

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: P691256

Luminaire Tested: **CRTK2-C015-5TLD-U-T3-8027-SR-CARETAKER**

Issue Date: 6/13/2023

Test Information

Test Method: LM-79-08
Report Number: P691256
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-C015-5TLD-U-T3-8027-SR-CARETAKER
Description: CARETAKER AREA AND ROADWAY LUMINAIRE
(1) 70 CRI, 2700K LED WITH TYPE III OPTIC AND SR REFRACTOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4321 lumens
Efficiency: N/A
Efficacy: 132.1 lumens/watt
Luminous Opening: Vertical Cylinder (Dia: 0.33' x H: 0.29')
IES Classification: Type III - Short
BUG Rating: B2 - U3 - G2

Input Watts (W): 32.7
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



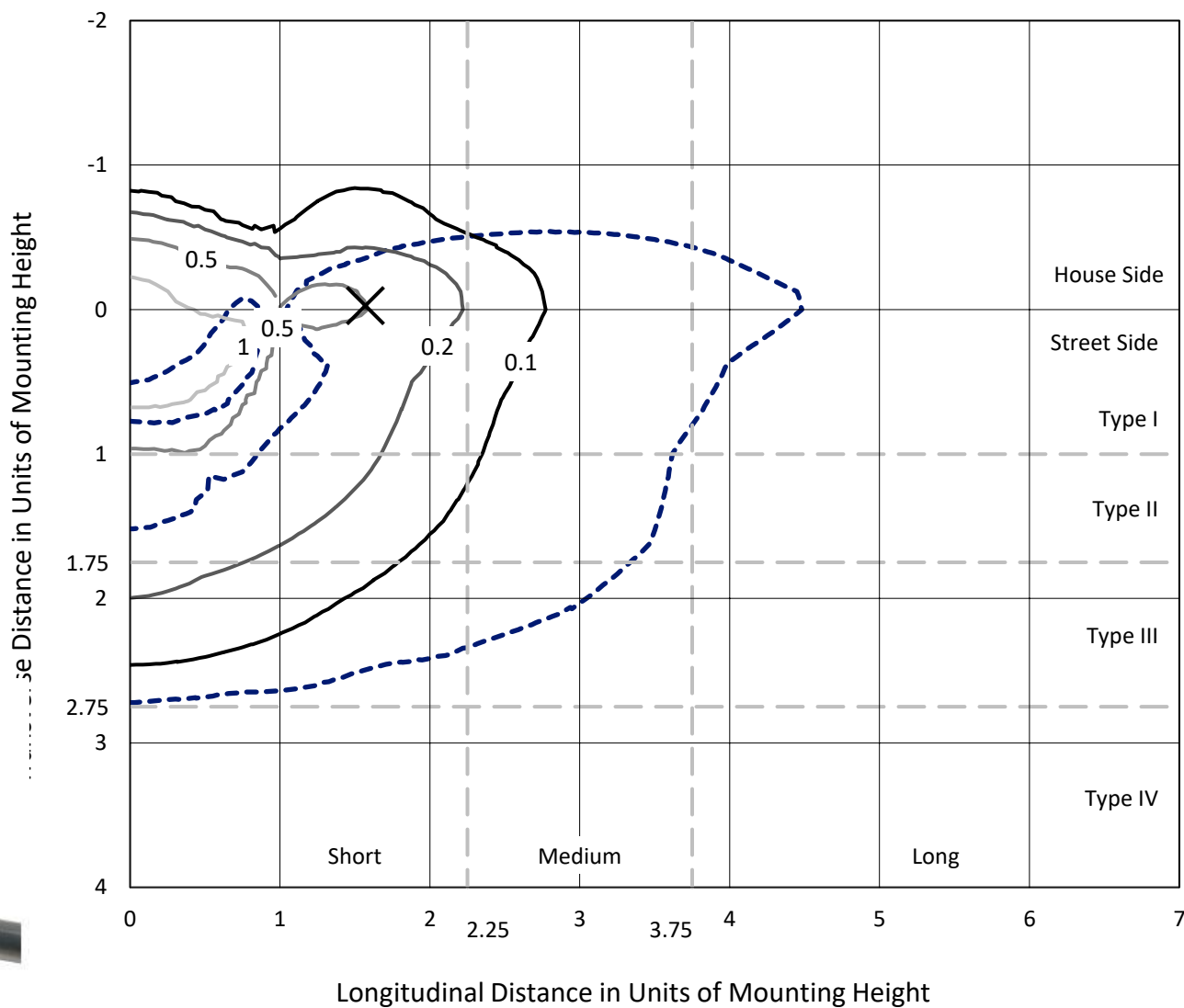
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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd

