

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: P853362

Luminaire Tested: **CRTK-N-30-750-U-T2R-CNR**

Issue Date: 7/11/2024

Test Information

Test Method: LM-79-08
Report Number: P853362
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-111-3)
Test Lab: INNOVATION CENTER
Issue Date: 7/11/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: CRTK-N-30-750-U-T2R-CNR
Description:
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

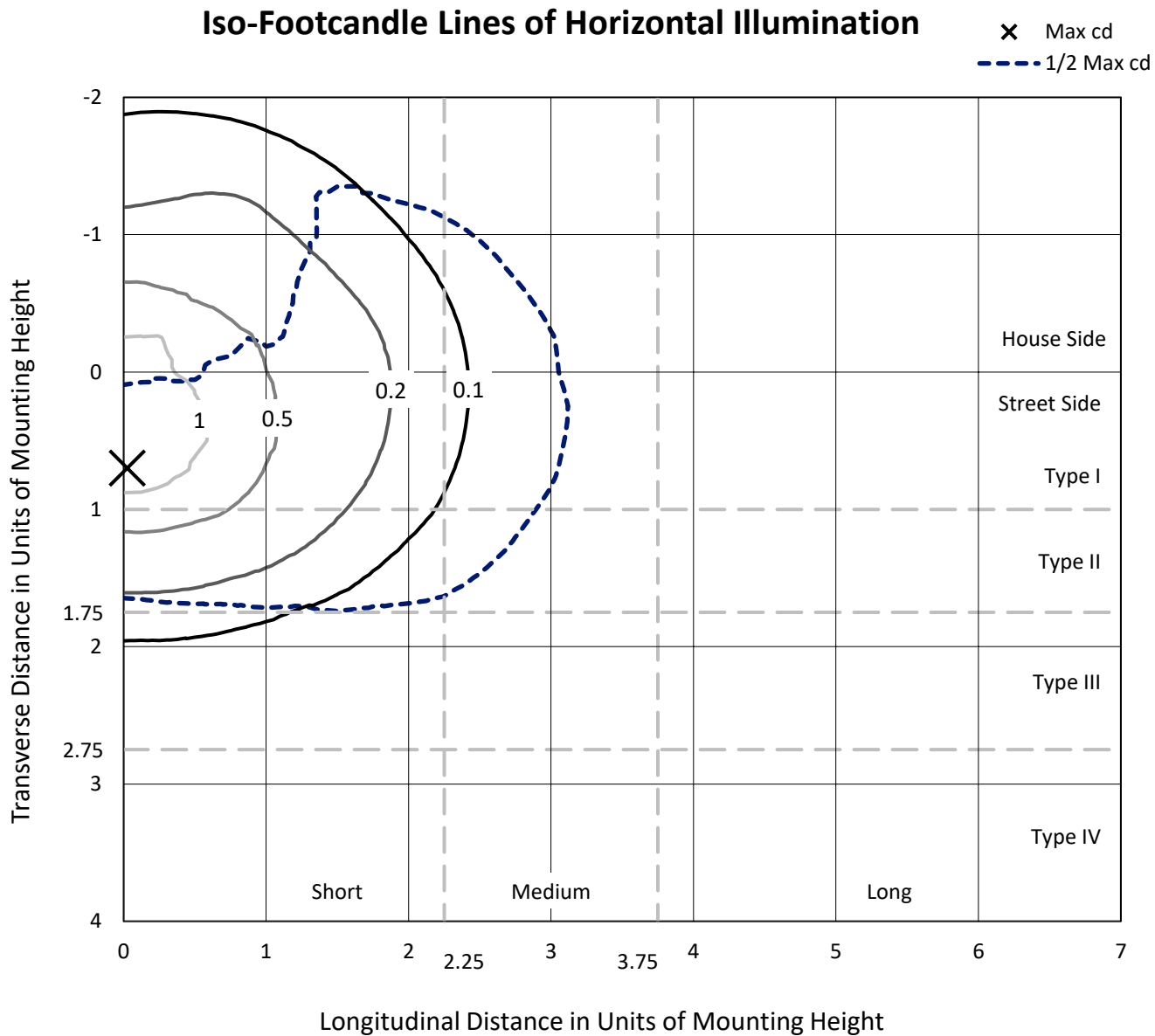
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4559 lumens
Efficiency: N/A
Efficacy: 141.1 lumens/watt
Luminous Opening: Vertical Cylinder (Dia: 0.5' x H: 0.25')
IES Classification: Type II - Short
BUG Rating: B2 - U3 - G2

