

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: P691156

Luminaire Tested: **CRTK2-C013-D-U-T3-7050-SR-CARETAKER**

Issue Date: 6/13/2023

Test Information

Test Method: LM-79-08
Report Number: P691156
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-903-13)
Test Lab: INNOVATION CENTER
Issue Date: 6/13/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: CRTK2-C013-D-U-T3-7050-SR-CARETAKER
Description: CARETAKER AREA AND ROADWAY LUMINAIRE
(1) 70 CRI, 5000K LED WITH TYPE III OPTIC AND SR REFRACTOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3055 lumens
Efficiency: N/A
Efficacy: 149.8 lumens/watt
Luminous Opening: Vertical Cylinder (Dia: 0.33' x H: 0.29')
IES Classification: Type III - Short
BUG Rating: B1 - U3 - G1

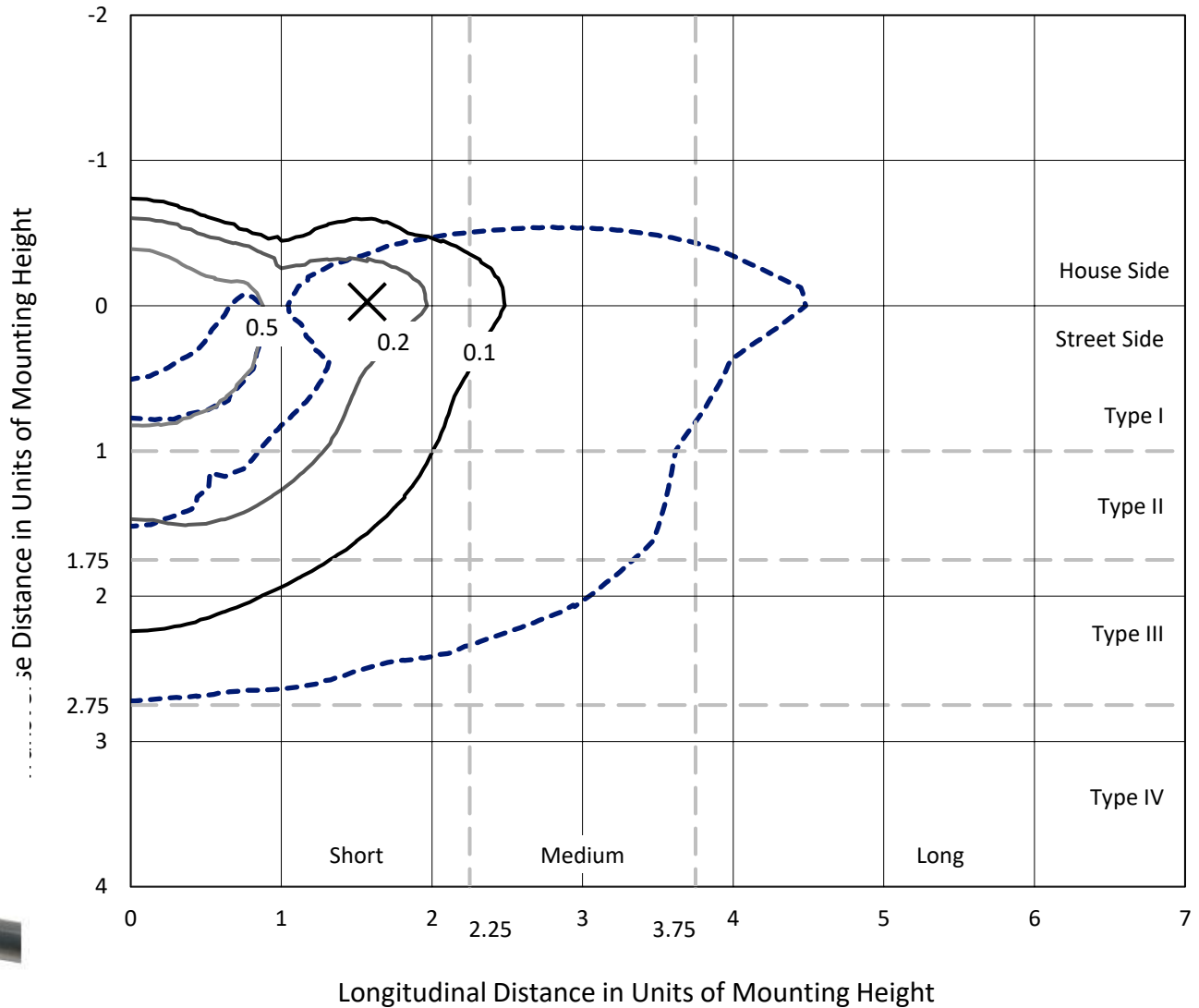
Input Watts (W): 20.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