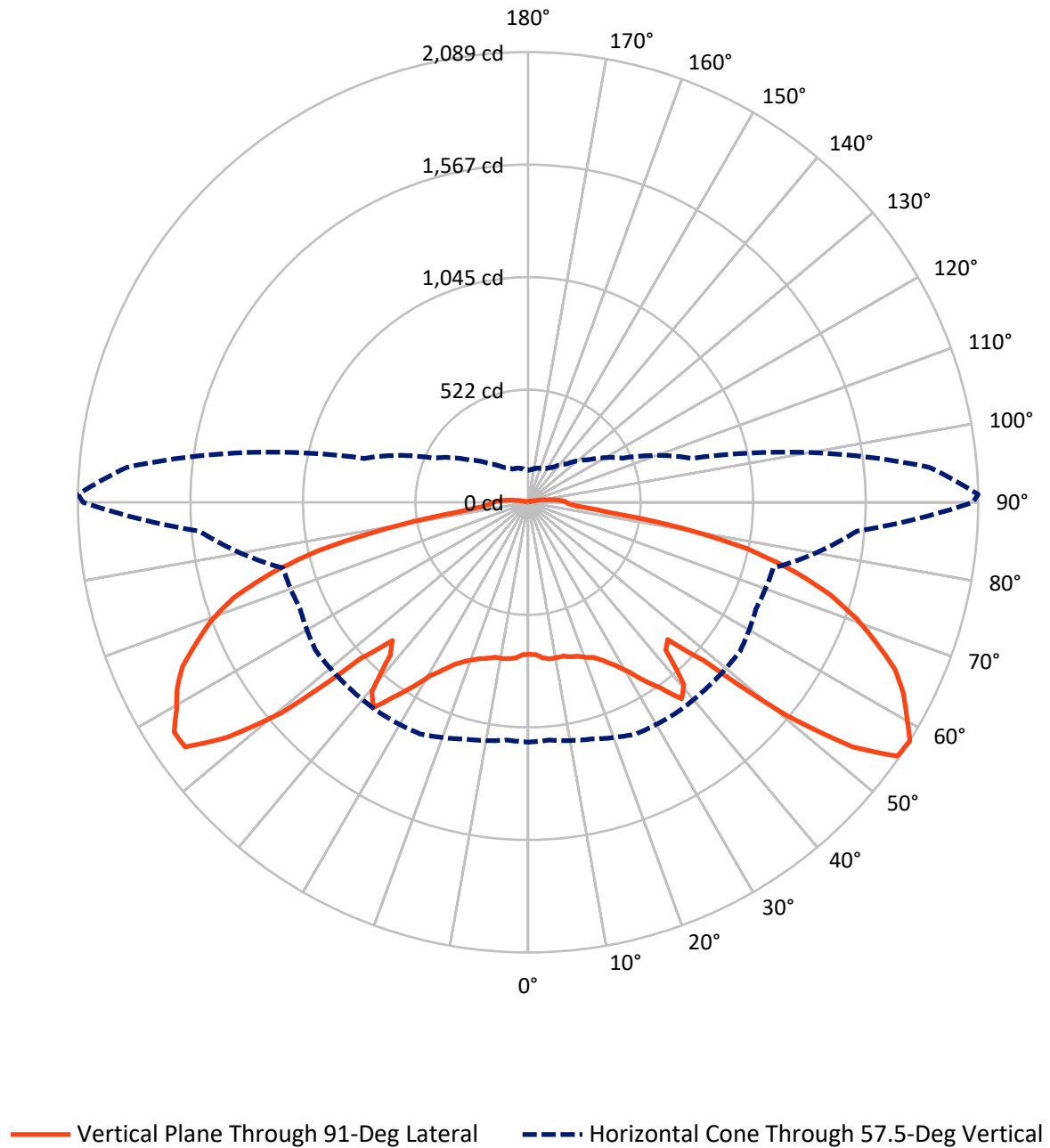


Based on 25 foot mounting height. Maximum calculated value = 1.2 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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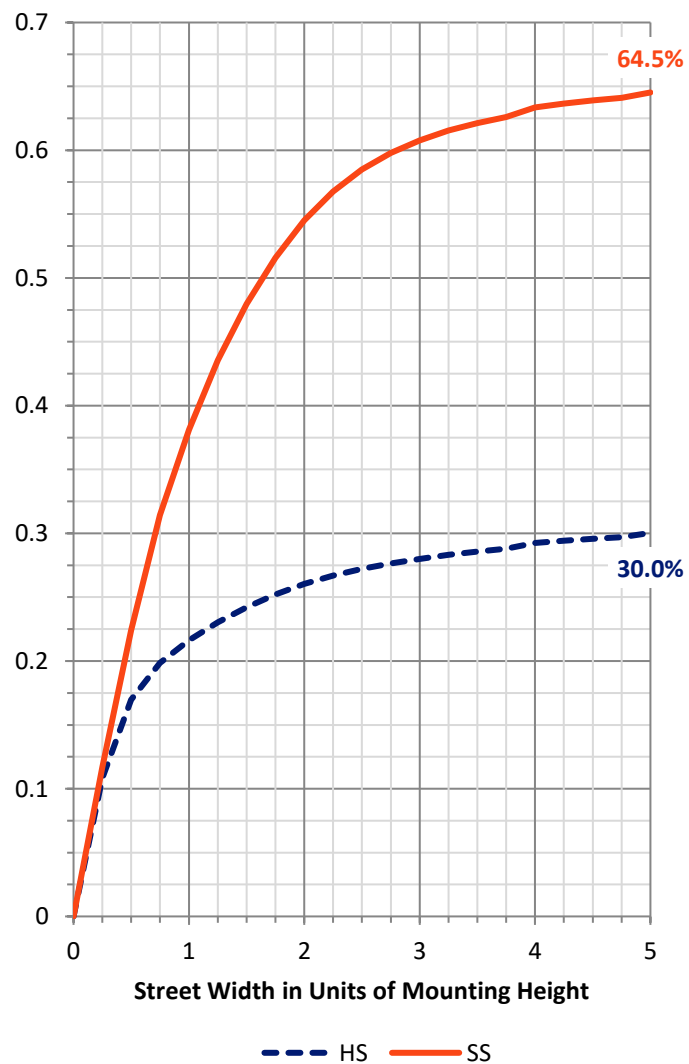
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1371.6	66.7	1438.3
	% Fixture	31.7	1.5	33.3
Street Side	Lumens	2825.7	57.1	2882.7
	% Fixture	65.4	1.3	66.7
Total	Lumens	4197.2	123.8	4321.0
	% Fixture	97.1	2.9	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	69.0	1.6
10°-20°	210.0	4.9
20°-30°	357.0	8.3
30°-40°	502.4	11.6
40°-50°	477.1	11.0
50°-60°	714.7	16.5
60°-70°	924.8	21.4
70°-80°	699.9	16.2
80°-90°	242.4	5.6
90°-100°	91.0	2.1
100°-110°	21.3	0.5
110°-120°	7.3	0.2
120°-130°	3.7	0.1
130°-140°	0.3	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°	4197.2	97.1
0°-180°	4321.0	100.0

