

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: P210494

Luminaire Tested: **CRTK-X-A12-E-120-5-SR-3000**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P210494
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P14234)
Test Lab: INNOVATION CENTER-P1
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: CRTK-X-A12-E-120-5-SR-3000
Description: STREETWORKS CARETAKER, TYPE 5 WITH REFRACTIVE LENS, 8 LED

Light Source: EATON LED 3000K
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5171.4 lumens
Efficiency: N/A
Efficacy: 70.8 lumens/watt
Luminous Opening: Vertical Cylinder (Dia: 0.5' x H: 0.29')
IES Classification: Type V - Short - Semi-Cutoff
BUG Rating: B3 - U3 - G2

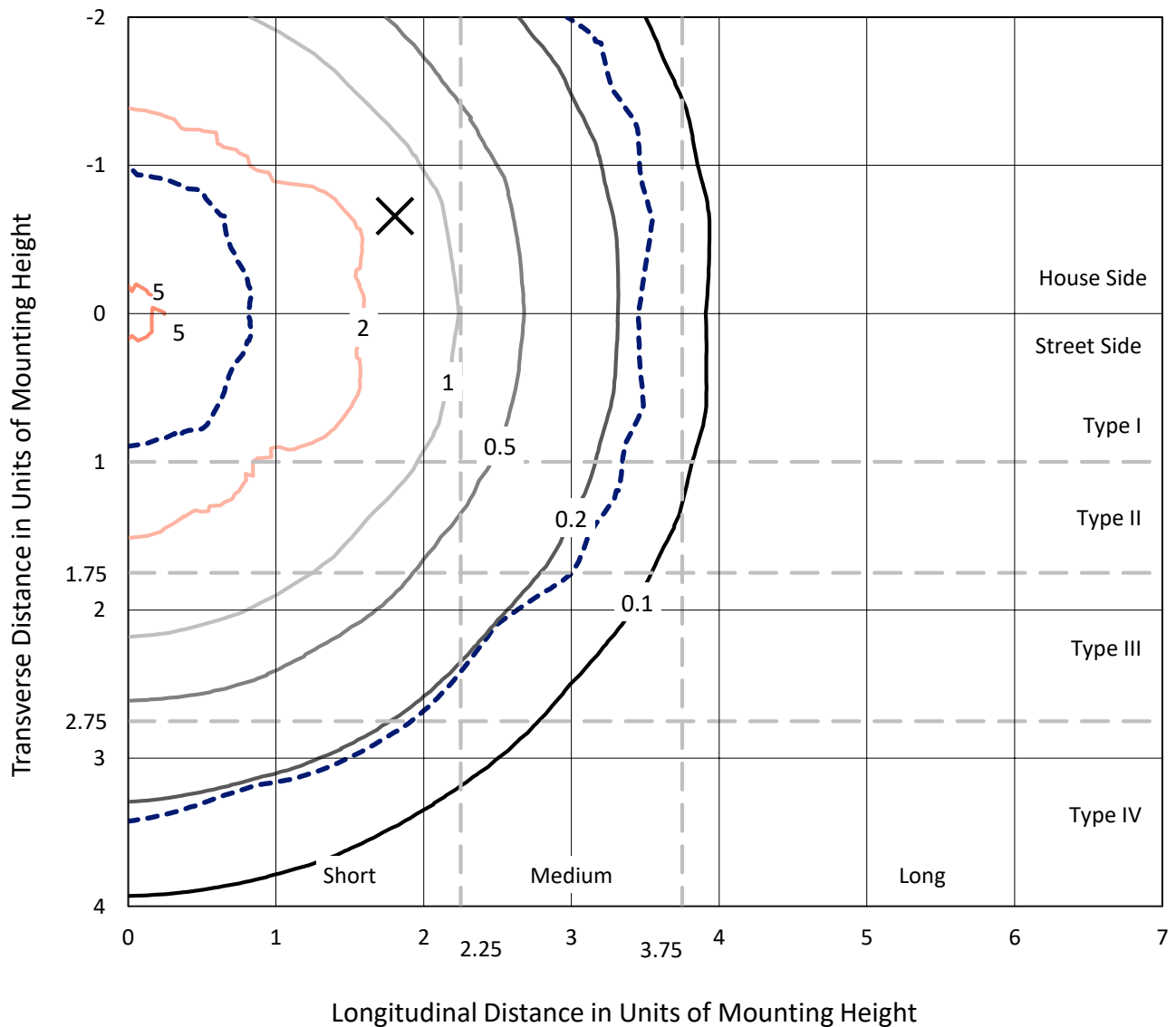
Input Watts (W): 73
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P210494
 CATALOG NUMBER: CRTK-X-A12-E-120-5-SR-3000