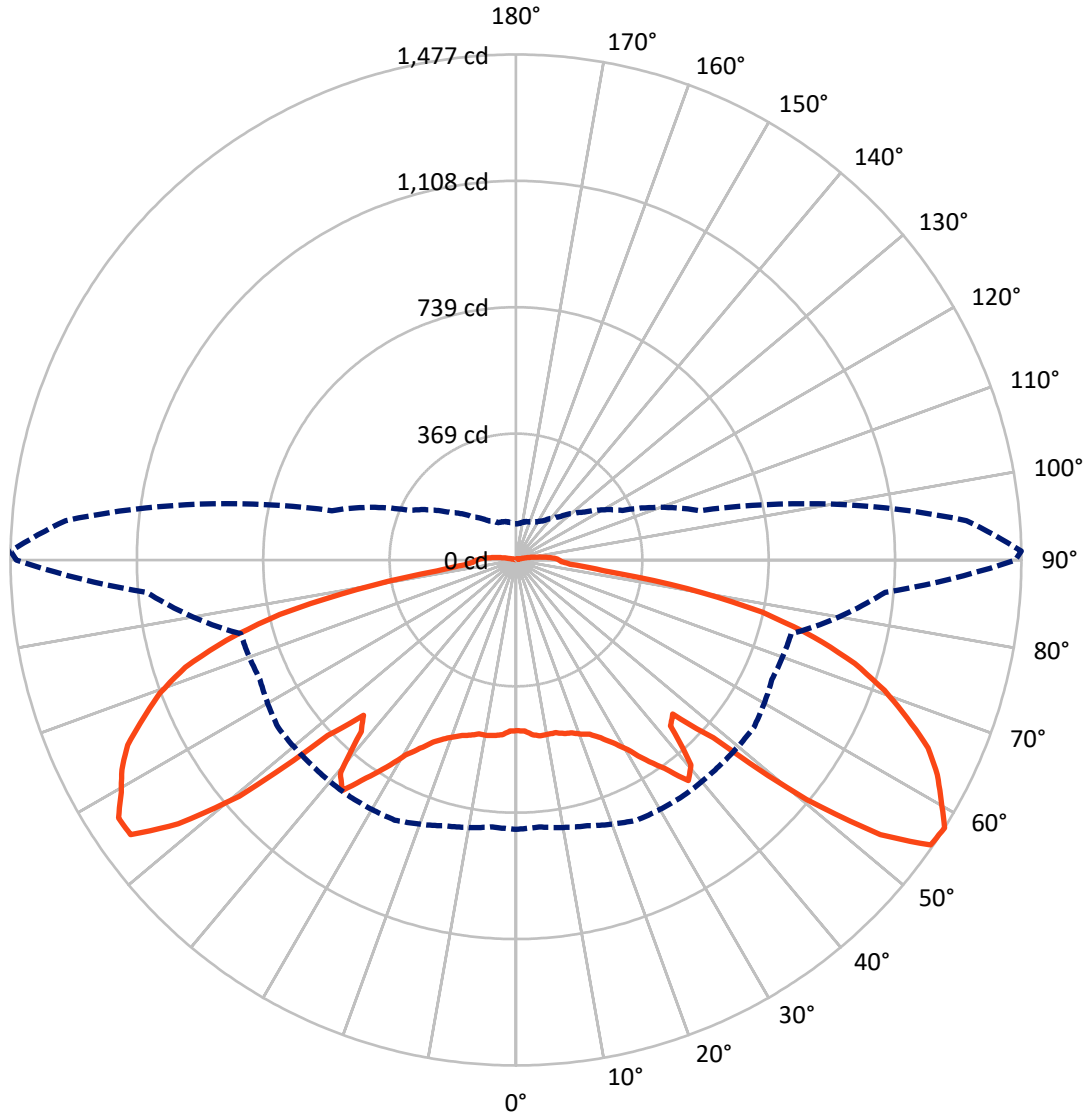
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 0.9 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 91-Deg Lateral - - - Horizontal Cone Through 57.5-Deg Vertical