Input Watts (W): 32.3
Input Voltage (V): 120.0
Input Current (A_{in}): 0.271
Voltage Rise (V): NR
Power Factor: 0.993
Total Harmonic Distortion (THDi): 10.1%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



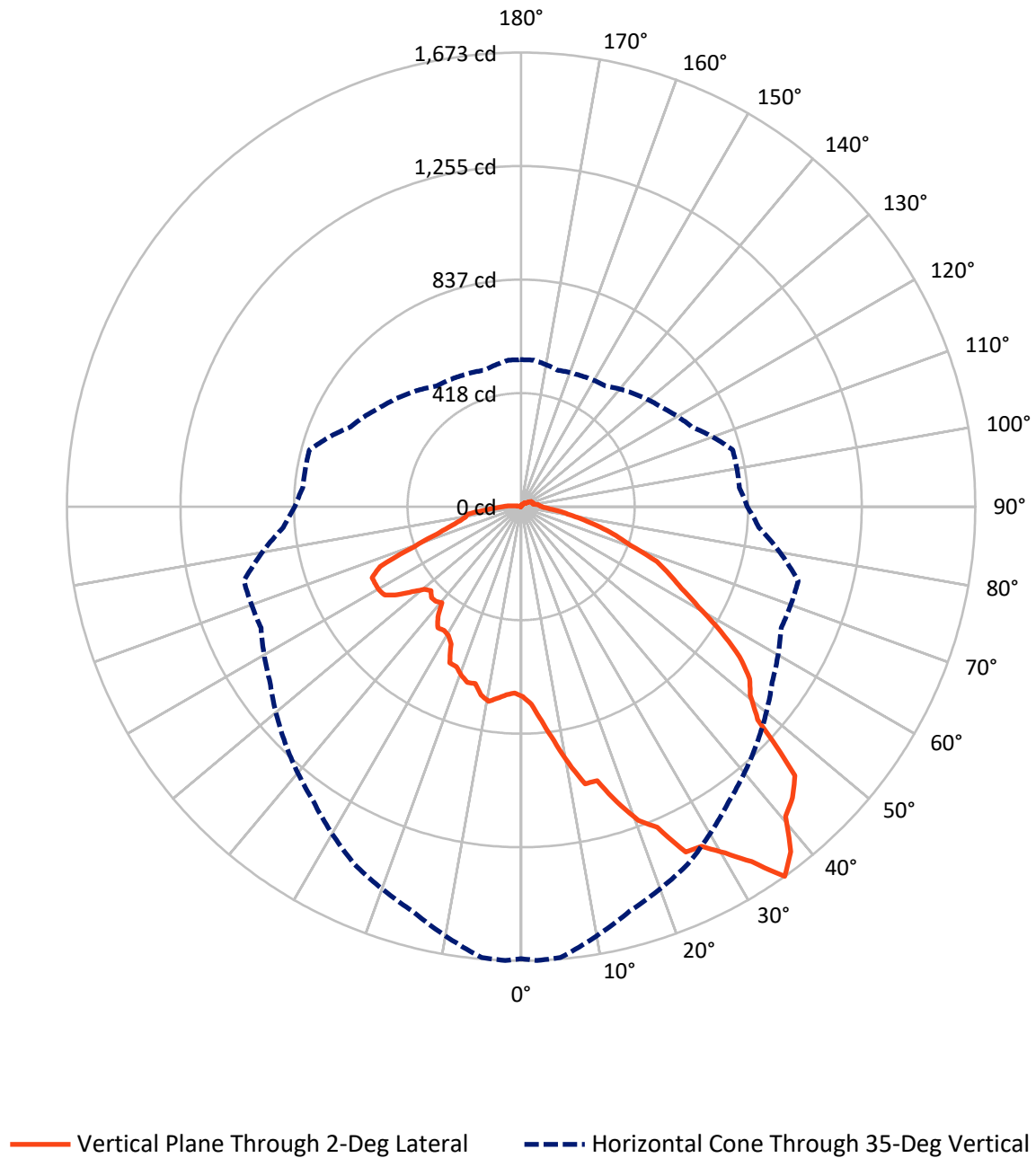
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Based on 25 foot mounting height. Maximum calculated value = 1.6 fc
Type II - Short - N/A