Iso-Footcandle Lines of Horizontal Illumination

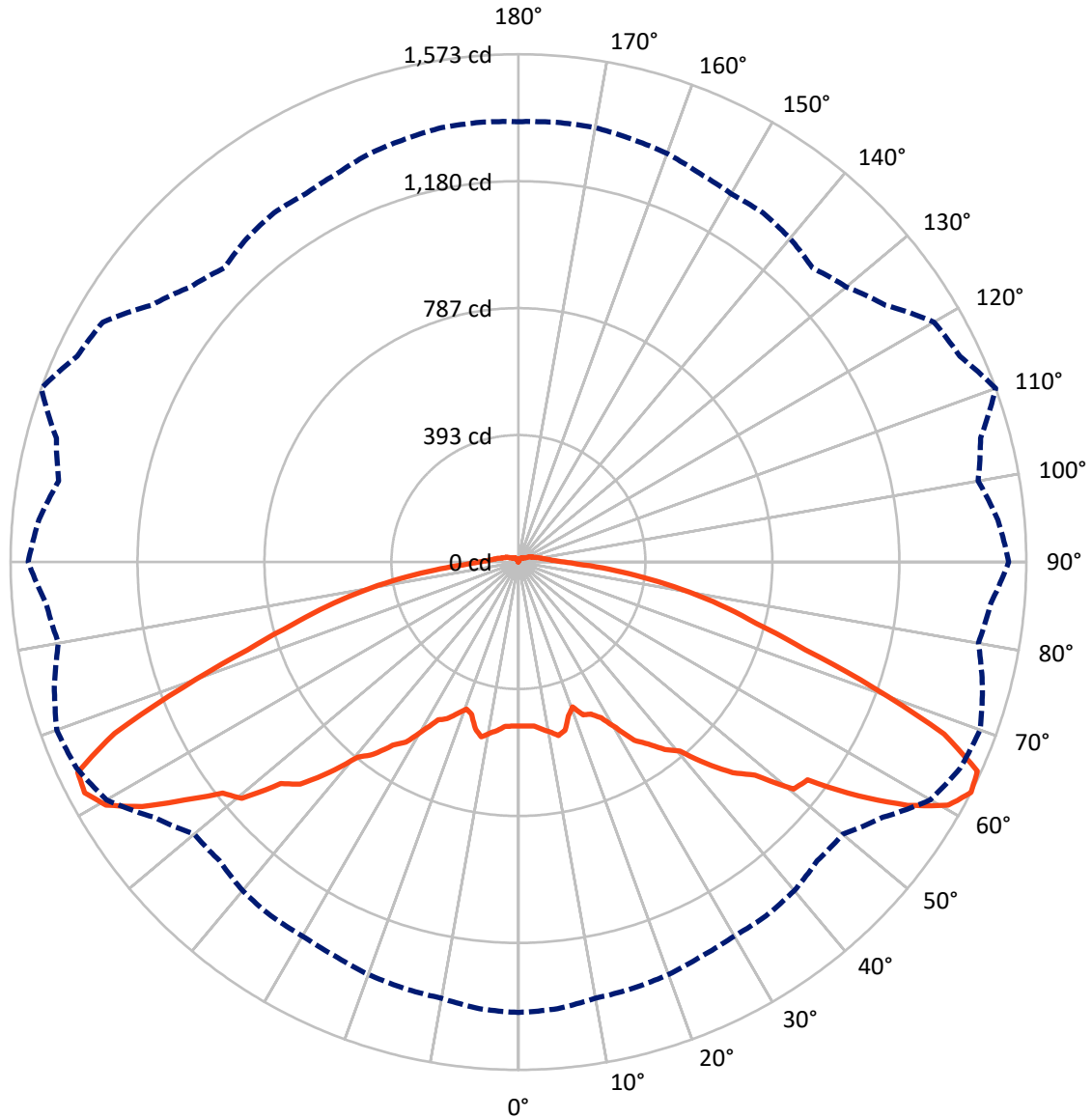
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 5.1 fc
 Type V - Short - Semi-Cutoff