Coefficient of Utilization



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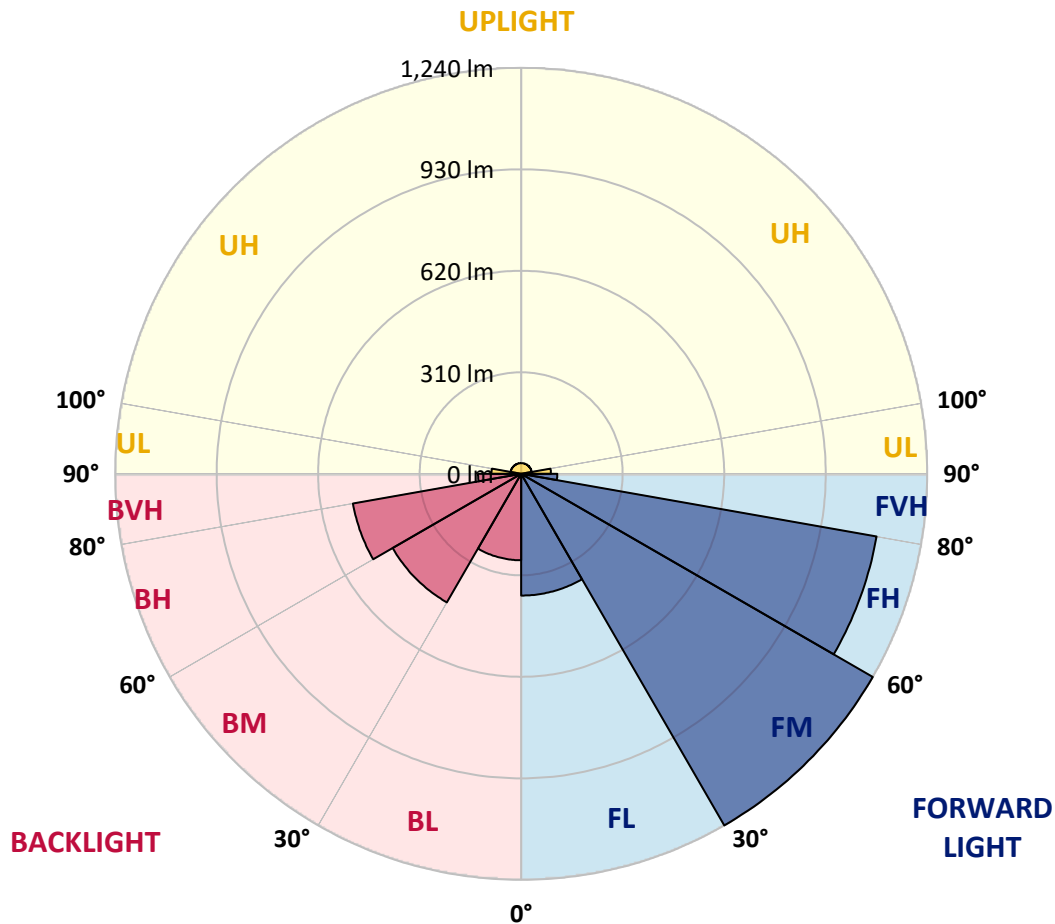
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	372.0	8.6			
FM	(30°-60°)	1240.5	28.7			
FH	(60°-80°)	1102.7	25.5			G1/1800
FVH	(80°-90°)	110.5	2.6			G2/225
BL	(0°-30°)	264.0	6.1	B1/500		
BM	(30°-60°)	453.6	10.5	B1/1000		
BH	(60°-80°)	522.0	12.1	B2/1000		G2/1000
BVH	(80°-90°)	131.9	3.1			G2/225
UL	(90°-100°)	91.0	2.1		U3/500	
UH	(100°-180°)	32.7	0.8		U2/50	