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Luminous Intensity Polar Plot



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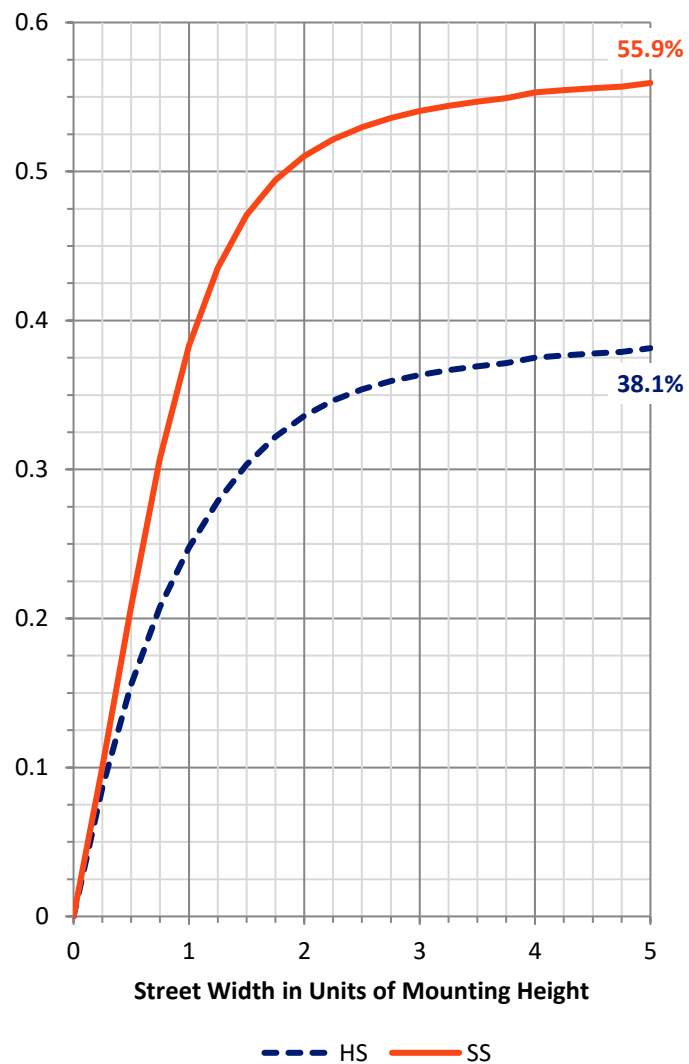
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1781.8	72.6	1854.4
	% Fixture	39.1	1.6	40.7
Street Side	Lumens	2585.7	118.9	2704.5
	% Fixture	56.7	2.6	59.3
Total	Lumens	4367.5	191.5	4559.0
	% Fixture	95.8	4.2	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	71.9	1.6
10°-20°	240.8	5.3
20°-30°	413.2	9.1
30°-40°	593.8	13.0
40°-50°	722.5	15.8
50°-60°	847.8	18.6
60°-70°	841.3	18.5
70°-80°	467.8	10.3
80°-90°	168.3	3.7
90°-100°	61.2	1.3
100°-110°	52.6	1.2
110°-120°	43.6	1.0
120°-130°	17.8	0.4
130°-140°	8.9	0.2
140°-150°	4.7	0.1
150°-160°	2.2	0.0
160°-170°	0.5	0.0
170°-180°	0.0	0.0
0°-90°	4367.5	95.8
0°-180°	4559.0	100.0