REPORT NUMBER: P210494
CATALOG NUMBER: CRTK-X-A12-E-120-5-SR-3000

Luminous Intensity Polar Plot



— Vertical Plane Through 110-Deg Lateral - - - Horizontal Cone Through 62.5-Deg Vertical

REPORT NUMBER: P210494

CATALOG NUMBER: CRTK-X-A12-E-120-5-SR-3000

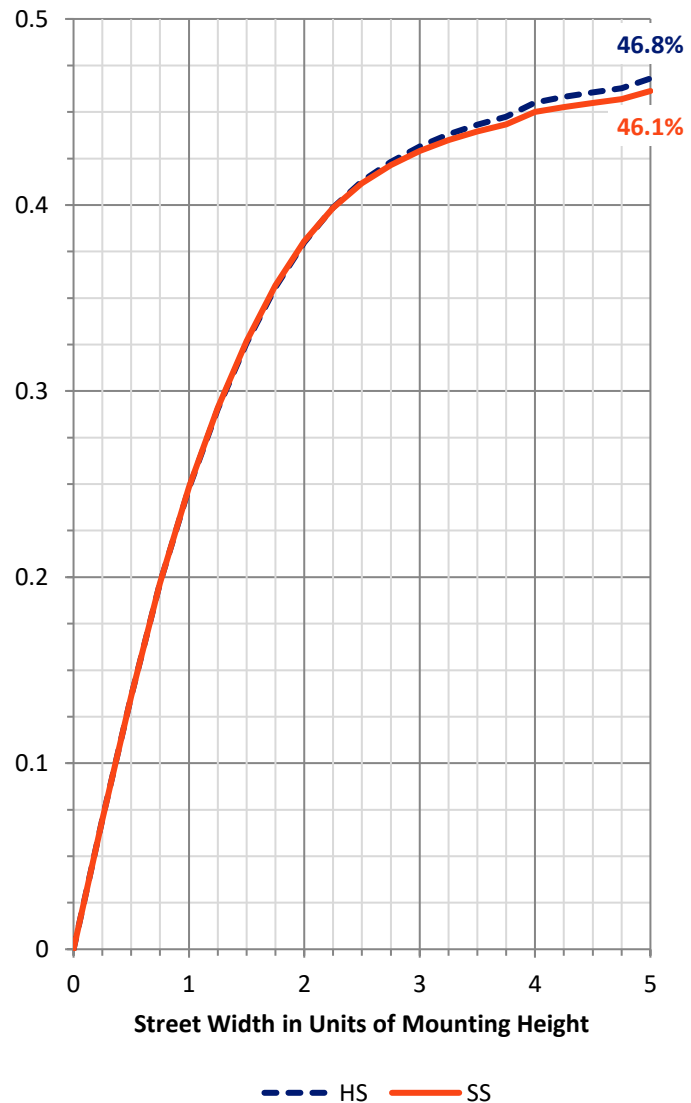
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2491.0	116.5	2607.5
	% Fixture	48.2	2.3	50.4
Street Side	Lumens	2452.2	111.7	2563.9
	% Fixture	47.4	2.2	49.6
Total	Lumens	4943.2	228.2	5171.4
	% Fixture	95.6	4.4	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	49.7	1.0
10°-20°	147.0	2.8
20°-30°	248.5	4.8
30°-40°	420.6	8.1
40°-50°	677.1	13.1
50°-60°	999.4	19.3
60°-70°	1310.2	25.3
70°-80°	786.0	15.2
80°-90°	304.6	5.9
90°-100°	96.1	1.9
100°-110°	54.9	1.1
110°-120°	32.7	0.6
120°-130°	18.0	0.3
130°-140°	12.8	0.2
140°-150°	8.4	0.2
150°-160°	3.8	0.1
160°-170°	1.3	0.0
170°-180°	0.2	0.0
0°-90°	4943.2	95.6
0°-180°	5171.4	100.0



