0	2.5	2.5	2.5	2.5	5.0	5.0
157.5°	0.0	2.5	2.5	0.0	0.0	2.5	2.5	2.5	2.5	2.5	2.5
160°	0.0	0.0	0.0	0.0	0.0	2.5	2.5	2.5	2.5	2.5	2.5
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°	584.8	584.8	584.8	584.8	584.8	584.8	584.8	584.8	584.8	584.8	584.8
2.5°	582.3	582.3	579.9	584.8	582.3	582.3	550.1	517.9	510.5	513.0	517.9
5°	572.4	572.4	572.4	532.8	488.2	473.3	478.3	478.3	478.3	475.8	480.7
7.5°	505.5	503.0	495.6	451.0	470.8	468.4	465.9	460.9	401.4	386.6	386.6
10°	448.5	448.5	384.1	366.8	366.8	381.6	391.5	376.7	369.2	356.8	354.4
12.5°	394.0	394.0	329.6	366.8	309.8	307.3	299.8	275.1	232.9	203.2	205.7
15°	468.4	468.4	389.1	312.2	260.2	245.3	153.6	143.7	138.8	136.3	133.8
17.5°	399.0	401.4	359.3	309.8	242.8	128.9	109.0	109.0	109.0	104.1	94.2
20°	505.5	505.5	418.8	277.5	183.4	101.6	84.3	74.3	101.6	101.6	101.6
22.5°	366.8	361.8	369.2	282.5	114.0	81.8	69.4	86.7	91.7	76.8	76.8
25°	555.1	547.7	448.5	203.2	94.2	64.4	76.8	66.9	86.7	86.7	86.7
27.5°	683.9	634.4	456.0	185.9	69.4	74.3	62.0	74.3	66.9	64.4	64.4
30°	822.7	800.4	550.1	146.2	66.9	62.0	64.4	59.5	69.4	64.4	64.4
32.5°	867.3	845.0	498.1	114.0	64.4	59.5	54.5	57.0	54.5	57.0	57.0
35°	924.3	902.0	441.1	86.7	59.5	52.0	49.6	49.6	47.1	44.6	44.6
37.5°	1006.1	968.9	376.7	74.3	54.5	47.1	39.6	37.2	39.6	49.6	52.0
40°	1100.3	1038.3	297.4	66.9	47.1	39.6	29.7	34.7	42.1	42.1	42.1
42.5°	1236.5	1122.6	220.5	62.0	42.1	32.2	22.3	27.3	32.2	44.6	44.6
45°	1355.5	1172.1	156.1	57.0	34.7	24.8	17.3	27.3	34.7	39.6	39.6
47.5°	1494.3	1219.2	116.5	54.5	32.2	17.3	19.8	27.3	27.3	42.1	42.1
50°	1610.7	1229.1	94.2	49.6	24.8	12.4	24.8	24.8	29.7	37.2	37.2
52.5°	1719.8	1239.0	84.3	44.6	19.8	9.9	24.8	24.8	34.7	44.6	44.6
55°	1791.6	1209.3	76.8	39.6	17.3	7.4	27.3	27.3	27.3	34.7	34.7
57.5°	1848.6	1172.1	71.9	34.7	14.9	14.9	29.7	34.7	29.7	34.7	34.7
60°	1885.8	1105.2	62.0	32.2	12.4	14.9	37.2	44.6	34.7	52.0	52.0
62.5°	1952.7	1053.2	54.5	29.7	9.9	14.9	37.2	57.0	44.6	69.4	71.9
65°	2007.2	1006.1	47.1	22.3	9.9	19.8	42.1	71.9	54.5	86.7	89.2
67.5°	2029.5	949.1	39.6	19.8	9.9	22.3	54.5	89.2	69.4	101.6	101.6
70°	2012.2	889.6	32.2	19.8	9.9	34.7	71.9	104.1	84.3	123.9	126.4
72.5°	1861.0	758.3	24.8	19.8	7.4	37.2	89.2	123.9	101.6	168.5	173.5
75°	1424.9	480.7	24.8	19.8	9.9	42.1	104.1	143.7	121.4	188.3	195.8
