

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: P560015

Luminaire Tested: **SDL-PA1-20-730-U-T3-HSS-A**

Issue Date: 7/26/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P560015  
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-PA1-20-730-U-T3-HSS-A  
Description: Springdale  
(1) 70 CRI, 3000K, 260mA 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: 1750.3 lumens  
Efficiency: N/A  
Efficacy: 83.3 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: B0 - U2 - G1

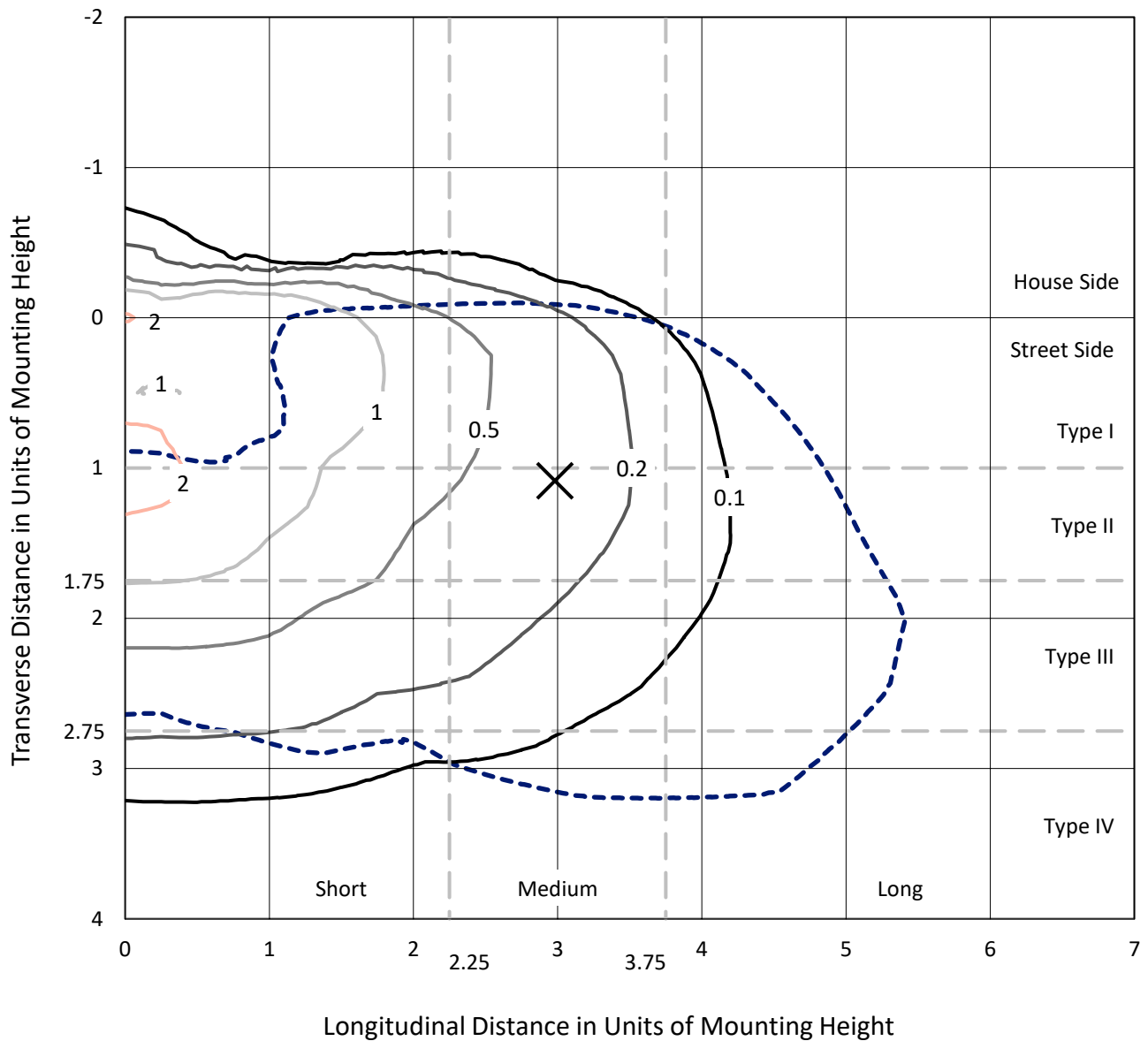
Input Watts (W): 21  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