REPORT NUMBER: P210494

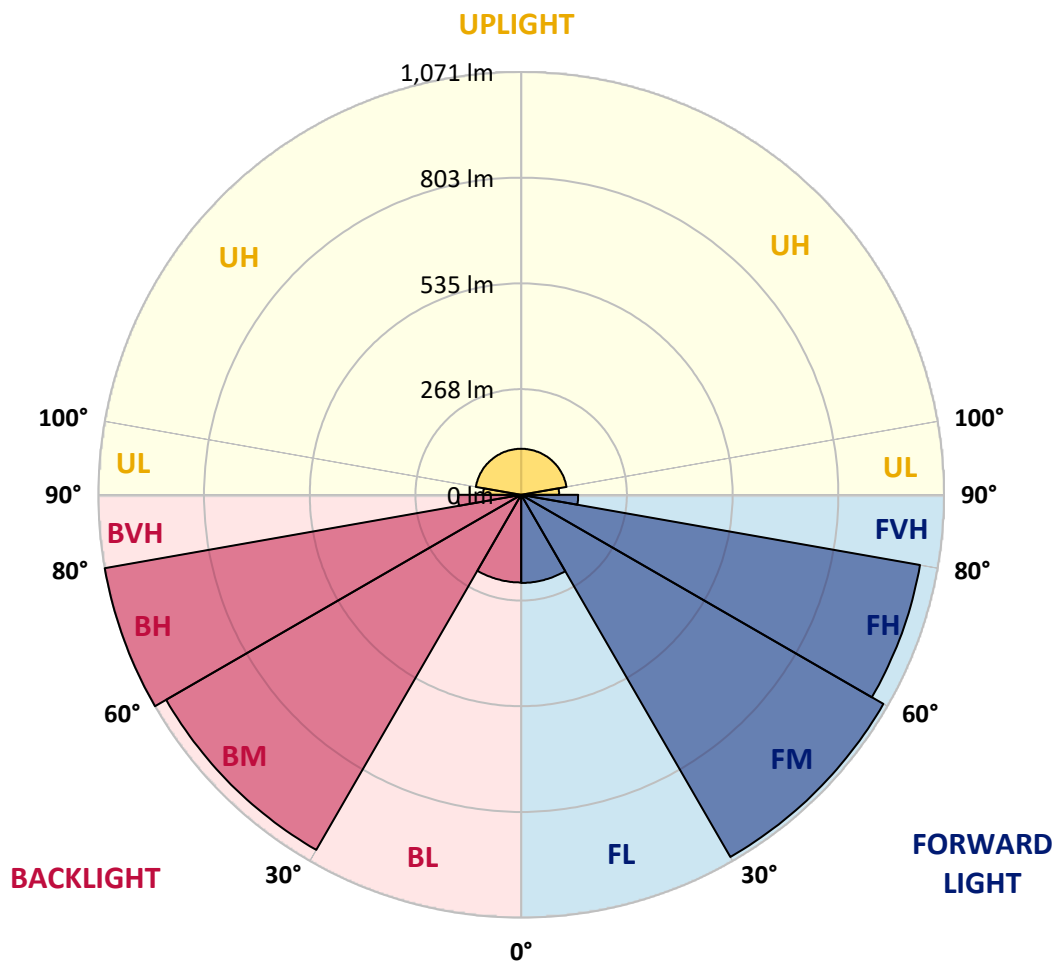
CATALOG NUMBER: CRTK-X-A12-E-120-5-SR-3000

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	223.2	4.3			
FM	(30°-60°)	1059.0	20.5			
FH	(60°-80°)	1025.5	19.8			G1/1800
FVH	(80°-90°)	144.4	2.8			G2/225
BL	(0°-30°)	222.0	4.3	B1/500		
BM	(30°-60°)	1038.1	20.1	B2/2500		
BH	(60°-80°)	1070.7	20.7	B3/2500		G1/1800
BVH	(80°-90°)	160.2	3.1			G2/225
UL	(90°-100°)	96.1	1.9		U3/500	
UH	(100°-180°)	116.5	2.3		U3/500	