77.5°	869.8	223.0	24.8	22.3	12.4	52.0	114.0	166.0	133.8	203.2	208.2
80°	386.6	138.8	24.8	24.8	24.8	64.4	133.8	183.4	151.2	215.6	223.0
82.5°	193.3	104.1	22.3	24.8	37.2	76.8	158.6	195.8	156.1	223.0	225.5
85°	166.0	94.2	22.3	27.3	39.6	89.2	171.0	198.2	163.6	220.5	223.0
87.5°	158.6	89.2	27.3	27.3	44.6	94.2	175.9	208.2	168.5	213.1	210.6
90°	166.0	86.7	29.7	32.2	57.0	96.6	178.4	203.2	168.5	200.7	200.7
92.5°	171.0	84.3	32.2	37.2	69.4	109.0	175.9	198.2	168.5	185.9	185.9
95°	175.9	84.3	37.2	42.1	69.4	118.9	168.5	180.9	156.1	166.0	163.6
97.5°	133.8	62.0	44.6	47.1	64.4	91.7	136.3	141.2	101.6	99.1	96.6
100°	47.1	27.3	44.6	52.0	39.6	39.6	81.8	99.1	59.5	37.2	42.1
102.5°	14.9	12.4	39.6	52.0	32.2	14.9	42.1	62.0	44.6	5.0	5.0
105°	14.9	14.9	22.3	42.1	22.3	5.0	14.9	34.7	27.3	5.0	5.0
107.5°	14.9	12.4	9.9	24.8	7.4	5.0	7.4	7.4	7.4	2.5	5.0



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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
112.5°	17.3	12.4	5.0	7.4	5.0	5.0	5.0	2.5	5.0	12.4	14.9
115°	14.9	12.4	5.0	5.0	5.0	5.0	2.5	2.5	5.0	14.9	14.9
117.5°	17.3	14.9	5.0	5.0	2.5	5.0	2.5	2.5	5.0	14.9	17.3
120°	19.8	17.3	5.0	5.0	2.5	2.5	2.5	2.5	5.0	12.4	14.9
122.5°	19.8	19.8	5.0	2.5	2.5	2.5	2.5	2.5	7.4	12.4	12.4
125°	17.3	17.3	5.0	2.5	2.5	2.5	2.5	2.5	7.4	12.4	12.4
127.5°	14.9	14.9	5.0	2.5	2.5	2.5	2.5	2.5	5.0	9.9	12.4
130°	12.4	12.4	5.0	2.5	2.5	2.5	0.0	2.5	5.0	9.9	9.9
132.5°	9.9	7.4	5.0	2.5	2.5	2.5	0.0	2.5	5.0	7.4	9.9
135°	7.4	7.4	2.5	2.5	2.5	2.5	0.0	0.0	5.0	5.0	7.4
137.5°	5.0	2.5	2.5	2.5	2.5	0.0	0.0	0.0	2.5	5.0	5.0
140°	2.5	2.5	2.5	2.5	2.5	0.0	0.0	0.0	0.0	2.5	2.5
142.5°	2.5	2.5	2.5	2.5	2.5	0.0	0.0	0.0	0.0	2.5	2.5
145°	2.5	2.5	2.5	2.5	2.5	0.0	0.0	0.0	0.0	2.5	2.5
147.5°	2.5	2.5	2.5	2.5	2.5	0.0	0.0	0.0	0.0	2.5	2.5
150°	2.5	2.5	2.5	2.5	2.5	0.0	0.0	0.0	0.0	2.5	2.5
152.5°	2.5	2.5	2.5	2.5	2.5	0.0	0.0	0.0	2.5	2.5	2.5
155°	5.0	5.0	5.0	2.5	2.5	0.0	0.0	0.0	0.0	2.5	2.5
157.5°	2.5	2.5	2.5	2.5	2.5	0.0	0.0	0.0	0.0	0.0	0.0
160°	2.5	2.5	2.5	2.5	2.5	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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110° | 17.3 17.3 7.4 5.0 2.5 5.0 2.5 5.0 5.0 7.4 17.3

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110°	17.3	12.4	5.0	7.4	5.0	5.0	5.0	5.0	5.0	5.0	9.9	9.9
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