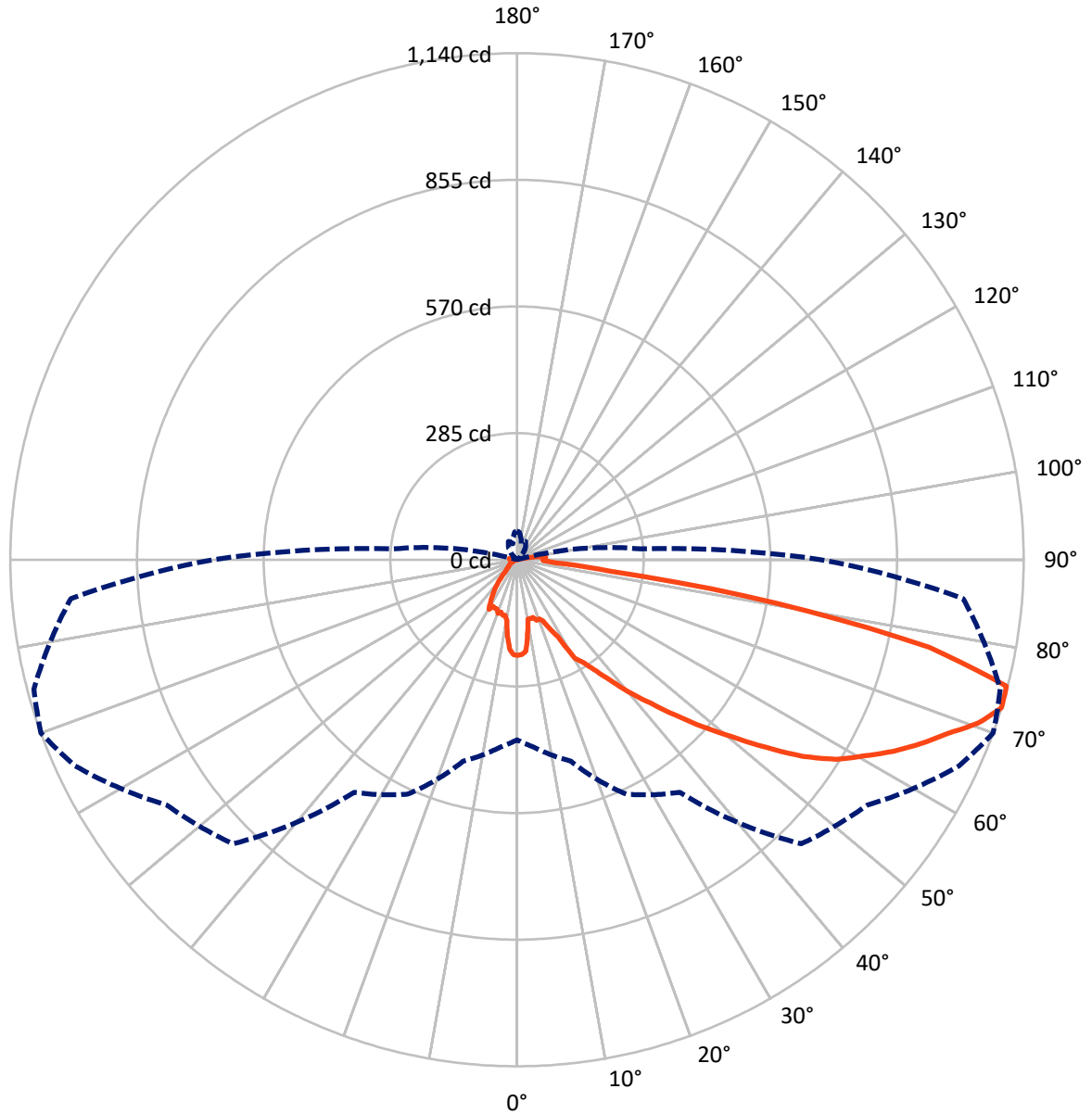
✕ Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 2.5 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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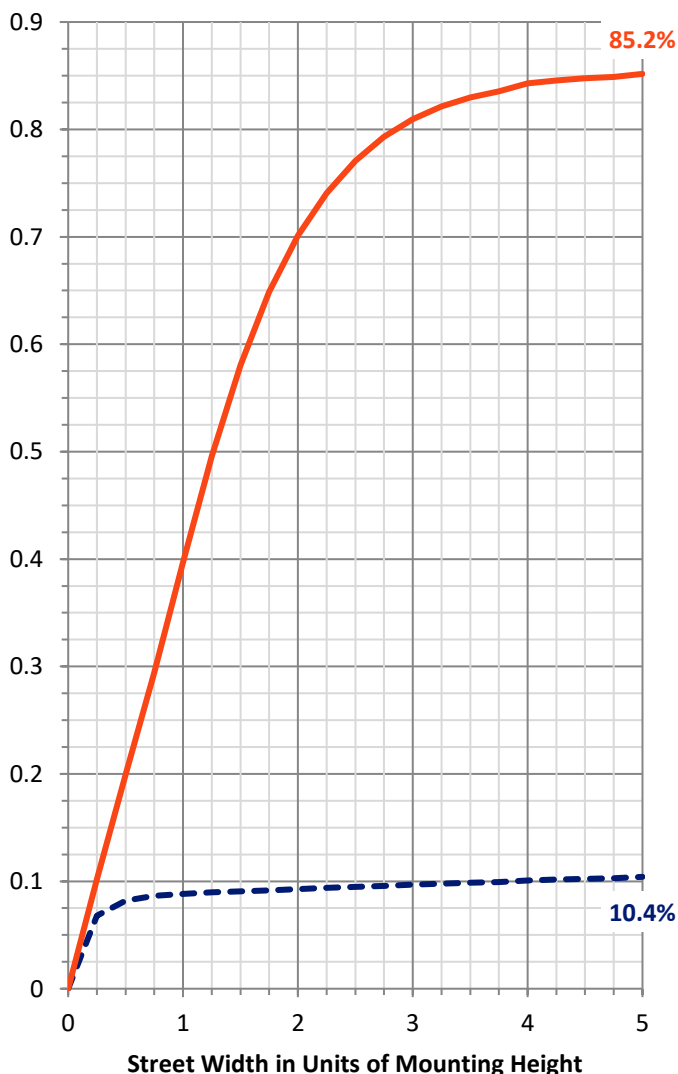
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	200.6	28.2	228.9
	% Fixture	11.5	1.6	13.1
<b>Street Side</b>	Lumens	1498.7	22.8	1521.5
	% Fixture	85.6	1.3	86.9
<b>Total</b>	Lumens	1699.3	51.0	1750.3
	% Fixture	97.1	2.9	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	16.6	0.9
10°-20°	32.8	1.9
20°-30°	53.1	3.0
30°-40°	113.5	6.5
40°-50°	223.0	12.7
50°-60°	372.5	21.3
60°-70°	462.3	26.4
70°-80°	356.0	20.3
80°-90°	69.6	4.0
90°-100°	37.8	2.2
100°-110°	7.8	0.4
110°-120°	2.2	0.1
120°-130°	1.7	0.1
130°-140°	0.8	0.0
140°-150°	0.4	0.0
150°-160°	0.3	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	1699.3	97.1
0°-180°	1750.3	100.0