Coefficient of Utilization



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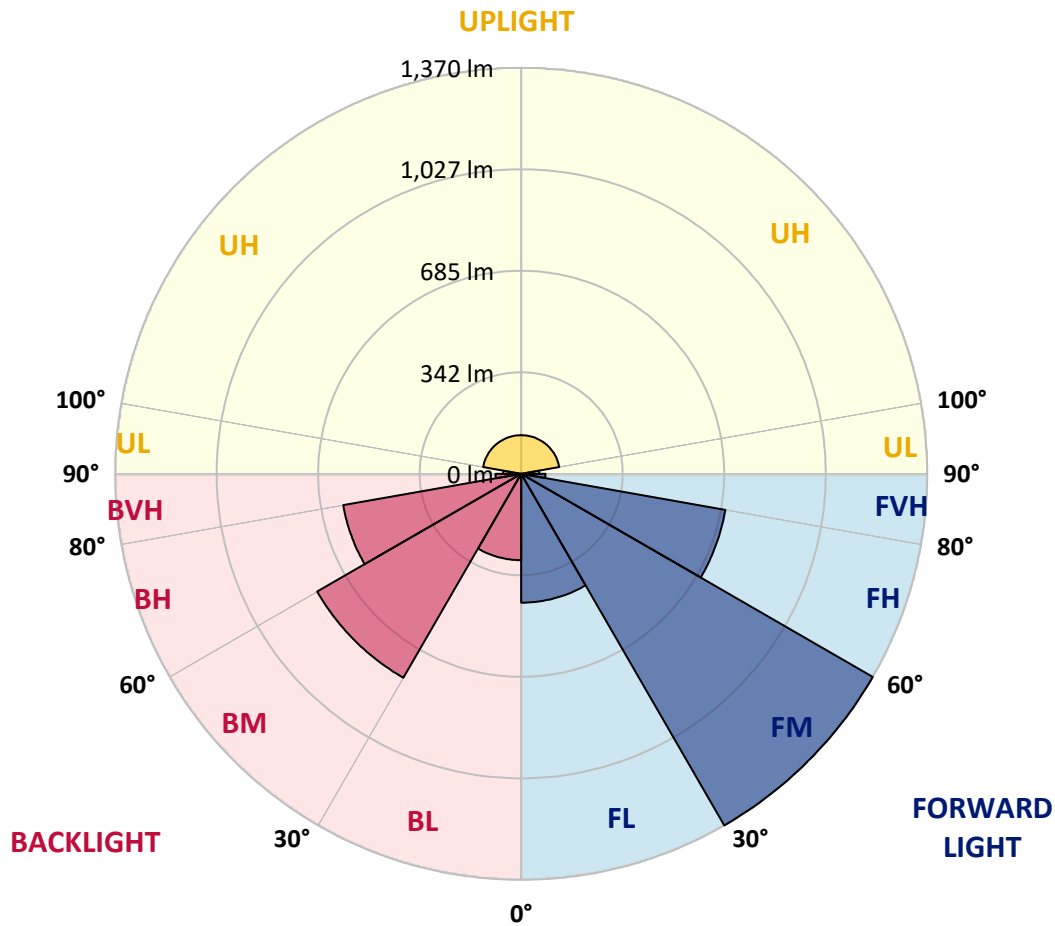
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	434.6	9.5			
FM	(30°-60°)	1369.5	30.0			
FH	(60°-80°)	699.5	15.3			G1/1800
FVH	(80°-90°)	82.0	1.8			G1/100
BL	(0°-30°)	291.3	6.4	B1/500		
BM	(30°-60°)	794.6	17.4	B1/1000		
BH	(60°-80°)	609.6	13.4	B2/1000		G2/1000
BVH	(80°-90°)	86.4	1.9			G1/100
UL	(90°-100°)	61.2	1.3		U3/500	
UH	(100°-180°)	130.3	2.9		U3/500	