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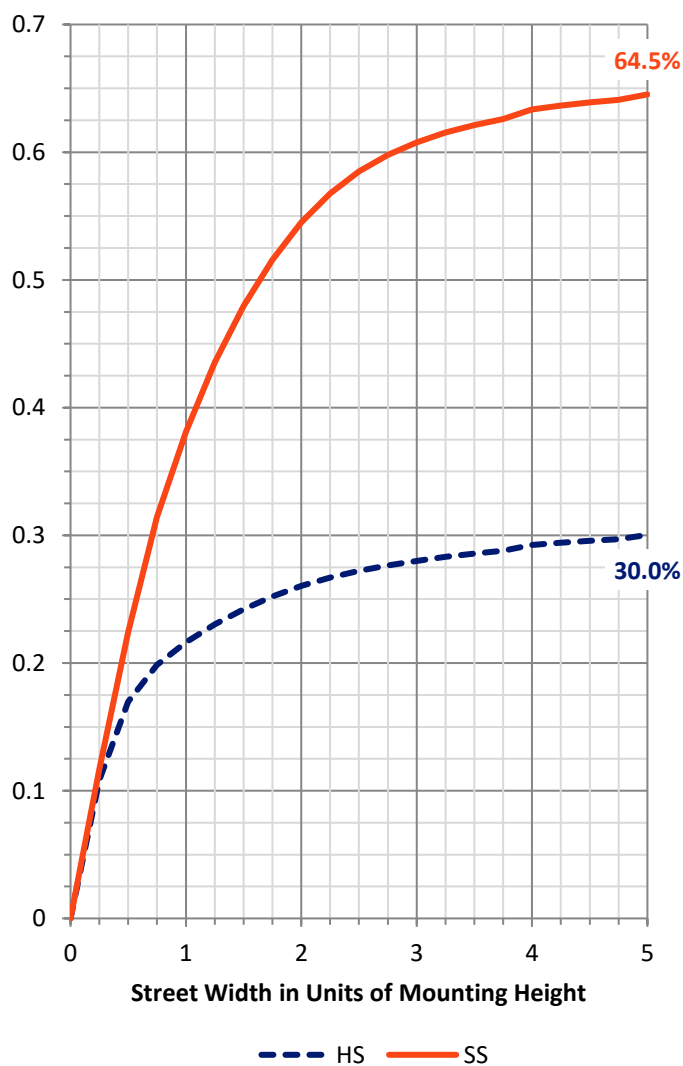
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	969.7	47.1	1016.8
	% Fixture	31.7	1.5	33.3
Street Side	Lumens	1997.8	40.4	2038.1
	% Fixture	65.4	1.3	66.7
Total	Lumens	2967.5	87.5	3055.0
	% Fixture	97.1	2.9	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	48.8	1.6
10°-20°	148.5	4.9
20°-30°	252.4	8.3
30°-40°	355.2	11.6
40°-50°	337.3	11.0
50°-60°	505.3	16.5
60°-70°	653.8	21.4
70°-80°	494.8	16.2
80°-90°	171.4	5.6
90°-100°	64.4	2.1
100°-110°	15.1	0.5
110°-120°	5.2	0.2
120°-130°	2.6	0.1
130°-140°	0.2	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	2967.5	97.1
0°-180°	3055.0	100.0