**Coefficient of Utilization**

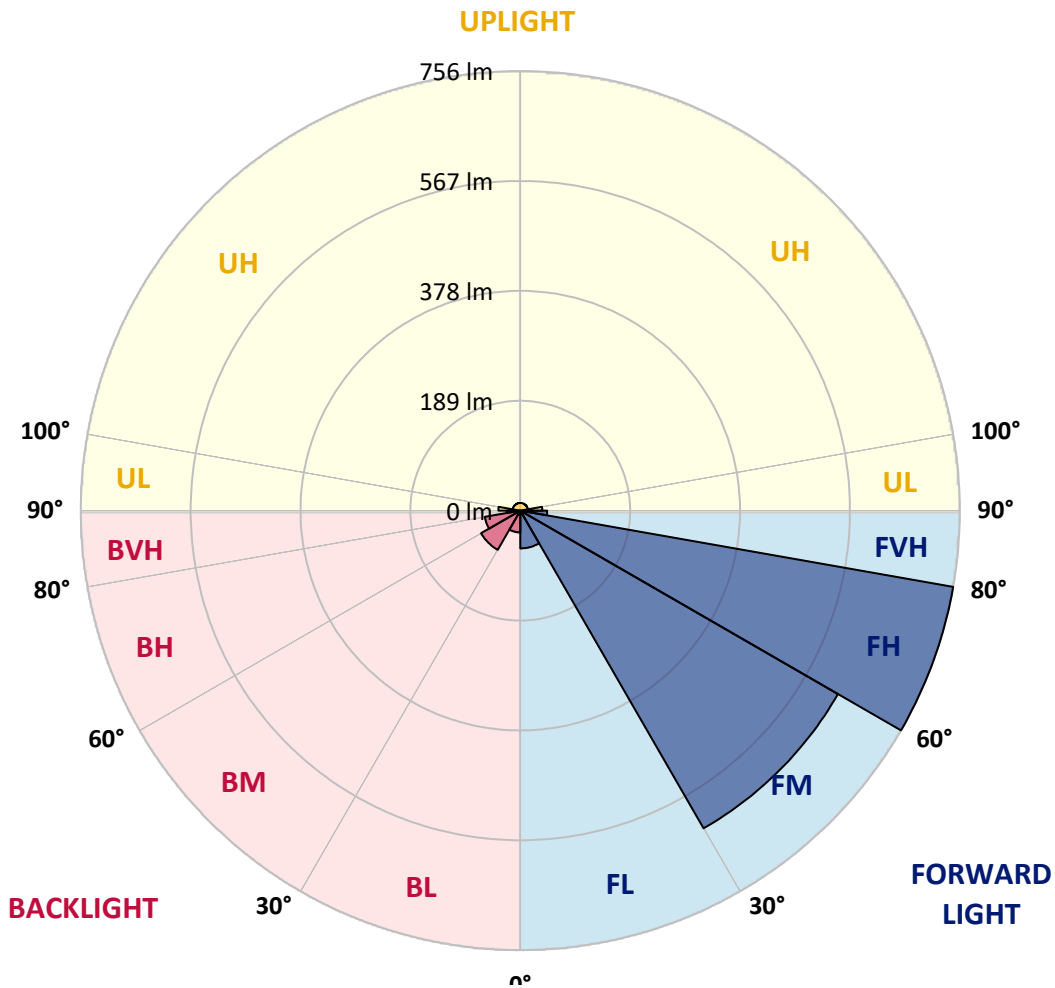


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	64.9	3.7			
FM (30°-60°)	631.2	36.1			
FH (60°-80°)	756.3	43.2			G1/1800
FVH (80°-90°)	46.3	2.6			G1/100
BL (0°-30°)	37.5	2.1	B0/110		
BM (30°-60°)	77.8	4.4	B0/220		
BH (60°-80°)	62.0	3.5	B0/110		G0/110
BVH (80°-90°)	23.3	1.3			G1/100
UL (90°-100°)	37.8	2.2		U2/50	
UH (100°-180°)	13.3	0.8		U2/50	