BUG Rating: B2-U3-G2

Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	2°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	699.9	699.9	699.9	699.9	699.9	699.9	699.9	699.9	699.9	699.9	699.9
2.5°	727.4	728.7	728.7	734.0	730.0	730.0	722.2	716.9	716.9	710.4	699.9
5°	790.2	792.8	791.5	795.4	786.3	781.1	764.0	751.0	741.8	728.7	713.0
7.5°	868.7	871.3	870.0	870.0	856.9	845.2	817.7	794.1	775.8	754.9	730.0
10°	953.7	961.6	960.3	957.7	935.4	913.2	876.6	841.2	812.5	782.4	749.7
12.5°	1047.9	1047.9	1047.9	1028.3	990.4	955.1	914.5	879.2	851.7	816.4	774.5
15°	1042.7	1047.9	1054.5	1084.6	1062.3	1023.1	964.2	909.3	863.5	819.0	798.1
17.5°	1133.0	1144.8	1142.1	1140.8	1143.5	1125.1	1051.9	978.6	919.7	858.2	766.7
20°	1229.8	1233.7	1233.7	1236.3	1204.9	1202.3	1142.1	1054.5	982.5	864.8	777.1
22.5°	1274.3	1283.4	1276.9	1275.6	1222.0	1174.9	1156.5	1063.6	953.7	819.0	720.9
25°	1402.5	1410.3	1394.6	1329.2	1245.5	1168.3	1122.5	1131.7	918.4	817.7	749.7
27.5°	1413.0	1416.9	1423.4	1437.8	1369.8	1282.1	1170.9	972.1	943.3	893.6	821.6
30°	1475.8	1481.0	1465.3	1508.5	1513.7	1364.6	1148.7	972.1	979.9	927.6	894.9
32.5°	1549.0	1559.5	1562.1	1572.6	1475.8	1389.4	1130.4	1034.9	1015.2	986.5	902.7
35°	1665.5	1673.3	1668.1	1543.8	1453.5	1330.5	1229.8	1129.1	1057.1	1057.1	879.2
37.5°	1619.7	1613.1	1624.9	1566.0	1491.5	1284.7	1266.4	1248.1	1156.5	972.1	962.9
40°	1496.7	1500.6	1498.0	1581.7	1428.7	1347.5	1313.5	1258.6	1138.2	1044.0	1029.6
42.5°	1461.4	1466.6	1481.0	1411.7	1377.6	1424.7	1318.8	1169.6	1143.5	1131.7	1028.3
45°	1444.4	1414.3	1386.8	1292.6	1267.7	1269.0	1263.8	1261.2	1214.1	1118.6	943.3
47.5°	1170.9	1173.5	1189.2	1254.7	1236.3	1274.3	1249.4	1214.1	1167.0	956.4	898.8
50°	1092.4	1093.7	1114.7	1147.4	1202.3	1300.4	1286.1	1204.9	1126.4	1068.9	1004.8
52.5°	1057.1	1054.5	1063.6	1084.6	1138.2	1242.9	1237.6	1206.3	1181.4	1151.3	1066.3
55°	987.8	977.3	995.6	1027.0	1074.1	1178.8	1231.1	1229.8	1225.9	1191.9	1116.0
57.5°	870.0	867.4	881.8	925.0	995.6	1089.8	1180.1	1210.2	1222.0	1223.3	1164.4
60°	757.5	751.0	769.3	821.6	881.8	1016.5	1113.4	1165.7	1208.9	1227.2	1210.2
62.5°	669.8	663.3	677.7	719.6	787.6	906.7	1047.9	1144.8	1215.4	1232.4	1215.4
65°	599.2	599.2	601.8	641.1	697.3	775.8	964.2	1074.1	1173.5	1207.6	1198.4
67.5°	531.2	539.0	537.7	577.0	616.2	701.2	815.1	944.6	1099.0	1148.7	1144.8
70°	430.4	429.1	442.2	498.5	557.3	618.8	715.6	842.5	955.1	993.0	1003.5
72.5°	368.9	365.0	374.2	405.6	461.8	533.8	588.7	658.1	720.9	796.8	800.7
75°	304.8	302.2	310.1	334.9	367.6	408.2	434.4	486.7	541.6	595.3	591.4
77.5°	239.4	236.8	242.0	260.4	283.9	316.6	346.7	385.9	397.7	418.7	429.1
80°	184.5	181.9	188.4	215.9	230.3	244.7	251.2	266.9	272.1	298.3	325.8
82.5°	150.5	147.8	155.7	159.6	160.9	172.7	184.5	193.6	204.1	219.8	221.1
85°	106.0	106.0	109.9	113.8	117.7	126.9	137.4	145.2	154.4	163.5	170.1
87.5°	85.0	85.0	86.3	87.7	94.2	100.7	108.6	117.7	125.6	129.5	132.1
90°	73.3	74.6	74.6	75.9	77.2	79.8	83.7	90.3	94.2	96.8	98.1
92.5°	68.0	68.0	68.0	68.0	66.7	65.4	65.4	66.7	69.3	70.6	69.3
95°	65.4	65.4	65.4	62.8	64.1	62.8	58.9	56.3	53.6	53.6	52.3
97.5°	58.9	58.9	58.9	56.3	54.9	54.9	53.6	51.0	48.4	47.1	44.5
100°	48.4	48.4	48.4	48.4	51.0	52.3	51.0	51.0	49.7	47.1	45.8
102.5°	44.5	44.5	44.5	45.8	49.7	54.9	57.6	57.6	54.9	53.6	52.3
105°	45.8	45.8	45.8	53.6	64.1	64.1	57.6	57.6	60.2	65.4	65.4
107.5°	44.5	44.5	45.8	56.3	77.2	91.6	91.6	79.8	81.1	75.9	72.0
110°	44.5	44.5	44.5	48.4	53.6	62.8	83.7	100.7	116.4	116.4	112.5