Coefficient of Utilization



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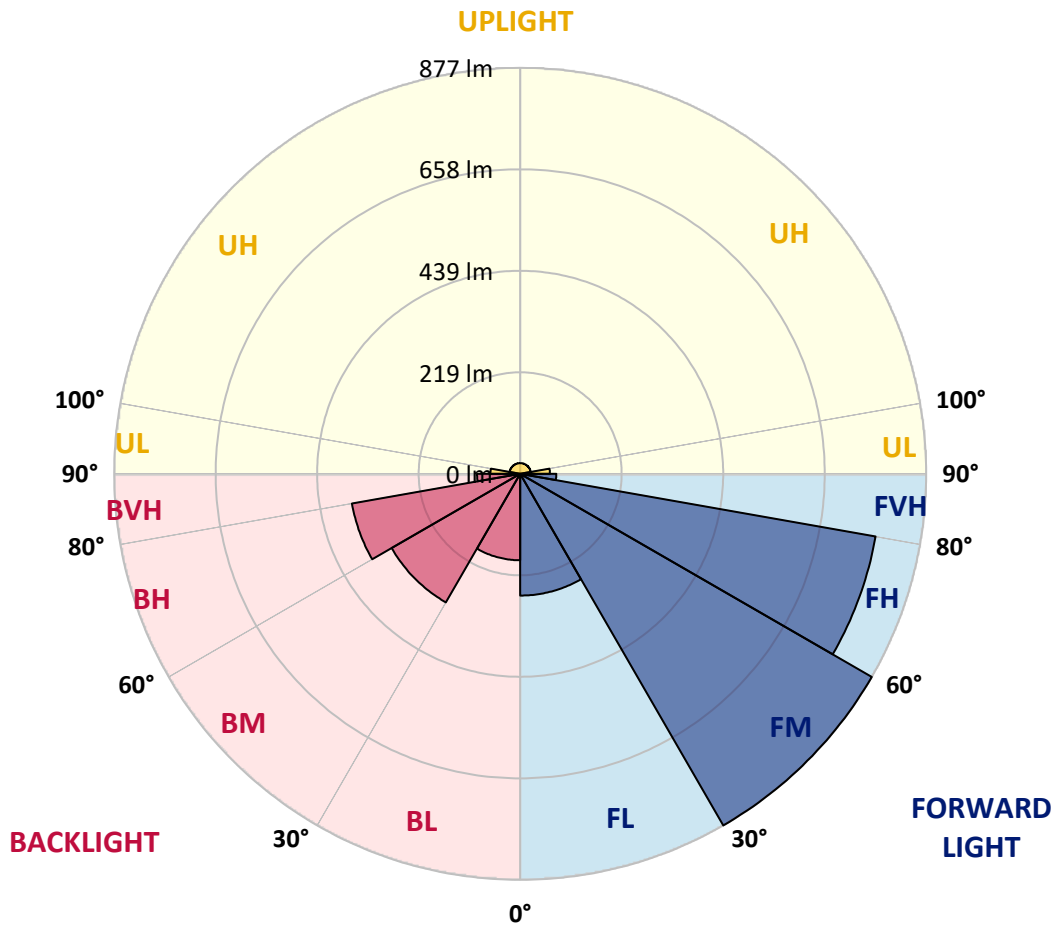
CATALOG NUMBER: CRTK2-C013-D-U-T3-7050-SR-CARETAKER

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	263.0	8.6			
FM (30°-60°)	877.0	28.7			
FH (60°-80°)	779.6	25.5			G1/1800
FVH (80°-90°)	78.1	2.6			G1/100
BL (0°-30°)	186.7	6.1	B1/500		
BM (30°-60°)	320.7	10.5	B1/1000		
BH (60°-80°)	369.1	12.1	B1/500		G1/500
BVH (80°-90°)	93.2	3.1			G1/100
UL (90°-100°)	64.4	2.1		U3/500	
UH (100°-180°)	23.1	0.8		U2/50	