BUG Rating: B2-U3-G2

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	705.5	705.5	705.5	705.5	705.5	705.5	705.5	705.5	705.5	705.5	705.5
2.5°	692.6	692.6	692.6	694.0	698.3	701.2	702.6	701.2	702.6	705.5	708.3
5°	712.6	711.2	709.8	706.9	705.5	705.5	706.9	706.9	709.8	719.8	725.5
7.5°	731.2	728.4	727.0	727.0	725.5	718.4	716.9	712.6	711.2	724.1	732.7
10°	765.6	762.7	754.1	744.1	741.3	732.7	719.8	716.9	718.4	732.7	735.5
12.5°	797.1	795.6	789.9	779.9	765.6	757.0	738.4	729.8	731.2	739.8	734.1
15°	850.0	844.3	827.1	818.5	804.2	788.5	764.2	754.1	757.0	749.8	747.0
17.5°	881.5	877.2	877.2	861.5	851.5	824.3	801.4	782.8	789.9	771.3	755.6
20°	910.1	910.1	911.6	914.4	895.8	874.3	842.9	820.0	821.4	794.2	771.3
22.5°	954.5	950.2	954.5	958.8	945.9	927.3	888.7	865.8	855.7	821.4	791.3
25°	1000.3	997.4	997.4	1008.9	1013.2	984.5	948.8	924.4	910.1	860.0	820.0
27.5°	1046.1	1047.5	1051.8	1056.1	1063.2	1048.9	1013.2	994.6	975.9	905.8	865.8
30°	1083.3	1080.4	1099.0	1109.0	1116.2	1121.9	1081.8	1061.8	1041.8	964.5	917.3
32.5°	1124.8	1124.8	1141.9	1160.5	1170.6	1182.0	1149.1	1136.2	1114.8	1034.6	1003.1
35°	1159.1	1159.1	1184.9	1216.4	1235.0	1243.5	1226.4	1224.9	1220.7	1130.5	1084.7
37.5°	1043.2	1057.5	1097.6	1160.5	1232.1	1289.3	1293.6	1322.3	1336.6	1239.3	1180.6
40°	910.1	914.4	961.6	1017.4	1084.7	1156.3	1224.9	1309.4	1299.4	1182.0	1130.5
42.5°	820.0	831.4	891.5	934.4	978.8	1023.2	1023.2	1020.3	948.8	970.2	950.2
45°	811.4	814.2	864.3	928.7	945.9	884.4	798.5	751.3	757.0	861.5	908.7
47.5°	900.1	904.4	955.9	1017.4	955.9	847.2	762.7	755.6	751.3	935.9	1096.2
50°	947.3	950.2	998.8	1030.3	934.4	933.0	934.4	908.7	885.8	1227.8	1572.7
52.5°	975.9	978.8	975.9	1016.0	983.1	1058.9	1033.2	990.3	973.1	1422.4	1857.4
55°	900.1	918.7	996.0	1101.9	1104.7	1130.5	1120.5	1081.8	1080.4	1495.4	2070.7
57.5°	1113.3	1107.6	1137.7	1186.3	1194.9	1196.3	1202.0	1167.7	1177.7	1532.6	2064.9
60°	1260.7	1245.0	1213.5	1236.4	1246.4	1262.1	1282.2	1243.5	1255.0	1565.5	1974.8
62.5°	1399.5	1375.2	1253.6	1249.3	1265.0	1296.5	1325.1	1295.1	1305.1	1577.0	1911.8
65°	1379.5	1358.0	1266.4	1216.4	1239.3	1282.2	1322.3	1307.9	1305.1	1552.6	1834.6
67.5°	1189.2	1190.6	1180.6	1180.6	1172.0	1233.5	1297.9	1299.4	1285.0	1491.1	1718.6
70°	1021.7	1016.0	1031.8	1091.9	1100.4	1173.4	1259.3	1273.6	1255.0	1422.4	1607.0
72.5°	870.1	865.8	868.6	918.7	990.3	1070.4	1167.7	1202.0	1174.9	1299.4	1471.1
75°	719.8	715.5	714.1	731.2	788.5	888.7	1000.3	1061.8	1038.9	1120.5	1272.2
77.5°	546.6	538.1	538.1	543.8	586.7	676.9	784.2	870.1	858.6	903.0	1026.0
80°	363.5	364.9	362.0	360.6	389.2	442.2	520.9	623.9	618.2	618.2	681.2
82.5°	230.4	230.4	234.7	220.4	217.5	223.2	241.8	283.3	286.2	313.4	334.9
85°	147.4	148.8	148.8	134.5	130.2	134.5	147.4	160.3	166.0	193.2	217.5
87.5°	107.3	107.3	104.5	101.6	103.0	107.3	117.3	128.8	138.8	160.3	181.7
90°	81.6	81.6	80.1	78.7	81.6	87.3	100.2	113.0	125.9	150.3	170.3
92.5°	67.3	67.3	65.8	65.8	67.3	71.6	83.0	97.3	110.2	130.2	148.8
95°	55.8	57.2	55.8	57.2	58.7	61.5	68.7	80.1	88.7	101.6	114.5
97.5°	44.4	45.8	45.8	45.8	47.2	51.5	55.8	63.0	68.7	74.4	83.0
100°	32.9	34.3	34.3	34.3	35.8	40.1	44.4	47.2	48.7	50.1	54.4
102.5°	24.3	25.8	25.8	25.8	25.8	28.6	30.1	31.5	31.5	31.5	32.9
105°	17.2	17.2	17.2	17.2	17.2	17.2	18.6	18.6	18.6	18.6	18.6
107.5°	12.9	12.9	12.9	12.9	12.9	12.9	14.3	14.3	14.3	14.3	14.3
110°	11.4	11.4	11.4	11.4	11.4	11.4	11.4	12.9	11.4	11.4	12.9