**BUG Rating: B0-U2-G1**  
 Type IV Medium





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	70°	75°	85°
0°	215.0	215.0	215.0	215.0	215.0	215.0	215.0	215.0	215.0	215.0	215.0
2.5°	181.3	201.3	202.2	204.1	205.9	208.6	213.2	213.2	213.2	213.2	214.1
5°	172.2	172.2	172.2	174.0	174.0	175.8	176.7	204.1	206.8	209.5	209.5
7.5°	143.0	156.7	157.6	163.1	169.5	172.2	174.0	172.2	169.5	180.4	184.9
10°	156.7	156.7	156.7	158.5	149.4	144.9	133.9	134.8	135.7	143.9	164.0
12.5°	130.3	138.5	146.7	155.8	143.9	129.4	126.6	133.9	135.7	121.2	143.9
15°	152.1	151.2	151.2	143.0	119.3	129.4	113.0	119.3	134.8	147.6	171.3
17.5°	125.7	122.1	142.1	140.3	127.5	102.0	130.3	129.4	143.0	132.1	147.6
20°	149.4	148.5	148.5	114.8	126.6	137.6	135.7	126.6	142.1	158.5	186.8
22.5°	125.7	123.9	127.5	137.6	125.7	142.1	123.9	156.7	149.4	144.9	135.7
25°	158.5	157.6	157.6	125.7	142.1	130.3	156.7	143.0	173.1	188.6	205.9
27.5°	142.1	142.1	135.7	145.8	135.7	164.0	150.3	180.4	195.9	205.9	248.7
30°	196.8	197.7	186.8	144.9	151.2	154.0	177.7	223.2	256.9	281.5	307.9
32.5°	283.3	277.9	232.3	197.7	160.3	190.4	196.8	259.6	276.0	302.5	325.2
35°	385.4	382.6	342.5	256.0	193.1	204.1	219.6	282.4	307.9	334.3	348.0
37.5°	455.5	452.8	427.3	326.1	233.2	237.8	239.6	314.3	347.1	373.5	379.9
40°	512.9	508.4	492.9	380.8	287.0	277.9	268.8	358.0	395.4	417.3	420.0
42.5°	599.5	592.2	553.0	443.7	341.6	331.6	300.6	396.3	440.9	470.1	471.9
45°	703.3	696.9	642.3	531.1	399.9	397.2	357.1	445.5	498.3	533.0	522.9
47.5°	774.4	757.1	726.1	614.9	490.1	466.4	420.0	495.6	560.3	612.2	584.0
50°	839.1	826.3	799.9	707.9	587.6	555.7	485.6	553.0	625.9	673.3	635.0
52.5°	899.2	880.1	858.2	777.1	671.4	655.9	550.3	610.4	701.5	740.7	687.8
55°	929.3	899.2	895.5	840.0	736.1	723.4	623.1	681.5	780.8	808.1	737.9
57.5°	880.1	879.1	907.4	878.2	789.0	782.6	696.9	758.0	847.3	860.0	787.1
60°	847.3	848.2	891.0	892.8	835.4	839.1	763.4	846.3	896.5	904.7	833.6
62.5°	789.9	796.2	860.9	902.8	847.3	892.8	819.9	907.4	949.3	952.0	891.0
65°	717.9	724.3	789.9	875.5	834.5	928.3	867.3	975.7	997.6	999.4	953.8
67.5°	634.1	636.8	709.7	804.4	803.5	941.1	896.5	1021.3	1044.0	1049.5	1007.6
70°	541.2	537.5	604.0	713.3	737.0	934.7	932.0	1065.9	1100.5	1099.6	1045.0
72.5°	405.4	422.7	469.2	582.1	638.6	903.7	962.0	1096.9	1139.7	1125.1	1007.6
75°	138.5	147.6	273.3	370.8	492.0	820.8	968.4	1098.7	1137.0	1072.3	824.5
77.5°	45.6	42.8	61.0	147.6	273.3	568.5	851.8	958.4	948.4	833.6	506.5
80°	21.9	22.8	27.3	51.9	100.2	257.8	534.8	606.7	593.1	437.3	219.6
82.5°	14.6	15.5	18.2	30.1	56.5	88.4	284.2	277.0	209.5	137.6	90.2
85°	6.4	6.4	9.1	15.5	34.6	58.3	108.4	94.7	85.6	79.3	73.8
87.5°	1.8	1.8	3.6	5.5	11.8	36.4	61.0	57.4	59.2	62.0	70.1
90°	1.8	1.8	1.8	1.8	9.1	38.3	62.0	58.3	58.3	62.0	73.8
92.5°	2.7	2.7	1.8	1.8	8.2	38.3	64.7	55.6	59.2	62.9	79.3
95°	2.7	3.6	1.8	0.9	6.4	39.2	66.5	59.2	64.7	63.8	84.7
97.5°	3.6	3.6	1.8	0.9	3.6	33.7	67.4	48.3	49.2	45.6	66.5
100°	4.6	4.6	1.8	1.8	2.7	17.3	50.1	31.0	19.1	14.6	21.9
102.5°	5.5	5.5	1.8	1.8	1.8	6.4	22.8	18.2	10.0	2.7	5.5
105°	5.5	6.4	1.8	1.8	0.9	2.7	10.0	7.3	3.6	2.7	5.5
107.5°	6.4	6.4	1.8	1.8	0.9	1.8	2.7	2.7	1.8	2.7	5.5