BUG Rating: B1-U3-G1

Type III Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	498.8	498.8	498.8	498.8	498.8	498.8	498.8	498.8	498.8	498.8	498.8
2.5°	489.7	489.7	489.7	490.7	493.7	495.8	496.8	495.8	496.8	498.8	500.8
5°	503.8	502.8	501.8	499.8	498.8	498.8	499.8	499.8	501.8	508.9	513.0
7.5°	517.0	515.0	514.0	514.0	513.0	507.9	506.9	503.8	502.8	511.9	518.0
10°	541.3	539.3	533.2	526.1	524.1	518.0	508.9	506.9	507.9	518.0	520.0
12.5°	563.5	562.5	558.5	551.4	541.3	535.2	522.1	516.0	517.0	523.1	519.0
15°	601.0	596.9	584.8	578.7	568.6	557.5	540.3	533.2	535.2	530.2	528.1
17.5°	623.2	620.2	620.2	609.1	602.0	582.8	566.6	553.4	558.5	545.3	534.2
20°	643.5	643.5	644.5	646.5	633.3	618.2	595.9	579.7	580.7	561.5	545.3
22.5°	674.8	671.8	674.8	677.9	668.8	655.6	628.3	612.1	605.0	580.7	559.5
25°	707.2	705.2	705.2	713.3	716.3	696.1	670.8	653.6	643.5	608.1	579.7
27.5°	739.6	740.6	743.6	746.7	751.7	741.6	716.3	703.2	690.0	640.4	612.1
30°	765.9	763.9	777.0	784.1	789.2	793.2	764.9	750.7	736.5	681.9	648.5
32.5°	795.2	795.2	807.4	820.5	827.6	835.7	812.4	803.3	788.1	731.5	709.2
35°	819.5	819.5	837.7	860.0	873.1	879.2	867.1	866.1	863.0	799.3	766.9
37.5°	737.6	747.7	776.0	820.5	871.1	911.6	914.6	934.8	945.0	876.2	834.7
40°	643.5	646.5	679.9	719.3	766.9	817.5	866.1	925.7	918.7	835.7	799.3
42.5°	579.7	587.8	630.3	660.7	692.0	723.4	723.4	721.4	670.8	686.0	671.8
45°	573.7	575.7	611.1	656.6	668.8	625.3	564.6	531.2	535.2	609.1	642.5
47.5°	636.4	639.4	675.8	719.3	675.8	599.0	539.3	534.2	531.2	661.7	775.0
50°	669.8	671.8	706.2	728.5	660.7	659.7	660.7	642.5	626.3	868.1	1111.9
52.5°	690.0	692.0	690.0	718.3	695.1	748.7	730.5	700.1	688.0	1005.7	1313.2
55°	636.4	649.5	704.2	779.0	781.1	799.3	792.2	764.9	763.9	1057.3	1464.0
57.5°	787.1	783.1	804.3	838.7	844.8	845.8	849.9	825.6	832.7	1083.6	1459.9
60°	891.3	880.2	858.0	874.1	881.2	892.4	906.5	879.2	887.3	1106.8	1396.2
62.5°	989.5	972.3	886.3	883.2	894.4	916.6	936.9	915.6	922.7	1114.9	1351.7
65°	975.3	960.1	895.4	860.0	876.2	906.5	934.8	924.7	922.7	1097.7	1297.1
67.5°	840.8	841.8	834.7	834.7	828.6	872.1	917.6	918.7	908.5	1054.2	1215.1
70°	722.4	718.3	729.5	772.0	778.0	829.6	890.3	900.4	887.3	1005.7	1136.2
72.5°	615.1	612.1	614.1	649.5	700.1	756.8	825.6	849.9	830.6	918.7	1040.1
75°	508.9	505.9	504.9	517.0	557.5	628.3	707.2	750.7	734.5	792.2	899.4
77.5°	386.5	380.4	380.4	384.5	414.8	478.6	554.4	615.1	607.0	638.4	725.4
80°	257.0	258.0	256.0	255.0	275.2	312.6	368.3	441.1	437.1	437.1	481.6
82.5°	162.9	162.9	165.9	155.8	153.8	157.8	171.0	200.3	202.3	221.6	236.7
85°	104.2	105.2	105.2	95.1	92.1	95.1	104.2	113.3	117.4	136.6	153.8
87.5°	75.9	75.9	73.9	71.8	72.8	75.9	83.0	91.1	98.1	113.3	128.5
90°	57.7	57.7	56.7	55.6	57.7	61.7	70.8	79.9	89.0	106.2	120.4
92.5°	47.6	47.6	46.5	46.5	47.6	50.6	58.7	68.8	77.9	92.1	105.2
95°	39.5	40.5	39.5	40.5	41.5	43.5	48.6	56.7	62.7	71.8	80.9
97.5°	31.4	32.4	32.4	32.4	33.4	36.4	39.5	44.5	48.6	52.6	58.7
100°	23.3	24.3	24.3	24.3	25.3	28.3	31.4	33.4	34.4	35.4	38.4
102.5°	17.2	18.2	18.2	18.2	18.2	20.2	21.2	22.3	22.3	22.3	23.3
105°	12.1	12.1	12.1	12.1	12.1	12.1	13.2	13.2	13.2	13.2	13.2
107.5°	9.1	9.1	9.1	9.1	9.1	9.1	10.1	10.1	10.1	10.1	10.1
110°	8.1	8.1	8.1	8.1	8.1	8.1	8.1	9.1	8.1	8.1	9.1