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CANDELA DISTRIBUTION (continued):

	0°	2°	5°	15°	25°	35°	45°	55°	65°	75°	85°
112.5°	41.9	41.9	43.2	44.5	47.1	52.3	58.9	73.3	85.0	95.5	98.1
115°	41.9	41.9	41.9	43.2	45.8	49.7	54.9	62.8	69.3	74.6	70.6
117.5°	40.6	40.6	41.9	40.6	41.9	45.8	49.7	52.3	53.6	51.0	44.5
120°	34.0	34.0	34.0	35.3	36.6	37.9	39.2	40.6	37.9	36.6	34.0
122.5°	30.1	30.1	30.1	30.1	30.1	30.1	32.7	32.7	34.0	32.7	32.7
125°	23.5	23.5	24.9	23.5	24.9	24.9	26.2	27.5	27.5	27.5	27.5
127.5°	20.9	20.9	20.9	20.9	20.9	20.9	22.2	23.5	23.5	22.2	22.2
130°	18.3	18.3	18.3	18.3	18.3	18.3	18.3	19.6	19.6	19.6	18.3
132.5°	19.6	18.3	19.6	18.3	18.3	18.3	17.0	18.3	18.3	18.3	17.0
135°	18.3	18.3	17.0	17.0	17.0	17.0	15.7	15.7	17.0	15.7	14.4
137.5°	14.4	15.7	15.7	14.4	14.4	14.4	14.4	14.4	13.1	13.1	13.1
140°	13.1	13.1	13.1	13.1	13.1	11.8	13.1	11.8	11.8	11.8	11.8
142.5°	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	10.5	10.5	10.5
145°	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	9.2
147.5°	10.5	10.5	10.5	10.5	10.5	10.5	9.2	9.2	9.2	9.2	9.2
150°	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	7.8
152.5°	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
155°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
157.5°	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
160°	2.6	2.6	2.6	2.6	3.9	3.9	3.9	3.9	3.9	3.9	3.9
162.5°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
165°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
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°	699.9	699.9	699.9	699.9	699.9	699.9	699.9	699.9	699.9	699.9	699.9
2.5°	697.3	696.0	698.6	698.6	694.7	690.8	688.2	685.5	685.5	686.9	686.9
5°	709.1	706.5	703.9	705.2	701.2	697.3	696.0	693.4	693.4	694.7	696.0
7.5°	723.5	719.6	718.3	716.9	714.3	711.7	710.4	709.1	709.1	710.4	711.7
10°	740.5	735.3	731.3	732.6	726.1	720.9	718.3	715.6	720.9	724.8	728.7
12.5°	762.7	757.5	744.4	737.9	716.9	707.8	702.6	702.6	706.5	707.8	710.4
15°	783.7	766.7	734.0	736.6	731.3	724.8	719.6	709.1	690.8	671.2	675.1
17.5°	740.5	745.7	758.8	758.8	754.9	747.0	732.6	703.9	681.6	675.1	677.7
20°	756.2	747.0	758.8	781.1	773.2	762.7	722.2	686.9	664.6	659.4	659.4
22.5°	698.6	686.9	702.6	745.7	752.3	703.9	642.4	630.6	637.1	635.8	635.8
25°	722.2	706.5	689.5	698.6	739.2	650.2	624.1	605.7	605.7	626.7	637.1