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	15°	25°	35°	45°	55°	65°	70°	75°	85°
112.5°	4.6	4.6	1.8	2.7	0.9	0.9	0.9	1.8	1.8	2.7	5.5
115°	2.7	1.8	0.9	1.8	0.9	0.9	0.9	1.8	1.8	1.8	4.6
117.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.8	1.8	2.7	5.5
120°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.8	1.8	3.6	6.4
122.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.8	3.6	7.3
125°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.8	2.7	6.4
127.5°	0.9	0.9	0.9	0.0	0.9	0.9	0.9	0.9	1.8	2.7	5.5
130°	0.9	0.9	0.9	0.0	0.9	0.9	0.9	0.9	0.9	1.8	3.6
132.5°	0.9	0.9	0.9	0.0	0.9	0.9	0.9	0.9	0.9	1.8	3.6
135°	0.9	0.9	0.9	0.0	0.9	0.9	0.9	0.9	0.9	0.9	1.8
137.5°	0.9	0.9	0.0	0.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9
140°	0.0	0.0	0.0	0.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9
142.5°	0.0	0.0	0.0	0.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9
145°	0.0	0.0	0.0	0.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9
147.5°	0.0	0.0	0.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
150°	1.8	1.8	1.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
152.5°	1.8	1.8	1.8	0.9	0.9	0.9	0.9	1.8	1.8	0.9	0.9
155°	0.9	0.9	0.9	0.0	0.0	0.9	0.9	0.9	0.9	1.8	1.8
157.5°	0.0	0.9	0.9	0.0	0.0	0.9	0.9	0.9	0.9	0.9	0.9
160°	0.0	0.0	0.0	0.0	0.0	0.9	0.9	0.9	0.9	0.9	0.9
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°	215.0	215.0	215.0	215.0	215.0	215.0	215.0	215.0	215.0	215.0	215.0
2.5°	214.1	214.1	213.2	215.0	214.1	214.1	202.2	190.4	187.7	188.6	190.4
5°	210.4	210.4	210.4	195.9	179.5	174.0	175.8	175.8	175.8	174.9	176.7
7.5°	185.9	184.9	182.2	165.8	173.1	172.2	171.3	169.5	147.6	142.1	142.1
10°	164.9	164.9	141.2	134.8	134.8	140.3	143.9	138.5	135.7	131.2	130.3
12.5°	144.9	144.9	121.2	134.8	113.9	113.0	110.2	101.1	85.6	74.7	75.6
15°	172.2	172.2	143.0	114.8	95.7	90.2	56.5	52.8	51.0	50.1	49.2
17.5°	146.7	147.6	132.1	113.9	89.3	47.4	40.1	40.1	40.1	38.3	34.6
20°	185.9	185.9	154.0	102.0	67.4	37.4	31.0	27.3	37.4	37.4	37.4
22.5°	134.8	133.0	135.7	103.9	41.9	30.1	25.5	31.9	33.7	28.2	28.2
25°	204.1	201.3	164.9	74.7	34.6	23.7	28.2	24.6	31.9	31.9	31.9
27.5°	251.4	233.2	167.6	68.3	25.5	27.3	22.8	27.3	24.6	23.7	23.7
30°	302.5	294.3	202.2	53.8	24.6	22.8	23.7	21.9	25.5	23.7	23.7
32.5°	318.9	310.7	183.1	41.9	23.7	21.9	20.0	21.0	20.0	21.0	21.0
35°	339.8	331.6	162.2	31.9	21.9	19.1	18.2	18.2	17.3	16.4	16.4
37.5°	369.9	356.2	138.5	27.3	20.0	17.3	14.6	13.7	14.6	18.2	19.1
40°	404.5	381.7	109.3	24.6	17.3	14.6	10.9	12.8	15.5	15.5	15.5
42.5°	454.6	412.7	81.1	22.8	15.5	11.8	8.2	10.0	11.8	16.4	16.4
45°	498.3	430.9	57.4	21.0	12.8	9.1	6.4	10.0	12.8	14.6	14.6
47.5°	549.4	448.2	42.8	20.0	11.8	6.4	7.3	10.0	10.0	15.5	15.5
50°	592.2	451.9	34.6	18.2	9.1	4.6	9.1	9.1	10.9	13.7	13.7
52.5°	632.3	455.5	31.0	16.4	7.3	3.6	9.1	9.1	12.8	16.4	16.4
55°	658.7	444.6	28.2	14.6	6.4	2.7	10.0	10.0	10.0	12.8	12.8
57.5°	679.6	430.9	26.4	12.8	5.5	5.5	10.9	12.8	10.9	12.8	12.8
60°	693.3	406.3	22.8	11.8	4.6	5.5	13.7	16.4	12.8	19.1	19.1
62.5°	717.9	387.2	20.0	10.9	3.6	5.5	13.7	21.0	16.4	25.5	26.4
65°	737.9	369.9	17.3	8.2	3.6	7.3	15.5	26.4	20.0	31.9	32.8
67.5°	746.1	348.9	14.6	7.3	3.6	8.2	20.0	32.8	25.5	37.4	37.4
70°	739.8	327.1	11.8	7.3	3.6	12.8	26.4	38.3	31.0	45.6	46.5
72.5°	684.2	278.8	9.1	7.3	2.7	13.7	32.8	45.6	37.4	62.0	63.8
75°	523.8	176.7	9.1	7.3	3.6	15.5	38.3	52.8	44.6	69.2	72.0
77.5°	319.8	82.0	9.1	8.2	4.6	19.1	41.9	61.0	49.2	74.7	76.5
80°	142.1	51.0	9.1	9.1	9.1	23.7	49.2	67.4	55.6	79.3	82.0
82.5°	71.1	38.3	8.2	9.1	13.7	28.2	58.3	72.0	57.4	82.0	82.9
85°	61.0	34.6	8.2	10.0	14.6	32.8	62.9	72.9	60.1	81.1	82.0
87.5°	58.3	32.8	10.0	10.0	16.4	34.6	64.7	76.5	62.0	78.3	77.4
90°	61.0	31.9	10.9	11.8	21.0	35.5	65.6	74.7	62.0	73.8	73.8
92.5°	62.9	31.0	11.8	13.7	25.5	40.1	64.7	72.9	62.0	68.3	68.3
95°	64.7	31.0	13.7	15.5	25.5	43.7	62.0	66.5	57.4	61.0	60.1
97.5°	49.2	22.8	16.4	17.3	23.7	33.7	50.1	51.9	37.4	36.4	35.5
100°	17.3	10.0	16.4	19.1	14.6	14.6	30.1	36.4	21.9	13.7	15.5
102.5°	5.5	4.6	14.6	19.1	11.8	5.5	15.5	22.8	16.4	1.8	1.8
105°	5.5	5.5	8.2	15.5	8.2	1.8	5.5	12.8	10.0	1.8	1.8
107.5°	5.5	4.6	3.6	9.1	2.7	1.8	2.7	2.7	2.7	0.9	1.8