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CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	7.1	7.1	7.1	7.1	7.1	7.1	8.1	8.1	7.1	7.1	7.1
115°	6.1	6.1	6.1	6.1	6.1	6.1	7.1	7.1	6.1	6.1	6.1
117.5°	5.1	5.1	5.1	5.1	5.1	5.1	6.1	6.1	5.1	6.1	6.1
120°	5.1	6.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	6.1
122.5°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	5.1	5.1
125°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
127.5°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	4.0	4.0
130°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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):

	91°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	498.8	498.8	498.8	498.8	498.8	498.8	498.8	498.8	498.8	498.8	498.8
2.5°	500.8	502.8	506.9	510.9	515.0	519.0	521.0	522.1	523.1	521.0	522.1
5°	513.0	515.0	521.0	527.1	526.1	523.1	519.0	519.0	520.0	520.0	522.1
7.5°	519.0	522.1	520.0	521.0	523.1	520.0	516.0	510.9	504.9	504.9	505.9
10°	518.0	515.0	518.0	515.0	507.9	506.9	504.9	497.8	493.7	494.7	494.7
12.5°	518.0	517.0	510.9	507.9	501.8	490.7	485.6	487.7	482.6	483.6	481.6
15°	526.1	519.0	510.9	500.8	487.7	481.6	474.5	463.4	462.4	462.4	462.4
17.5°	531.2	526.1	507.9	487.7	478.6	463.4	455.3	452.2	444.2	447.2	449.2
20°	543.3	531.2	504.9	483.6	452.2	443.1	430.0	427.0	422.9	410.8	406.7
22.5°	553.4	542.3	501.8	464.4	438.1	416.8	396.6	382.4	375.4	370.3	366.3
25°	575.7	558.5	504.9	455.3	414.8	387.5	369.3	344.0	326.8	324.8	326.8
27.5°	605.0	577.7	511.9	443.1	396.6	354.1	317.7	300.5	282.3	276.2	277.2
30°	642.5	606.0	510.9	432.0	364.2	315.7	269.1	239.8	225.6	219.5	218.5
32.5°	696.1	645.5	534.2	417.8	334.9	262.0	211.5	175.0	167.9	166.9	165.9
35°	748.7	709.2	545.3	396.6	292.4	210.4	159.9	137.6	136.6	135.6	134.6
37.5°	818.5	772.0	576.7	383.4	251.9	158.8	128.5	112.3	109.3	104.2	106.2
40°	787.1	748.7	585.8	363.2	195.3	117.4	96.1	83.0	80.9	82.0	80.9
42.5°	662.7	634.4	510.9	312.6	134.6	86.0	71.8	73.9	77.9	80.9	80.9
45°	642.5	586.8	368.3	221.6	87.0	71.8	69.8	72.8	79.9	87.0	88.0
47.5°	776.0	705.2	322.7	171.0	100.2	82.0	74.9	74.9	78.9	79.9	78.9
50°	1099.8	992.5	377.4	196.3	124.4	99.2	86.0	80.9	83.0	85.0	84.0
52.5°	1333.5	1198.9	430.0	234.7	155.8	118.4	101.2	89.0	87.0	87.0	86.0