27.5°	787.6	766.7	735.3	679.0	618.8	641.1	634.5	616.2	604.4	578.3	561.3
30°	855.6	828.2	728.7	682.9	592.7	608.4	616.2	620.1	574.3	545.6	544.3
32.5°	877.9	822.9	769.3	671.2	612.3	583.5	599.2	558.6	552.1	537.7	536.4
35°	833.4	807.2	807.2	694.7	635.8	588.7	542.9	531.2	520.7	541.6	541.6
37.5°	919.7	873.9	732.6	727.4	663.3	578.3	529.9	536.4	515.5	506.3	511.5
40°	1006.1	917.1	777.1	711.7	648.9	594.0	549.5	519.4	510.2	461.8	456.6
42.5°	935.4	918.4	830.8	689.5	634.5	621.4	584.8	536.4	473.6	467.1	471.0
45°	892.3	851.7	808.5	734.0	671.2	648.9	582.2	528.6	486.7	472.3	469.7
47.5°	868.7	816.4	745.7	727.4	673.8	652.8	652.8	550.8	491.9	456.6	452.7
50°	969.4	926.3	832.1	749.7	710.4	690.8	723.5	588.7	514.2	473.6	465.8
52.5°	1027.0	979.9	896.2	808.5	741.8	718.3	760.1	628.0	548.2	514.2	505.0
55°	1075.4	1032.2	934.1	853.0	781.1	751.0	762.7	665.9	588.7	558.6	560.0
57.5°	1136.9	1091.1	972.1	881.8	807.2	777.1	760.1	698.6	620.1	599.2	597.9
60°	1202.3	1148.7	1025.7	905.3	825.5	794.1	786.3	732.6	639.8	612.3	603.1
62.5°	1193.2	1160.5	1072.8	948.5	858.2	815.1	782.4	716.9	656.8	620.1	599.2
65°	1170.9	1144.8	1058.4	928.9	837.3	785.0	710.4	667.2	641.1	605.7	609.7
67.5°	1127.8	1093.7	995.6	870.0	757.5	669.8	609.7	556.0	560.0	560.0	567.8
70°	961.6	952.4	841.2	754.9	672.5	592.7	520.7	480.1	454.0	422.6	418.7
72.5°	765.4	757.5	664.6	582.2	544.3	507.6	464.4	392.5	349.3	325.8	324.5
75°	566.5	560.0	516.8	463.1	429.1	397.7	362.4	315.3	281.3	269.5	266.9
77.5°	412.1	396.4	382.0	370.2	363.7	333.6	289.1	255.1	238.1	231.6	230.3
80°	314.0	299.6	285.2	272.1	276.1	263.0	239.4	222.4	211.9	206.7	206.7
82.5°	215.9	213.3	210.6	205.4	210.6	197.6	185.8	175.3	188.4	198.9	200.2
85°	170.1	168.8	170.1	160.9	160.9	146.5	142.6	133.4	130.8	130.8	129.5
87.5°	132.1	133.4	136.1	126.9	124.3	115.1	109.9	106.0	102.0	98.1	99.4
90°	98.1	99.4	99.4	92.9	90.3	83.7	79.8	77.2	73.3	69.3	69.3
92.5°	69.3	69.3	69.3	65.4	64.1	60.2	57.6	56.3	56.3	56.3	56.3
95°	52.3	52.3	51.0	48.4	47.1	45.8	47.1	45.8	44.5	39.2	40.6
97.5°	43.2	41.9	41.9	40.6	39.2	37.9	35.3	31.4	27.5	22.2	23.5
100°	44.5	43.2	41.9	41.9	39.2	31.4	26.2	22.2	18.3	14.4	14.4
102.5°	52.3	51.0	47.1	44.5	40.6	32.7	24.9	19.6	15.7	9.2	9.2
105°	62.8	60.2	52.3	48.4	41.9	32.7	26.2	20.9	14.4	6.5	5.2
107.5°	69.3	62.8	57.6	54.9	54.9	48.4	39.2	23.5	11.8	5.2	2.6
110°	109.9	103.4	90.3	82.4	73.3	56.3	32.7	18.3	7.8	3.9	2.6