BUG Rating: B3-U3-G2

Type V Short





REPORT NUMBER: P210494

CATALOG NUMBER: CRTK-X-A12-E-120-5-SR-3000

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	507.7	507.7	507.7	507.7	507.7	507.7	507.7	507.7	507.7	507.7	507.7
2.5°	507.0	507.0	507.0	507.0	507.7	507.7	507.7	507.0	507.7	507.0	507.7
5°	508.6	510.1	511.7	510.1	510.1	510.1	510.9	510.1	510.1	510.9	510.1
7.5°	524.2	525.7	525.7	525.7	524.9	526.5	526.5	524.9	524.9	524.9	525.7
10°	537.4	537.4	537.4	536.6	537.4	537.4	537.4	538.2	538.2	537.4	536.6
12.5°	552.2	553.1	553.8	553.1	554.6	555.3	554.6	553.8	553.8	553.8	554.6
15°	517.9	519.5	517.1	514.8	517.1	524.9	526.5	526.5	524.9	523.4	524.9
17.5°	496.8	493.7	490.6	482.8	484.4	490.6	494.5	494.5	491.4	486.8	487.5
20°	493.7	491.4	486.8	486.8	487.5	490.6	497.7	494.5	486.8	483.6	484.4
22.5°	486.8	489.9	515.6	532.8	521.0	493.0	488.3	490.6	510.9	526.5	520.2
25°	540.6	540.6	534.3	508.6	532.0	541.3	538.2	538.2	539.8	517.9	530.4
27.5°	582.7	565.5	542.9	545.3	542.9	561.6	586.5	581.1	546.8	546.8	550.7
30°	567.8	585.8	588.9	588.1	589.7	585.0	567.1	584.2	591.2	590.5	597.5
32.5°	593.6	598.3	634.9	640.3	638.1	595.9	587.3	594.4	634.1	645.9	652.1
35°	656.0	656.8	654.4	670.0	652.1	650.5	648.2	647.4	649.0	678.6	663.0
37.5°	719.9	725.4	688.8	655.2	683.3	719.9	712.9	714.5	698.1	665.4	709.0
40°	782.3	739.5	732.4	727.7	731.7	734.0	780.8	741.8	730.1	746.4	765.2
42.5°	741.8	784.7	816.7	815.9	817.4	790.1	733.2	770.7	808.1	818.3	857.2
45°	855.7	856.4	851.0	875.2	850.2	845.5	832.3	828.3	833.0	887.7	885.3
47.5°	984.4	947.7	887.7	854.9	865.8	915.7	942.2	929.8	864.3	843.2	909.5
50°	905.5	931.3	949.3	965.6	946.9	909.5	864.3	897.8	922.0	957.1	982.8
52.5°	965.6	950.9	914.2	900.1	905.5	923.5	900.1	900.1	858.8	861.1	914.2
55°	1140.4	1119.3	1081.1	1057.7	1063.2	1074.1	1072.5	1063.9	1005.4	1007.0	1051.4
57.5°	1226.1	1230.1	1230.8	1222.3	1208.3	1185.6	1161.4	1173.9	1162.2	1173.1	1195.0
60°	1312.7	1314.3	1316.6	1328.4	1313.5	1284.6	1248.0	1264.4	1269.9	1271.4	1279.2
62.5°	1395.4	1389.2	1372.0	1367.4	1359.6	1346.3	1337.7	1337.7	1329.1	1308.9	1311.2
65°	1406.3	1390.0	1366.5	1354.1	1355.6	1341.6	1331.5	1336.2	1342.4	1320.6	1303.4
67.5°	1235.5	1223.8	1226.1	1232.4	1226.1	1198.9	1184.8	1197.3	1222.3	1223.8	1198.1
70°	1005.4	996.9	1002.3	1009.4	1014.0	992.2	980.5	990.6	1010.9	1006.2	983.6
72.5°	851.0	835.4	814.3	805.8	818.3	826.8	829.2	830.7	816.7	803.4	797.2
75°	699.7	694.2	691.1	688.8	691.9	684.8	681.7	681.0	687.2	687.2	678.6
77.5°	581.1	581.9	578.7	574.0	577.2	564.7	564.0	564.7	567.1	568.6	569.4
80°	471.1	472.7	470.3	468.8	467.2	453.9	447.7	447.0	453.2	458.6	453.9
82.5°	364.2	361.1	353.3	348.6	344.8	344.0	345.5	344.8	342.4	343.2	345.5
85°	251.9	248.8	250.3	244.9	243.4	242.5	241.0	242.5	245.7	244.1	244.9
87.5°	166.2	168.5	166.9	163.8	163.0	160.7	159.9	162.2	163.8	163.8	168.5
90°	126.4	125.6	122.4	121.7	122.4	121.7	121.7	120.9	121.7	121.7	124.8
92.5°	94.4	95.2	92.8	92.8	94.4	95.9	95.2	93.6	95.9	96.7	97.5
95°	79.6	79.6	78.8	79.6	79.6	79.6	78.0	78.0	79.6	79.6	81.9
97.5°	68.6	69.4	67.9	71.0	70.2	68.6	67.9	67.1	70.2	69.4	71.0
100°	62.4	63.2	61.6	62.4	62.4	61.6	61.6	61.6	62.4	62.4	64.7
102.5°	53.0	52.3	53.0	51.4	52.3	51.4	51.4	53.0	52.3	53.8	54.6
105°	44.5	45.2	45.2	46.8	46.0	46.8	45.2	46.0	47.6	48.3	49.2
107.5°	41.4	39.8	42.1	42.1	42.9	43.6	42.1	42.1	42.9	42.9	45.2
110°	36.7	37.4	39.0	39.8	39.8	41.4	39.8	39.0	39.8	40.5	42.1