55°	1470.1	1317.3	491.7	289.4	195.3	142.7	117.4	103.2	98.1	94.1	94.1
57.5°	1477.1	1321.3	556.5	343.0	243.8	178.1	139.6	120.4	116.4	107.2	105.2
60°	1427.6	1304.1	606.0	396.6	290.4	227.6	178.1	149.7	144.7	139.6	136.6
62.5°	1382.0	1275.8	630.3	441.1	339.9	283.3	226.6	187.2	171.0	177.1	181.1
65°	1323.4	1244.4	614.1	445.2	362.2	316.7	262.0	204.4	177.1	190.2	197.3
67.5°	1233.3	1162.5	573.7	408.7	337.9	296.4	245.9	192.2	171.0	176.0	176.0
70°	1142.3	1066.4	534.2	380.4	304.5	261.0	213.5	172.0	169.0	165.9	165.9
72.5°	1035.0	945.0	482.6	363.2	291.4	253.9	207.4	173.0	181.1	185.1	185.1
75°	899.4	799.3	428.0	348.0	285.3	259.0	208.4	186.2	200.3	202.3	202.3
77.5°	736.5	627.3	364.2	320.7	268.1	248.9	194.3	183.1	197.3	200.3	201.3
80°	506.9	444.2	305.5	279.2	239.8	223.6	179.1	178.1	192.2	199.3	200.3
82.5°	257.0	252.9	222.6	219.5	204.4	195.3	165.9	173.0	188.2	198.3	199.3
85°	158.8	164.9	148.7	146.7	151.8	155.8	150.7	164.9	176.0	187.2	189.2
87.5°	132.5	139.6	124.4	118.4	120.4	127.5	133.5	148.7	158.8	167.9	169.0
90°	124.4	130.5	106.2	101.2	105.2	110.3	114.3	122.4	130.5	135.6	135.6
92.5°	109.3	111.3	88.0	84.0	90.0	93.1	92.1	94.1	94.1	84.0	84.0
95°	84.0	84.0	66.8	66.8	71.8	72.8	65.8	59.7	55.6	33.4	28.3
97.5°	60.7	59.7	48.6	48.6	52.6	51.6	43.5	36.4	30.4	19.2	20.2
100°	40.5	39.5	32.4	34.4	36.4	32.4	27.3	22.3	18.2	12.1	14.2
102.5°	24.3	23.3	21.2	22.3	21.2	20.2	16.2	13.2	11.1	7.1	8.1
105°	14.2	13.2	13.2	13.2	13.2	12.1	11.1	8.1	6.1	4.0	4.0
107.5°	10.1	10.1	10.1	9.1	9.1	8.1	7.1	6.1	4.0	3.0	2.0
110°	9.1	8.1	8.1	8.1	7.1	7.1	6.1	5.1	3.0	2.0	2.0



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CANDELA DISTRIBUTION (continued):

	91°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
112.5°	7.1	7.1	7.1	6.1	6.1	5.1	4.0	4.0	3.0	1.0	1.0
115°	6.1	6.1	5.1	5.1	4.0	4.0	3.0	3.0	2.0	1.0	1.0
117.5°	6.1	6.1	4.0	4.0	3.0	3.0	3.0	2.0	1.0	1.0	1.0
120°	6.1	5.1	4.0	3.0	3.0	3.0	2.0	2.0	1.0	0.0	1.0
122.5°	5.1	5.1	3.0	3.0	2.0	2.0	2.0	1.0	1.0	0.0	0.0
125°	4.0	4.0	3.0	2.0	2.0	2.0	2.0	1.0	1.0	0.0	0.0
127.5°	4.0	4.0	3.0	2.0	2.0	2.0	2.0	1.0	1.0	0.0	0.0
130°	3.0	3.0	2.0	2.0	2.0	2.0	1.0	1.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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)