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CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	10.0	10.0	10.0	10.0	10.0	10.0	11.4	11.4	10.0	10.0	10.0
115°	8.6	8.6	8.6	8.6	8.6	8.6	10.0	10.0	8.6	8.6	8.6
117.5°	7.2	7.2	7.2	7.2	7.2	7.2	8.6	8.6	7.2	8.6	8.6
120°	7.2	8.6	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	8.6
122.5°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	7.2	7.2
125°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
127.5°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	5.7	5.7
130°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
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°	705.5	705.5	705.5	705.5	705.5	705.5	705.5	705.5	705.5	705.5	705.5
2.5°	708.3	711.2	716.9	722.7	728.4	734.1	737.0	738.4	739.8	737.0	738.4
5°	725.5	728.4	737.0	745.6	744.1	739.8	734.1	734.1	735.5	735.5	738.4
7.5°	734.1	738.4	735.5	737.0	739.8	735.5	729.8	722.7	714.1	714.1	715.5
10°	732.7	728.4	732.7	728.4	718.4	716.9	714.1	704.1	698.3	699.8	699.8
12.5°	732.7	731.2	722.7	718.4	709.8	694.0	686.9	689.7	682.6	684.0	681.2
15°	744.1	734.1	722.7	708.3	689.7	681.2	671.1	655.4	654.0	654.0	654.0
17.5°	751.3	744.1	718.4	689.7	676.9	655.4	644.0	639.7	628.2	632.5	635.4
20°	768.5	751.3	714.1	684.0	639.7	626.8	608.2	603.9	598.2	581.0	575.3
22.5°	782.8	767.0	709.8	656.8	619.6	589.6	561.0	540.9	530.9	523.7	518.0
25°	814.2	789.9	714.1	644.0	586.7	548.1	522.3	486.5	462.2	459.4	462.2
27.5°	855.7	817.1	724.1	626.8	561.0	500.9	449.3	425.0	399.3	390.7	392.1
30°	908.7	857.2	722.7	611.0	515.2	446.5	380.6	339.1	319.1	310.5	309.1
32.5°	984.5	913.0	755.6	591.0	473.7	370.6	299.1	247.6	237.5	236.1	234.7
35°	1058.9	1003.1	771.3	561.0	413.6	297.6	226.1	194.6	193.2	191.8	190.3
37.5°	1157.7	1091.9	815.7	542.4	356.3	224.7	181.7	158.8	154.5	147.4	150.3
40°	1113.3	1058.9	828.6	513.7	276.2	166.0	135.9	117.3	114.5	115.9	114.5
42.5°	937.3	897.2	722.7	442.2	190.3	121.6	101.6	104.5	110.2	114.5	114.5
45°	908.7	830.0	520.9	313.4	123.1	101.6	98.7	103.0	113.0	123.1	124.5
47.5°	1097.6	997.4	456.5	241.8	141.7	115.9	105.9	105.9	111.6	113.0	111.6
50°	1555.5	1403.8	533.8	277.6	176.0	140.2	121.6	114.5	117.3	120.2	118.8
52.5°	1886.1	1695.7	608.2	332.0	220.4	167.4	143.1	125.9	123.1	123.1	121.6