REPORT NUMBER: P210494

CATALOG NUMBER: CRTK-X-A12-E-120-5-SR-3000

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	33.6	34.3	33.6	35.1	37.4	35.9	35.9	36.7	37.4	37.4	39.0
115°	27.3	26.5	28.1	28.1	28.9	28.9	28.1	28.9	29.6	29.6	32.7
117.5°	21.8	21.8	23.4	23.4	23.4	23.4	23.4	23.4	23.4	24.2	24.9
120°	19.5	21.1	21.1	21.1	21.1	20.3	21.8	22.7	23.4	23.4	22.7
122.5°	19.5	18.7	20.3	19.5	18.7	21.1	20.3	20.3	21.1	21.8	21.8
125°	17.1	17.1	18.0	18.0	18.7	18.0	18.0	18.0	18.7	18.7	21.1
127.5°	18.0	18.0	18.0	18.7	18.7	18.7	19.5	18.7	20.3	21.1	21.8
130°	17.1	18.0	18.0	18.0	17.1	18.0	18.7	17.1	18.7	18.7	20.3
132.5°	18.7	19.5	18.0	18.0	17.1	18.0	18.0	18.0	19.5	18.7	19.5
135°	18.0	18.0	17.1	17.1	18.7	18.0	18.7	18.0	18.7	18.7	18.0
137.5°	14.9	16.4	16.4	15.6	15.6	14.9	15.6	17.1	17.1	15.6	15.6
140°	17.1	15.6	16.4	16.4	16.4	18.0	16.4	16.4	16.4	17.1	17.1
142.5°	15.6	15.6	15.6	16.4	15.6	15.6	16.4	16.4	17.1	15.6	16.4
145°	14.9	14.9	14.0	14.0	13.3	13.3	14.0	14.0	14.0	14.0	14.0
147.5°	15.6	13.3	15.6	13.3	14.0	13.3	14.9	14.0	14.9	14.0	15.6
150°	11.7	12.5	12.5	11.7	10.9	11.7	11.7	12.5	12.5	12.5	12.5
152.5°	10.9	10.9	10.2	10.2	10.2	10.2	9.4	10.9	11.7	11.7	11.7
155°	8.6	9.4	9.4	9.4	9.4	9.4	8.6	9.4	9.4	9.4	8.6
157.5°	8.6	8.6	7.8	7.8	7.0	7.8	8.6	7.8	9.4	7.8	7.8
160°	7.0	7.0	7.0	6.2	7.0	6.2	7.0	6.2	7.0	7.0	7.0
162.5°	7.0	5.5	7.0	6.2	6.2	5.5	5.5	4.7	4.7	4.7	4.7
165°	7.0	6.2	6.2	5.5	5.5	6.2	4.7	4.7	4.7	4.7	4.7
167.5°	5.5	6.2	5.5	6.2	6.2	5.5	4.7	4.7	6.2	5.5	5.5
170°	3.1	3.9	3.9	3.1	3.9	4.7	3.1	3.9	5.5	3.1	3.1
172.5°	2.3	2.3	3.1	3.1	2.3	2.3	3.1	1.6	2.3	3.1	2.3
175°	0.8	2.3	2.3	2.3	1.6	2.3	1.6	1.6	3.1	2.3	2.3
177.5°	0.8	0.0	0.0	0.0	0.8	0.8	1.6	0.8	0.0	0.8	0.8
180°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8