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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
112.5°	96.8	92.9	79.8	64.1	48.4	34.0	19.6	13.1	7.8	2.6	2.6
115°	65.4	60.2	47.1	39.2	30.1	22.2	15.7	11.8	7.8	3.9	1.3
117.5°	40.6	37.9	32.7	27.5	24.9	19.6	14.4	10.5	5.2	1.3	0.0
120°	32.7	31.4	27.5	24.9	19.6	17.0	11.8	9.2	3.9	0.0	0.0
122.5°	30.1	28.8	24.9	20.9	18.3	14.4	10.5	6.5	2.6	1.3	0.0
125°	26.2	26.2	23.5	19.6	17.0	14.4	9.2	5.2	1.3	1.3	1.3
127.5°	20.9	20.9	18.3	17.0	13.1	10.5	7.8	5.2	1.3	1.3	1.3
130°	18.3	17.0	15.7	13.1	10.5	7.8	6.5	3.9	1.3	1.3	1.3
132.5°	17.0	15.7	13.1	11.8	9.2	6.5	5.2	3.9	1.3	1.3	1.3
135°	14.4	13.1	11.8	10.5	7.8	6.5	5.2	2.6	1.3	1.3	1.3
137.5°	11.8	11.8	10.5	9.2	6.5	6.5	5.2	2.6	1.3	1.3	1.3
140°	10.5	10.5	9.2	7.8	6.5	5.2	3.9	2.6	1.3	1.3	1.3
142.5°	9.2	9.2	7.8	6.5	5.2	3.9	2.6	1.3	1.3	1.3	1.3
145°	9.2	9.2	7.8	6.5	5.2	3.9	2.6	1.3	1.3	1.3	1.3
147.5°	7.8	7.8	7.8	6.5	3.9	3.9	2.6	1.3	1.3	1.3	1.3
150°	7.8	7.8	6.5	5.2	3.9	2.6	2.6	1.3	1.3	1.3	1.3
152.5°	6.5	6.5	6.5	5.2	3.9	2.6	1.3	1.3	1.3	1.3	1.3
155°	6.5	5.2	5.2	3.9	2.6	2.6	1.3	1.3	1.3	1.3	1.3
157.5°	5.2	5.2	3.9	3.9	2.6	2.6	1.3	1.3	1.3	1.3	1.3
160°	3.9	3.9	3.9	2.6	2.6	1.3	1.3	1.3	1.3	1.3	1.3
162.5°	2.6	2.6	2.6	2.6	2.6	1.3	1.3	1.3	1.3	1.3	1.3
165°	2.6	2.6	2.6	2.6	1.3	1.3	1.3	1.3	1.3	1.3	1.3
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)