55°	2079.3	1863.2	695.5	409.3	276.2	201.8	166.0	146.0	138.8	133.1	133.1
57.5°	2089.3	1868.9	787.1	485.1	344.9	251.9	197.5	170.3	164.6	151.7	148.8
60°	2019.2	1844.6	857.2	561.0	410.7	322.0	251.9	211.8	204.6	197.5	193.2
62.5°	1954.8	1804.5	891.5	623.9	480.8	400.7	320.5	264.7	241.8	250.4	256.2
65°	1871.8	1760.1	868.6	629.6	512.3	447.9	370.6	289.1	250.4	269.0	279.0
67.5°	1744.4	1644.2	811.4	578.1	478.0	419.3	347.7	271.9	241.8	249.0	249.0
70°	1615.6	1508.3	755.6	538.1	430.7	369.2	301.9	243.3	239.0	234.7	234.7
72.5°	1463.9	1336.6	682.6	513.7	412.1	359.2	293.4	244.7	256.2	261.9	261.9
75°	1272.2	1130.5	605.3	492.3	403.5	366.3	294.8	263.3	283.3	286.2	286.2
77.5°	1041.8	887.2	515.2	453.6	379.2	352.0	274.8	259.0	279.0	283.3	284.8
80°	716.9	628.2	432.2	395.0	339.1	316.3	253.3	251.9	271.9	281.9	283.3
82.5°	363.5	357.8	314.8	310.5	289.1	276.2	234.7	244.7	266.2	280.5	281.9
85°	224.7	233.3	210.4	207.5	214.7	220.4	213.2	233.3	249.0	264.7	267.6
87.5°	187.5	197.5	176.0	167.4	170.3	180.3	188.9	210.4	224.7	237.5	239.0
90°	176.0	184.6	150.3	143.1	148.8	156.0	161.7	173.2	184.6	191.8	191.8
92.5°	154.5	157.4	124.5	118.8	127.4	131.7	130.2	133.1	133.1	118.8	118.8
95°	118.8	118.8	94.4	94.4	101.6	103.0	93.0	84.4	78.7	47.2	40.1
97.5°	85.9	84.4	68.7	68.7	74.4	73.0	61.5	51.5	42.9	27.2	28.6
100°	57.2	55.8	45.8	48.7	51.5	45.8	38.6	31.5	25.8	17.2	20.0
102.5°	34.3	32.9	30.1	31.5	30.1	28.6	22.9	18.6	15.7	10.0	11.4
105°	20.0	18.6	18.6	18.6	18.6	17.2	15.7	11.4	8.6	5.7	5.7
107.5°	14.3	14.3	14.3	12.9	12.9	11.4	10.0	8.6	5.7	4.3	2.9
110°	12.9	11.4	11.4	11.4	10.0	10.0	8.6	7.2	4.3	2.9	2.9

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CANDELA DISTRIBUTION (continued):

	91°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
112.5°	10.0	10.0	10.0	8.6	8.6	7.2	5.7	5.7	4.3	1.4	1.4
115°	8.6	8.6	7.2	7.2	5.7	5.7	4.3	4.3	2.9	1.4	1.4
117.5°	8.6	8.6	5.7	5.7	4.3	4.3	4.3	2.9	1.4	1.4	1.4
120°	8.6	7.2	5.7	4.3	4.3	4.3	2.9	2.9	1.4	0.0	1.4
122.5°	7.2	7.2	4.3	4.3	2.9	2.9	2.9	1.4	1.4	0.0	0.0
125°	5.7	5.7	4.3	2.9	2.9	2.9	2.9	1.4	1.4	0.0	0.0
127.5°	5.7	5.7	4.3	2.9	2.9	2.9	2.9	1.4	1.4	0.0	0.0
130°	4.3	4.3	2.9	2.9	2.9	2.9	1.4	1.4	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)