REPORT NUMBER: P210494

CATALOG NUMBER: CRTK-X-A12-E-120-5-SR-3000

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	507.7	507.7	507.7	507.7	507.7	507.7	507.7	507.7	507.7	507.7	507.7
2.5°	507.7	507.7	507.7	508.6	507.0	507.7	507.7	508.6	508.6	508.6	509.3
5°	510.1	510.1	510.9	510.1	510.1	510.1	509.3	510.1	508.6	508.6	509.3
7.5°	524.9	526.5	524.9	524.9	525.7	524.2	524.9	526.5	523.4	524.2	522.6
10°	537.4	537.4	538.2	537.4	538.2	539.0	537.4	537.4	535.9	535.9	535.1
12.5°	553.1	553.8	555.3	553.8	555.3	553.8	554.6	552.2	552.2	553.1	550.7
15°	527.3	532.8	534.3	532.8	532.8	535.1	539.0	543.7	543.7	540.6	540.6
17.5°	490.6	490.6	490.6	493.7	495.3	496.1	493.0	491.4	491.4	496.8	503.1
20°	485.2	500.8	496.8	482.8	485.9	486.8	493.0	506.2	499.2	484.4	479.7
22.5°	493.0	484.4	486.8	506.2	526.5	526.5	503.9	490.6	495.3	517.1	523.4
25°	539.0	537.4	537.4	533.5	521.0	528.1	540.6	542.9	543.7	535.9	521.8
27.5°	572.5	595.1	589.7	548.4	547.5	561.6	602.9	604.5	609.2	573.3	542.1
30°	604.5	611.6	609.2	599.1	596.7	602.9	611.6	606.9	612.3	600.6	590.5
32.5°	641.2	636.5	636.5	657.5	652.8	651.3	626.3	614.7	629.4	642.7	645.0
35°	675.5	692.6	691.1	688.8	715.3	670.0	670.8	685.7	677.9	664.6	705.9
37.5°	762.9	757.4	760.5	745.7	693.4	712.9	742.6	755.1	747.3	719.9	685.7
40°	817.4	835.4	805.0	783.1	771.4	751.1	772.9	832.3	791.7	748.8	763.6
42.5°	881.4	815.9	858.8	878.3	853.3	836.1	840.1	807.3	843.9	830.7	837.0
45°	929.8	948.5	930.6	964.1	939.1	893.9	883.7	918.1	892.3	884.6	932.9
47.5°	1020.3	1119.3	1067.9	1006.2	892.3	914.2	986.7	1042.8	1012.5	917.3	875.9
50°	1008.5	1067.9	1081.9	1127.1	1071.7	996.1	979.7	992.9	990.6	1001.6	1053.0
52.5°	987.5	1080.3	1092.0	1162.2	983.6	932.1	968.7	985.9	990.6	931.3	955.5
55°	1129.5	1236.3	1248.8	1268.3	1177.8	1110.7	1130.2	1186.4	1152.0	1089.7	1127.1
57.5°	1244.9	1312.7	1355.6	1390.7	1364.2	1300.2	1319.0	1334.6	1321.3	1297.9	1380.6
60°	1322.1	1395.4	1436.8	1482.8	1477.3	1398.5	1415.7	1414.1	1443.0	1399.4	1481.3
62.5°	1378.3	1473.5	1510.1	1521.8	1488.2	1446.9	1468.8	1518.7	1491.3	1446.1	1482.0
65°	1351.8	1426.6	1453.9	1512.4	1475.0	1461.7	1457.0	1535.8	1485.9	1470.3	1490.6
67.5°	1201.2	1252.7	1268.3	1359.6	1333.1	1343.1	1325.2	1365.0	1343.1	1359.6	1373.6
70°	993.7	1042.1	1035.9	1109.1	1091.2	1113.8	1101.3	1117.7	1110.7	1127.1	1136.5
72.5°	820.5	862.7	858.8	883.0	866.6	890.0	878.3	882.2	890.8	910.2	907.9
75°	695.7	719.1	707.5	727.0	710.6	728.5	700.4	687.2	712.9	743.3	736.4
77.5°	584.2	599.1	600.6	606.9	585.8	601.4	571.8	567.8	583.4	617.8	610.0
80°	460.2	474.3	489.9	489.9	475.0	476.6	456.3	459.4	461.0	477.4	488.3
82.5°	351.0	361.1	368.9	370.5	355.7	350.2	344.0	353.3	351.0	358.8	368.9
85°	246.5	251.2	255.8	259.0	254.3	249.6	248.1	251.2	251.2	257.4	263.6
87.5°	171.6	170.0	174.0	173.1	169.3	163.8	165.3	162.2	168.5	170.8	176.2
90°	127.1	129.5	130.3	126.4	122.4	120.1	121.7	120.9	120.9	124.0	127.9
92.5°	100.6	101.4	103.0	101.4	95.9	94.4	92.1	93.6	93.6	96.7	98.3
95°	85.0	86.6	88.1	86.6	83.4	78.8	78.8	76.5	78.8	81.2	85.0
97.5°	71.8	74.9	74.9	74.9	71.8	69.4	69.4	67.1	67.9	71.0	74.1
100°	66.3	66.3	67.9	67.1	64.7	63.2	63.2	60.8	62.4	65.5	66.3
102.5°	56.1	54.6	56.9	56.1	55.4	54.6	53.8	52.3	54.6	56.1	58.5
105°	49.9	49.2	50.7	51.4	49.2	48.3	46.8	46.8	48.3	51.4	52.3
107.5°	46.0	46.0	45.2	46.8	43.6	43.6	41.4	41.4	42.9	45.2	46.0
110°	42.9	42.9	43.6	42.1	41.4	42.1	40.5	41.4	42.9	43.6	43.6