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**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
112.5°	6.4	4.6	1.8	2.7	1.8	1.8	1.8	0.9	1.8	4.6	5.5
115°	5.5	4.6	1.8	1.8	1.8	1.8	0.9	0.9	1.8	5.5	5.5
117.5°	6.4	5.5	1.8	1.8	0.9	1.8	0.9	0.9	1.8	5.5	6.4
120°	7.3	6.4	1.8	1.8	0.9	0.9	0.9	0.9	1.8	4.6	5.5
122.5°	7.3	7.3	1.8	0.9	0.9	0.9	0.9	0.9	2.7	4.6	4.6
125°	6.4	6.4	1.8	0.9	0.9	0.9	0.9	0.9	2.7	4.6	4.6
127.5°	5.5	5.5	1.8	0.9	0.9	0.9	0.9	0.9	1.8	3.6	4.6
130°	4.6	4.6	1.8	0.9	0.9	0.9	0.0	0.9	1.8	3.6	3.6
132.5°	3.6	2.7	1.8	0.9	0.9	0.9	0.0	0.9	1.8	2.7	3.6
135°	2.7	2.7	0.9	0.9	0.9	0.9	0.0	0.0	1.8	1.8	2.7
137.5°	1.8	0.9	0.9	0.9	0.9	0.0	0.0	0.0	0.9	1.8	1.8
140°	0.9	0.9	0.9	0.9	0.9	0.0	0.0	0.0	0.0	0.9	0.9
142.5°	0.9	0.9	0.9	0.9	0.9	0.0	0.0	0.0	0.0	0.9	0.9
145°	0.9	0.9	0.9	0.9	0.9	0.0	0.0	0.0	0.0	0.9	0.9
147.5°	0.9	0.9	0.9	0.9	0.9	0.0	0.0	0.0	0.0	0.9	0.9
150°	0.9	0.9	0.9	0.9	0.9	0.0	0.0	0.0	0.0	0.9	0.9
152.5°	0.9	0.9	0.9	0.9	0.9	0.0	0.0	0.0	0.9	0.9	0.9
155°	1.8	1.8	1.8	0.9	0.9	0.0	0.0	0.0	0.0	0.9	0.9
157.5°	0.9	0.9	0.9	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.9	0.9	0.9	0.9	0.9	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° | 6.4 6.4 2.7 1.8 0.9 1.8 0.9 1.8 1.8 2.7 6.4

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110°	6.4	4.6	1.8	2.7	1.8	1.8	1.8	1.8	1.8	3.6	3.6
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(END OF REPORT)