REPORT NUMBER: P210494

CATALOG NUMBER: CRTK-X-A12-E-120-5-SR-3000

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	39.8	41.4	41.4	40.5	39.8	41.4	39.0	38.2	40.5	42.9	41.4
115°	33.6	34.3	35.1	34.3	33.6	32.7	32.0	32.0	33.6	34.3	35.1
117.5°	26.5	27.3	28.1	27.3	26.5	25.8	25.8	26.5	25.8	27.3	28.1
120°	23.4	24.2	24.9	25.8	23.4	24.2	24.2	22.7	22.7	25.8	23.4
122.5°	21.8	22.7	24.2	23.4	21.1	21.1	21.1	21.8	21.1	21.1	22.7
125°	21.8	21.1	22.7	21.1	21.1	20.3	19.5	19.5	20.3	20.3	21.1
127.5°	21.8	21.1	22.7	20.3	20.3	19.5	21.8	21.1	20.3	21.1	21.1
130°	19.5	19.5	19.5	19.5	18.0	18.7	18.7	18.7	19.5	18.0	20.3
132.5°	18.0	18.7	18.7	18.0	18.0	18.0	18.0	18.0	18.0	18.7	18.7
135°	18.0	18.7	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.7	18.0
137.5°	16.4	14.9	15.6	15.6	15.6	15.6	15.6	16.4	15.6	16.4	16.4
140°	17.1	17.1	17.1	17.1	16.4	17.1	17.1	16.4	16.4	16.4	16.4
142.5°	15.6	16.4	14.9	15.6	16.4	15.6	14.9	14.9	15.6	15.6	15.6
145°	14.0	13.3	13.3	13.3	14.9	14.0	14.0	13.3	14.0	14.0	14.0
147.5°	14.9	14.0	14.0	14.0	14.0	13.3	14.0	15.6	14.9	14.9	14.0
150°	12.5	11.7	11.7	11.7	11.7	10.9	11.7	10.9	10.9	11.7	11.7
152.5°	10.2	10.2	10.2	10.2	9.4	9.4	10.2	9.4	10.2	10.9	10.2
155°	9.4	9.4	8.6	7.0	9.4	7.8	8.6	7.0	8.6	8.6	7.8
157.5°	7.0	6.2	7.0	6.2	6.2	6.2	6.2	7.0	7.0	5.5	6.2
160°	5.5	6.2	6.2	6.2	5.5	6.2	5.5	4.7	6.2	5.5	6.2
162.5°	5.5	5.5	4.7	5.5	3.9	3.9	4.7	3.9	4.7	4.7	4.7
165°	3.9	3.9	4.7	4.7	3.9	3.9	3.9	3.9	3.9	4.7	3.9
167.5°	4.7	4.7	4.7	4.7	5.5	3.9	4.7	3.9	3.9	4.7	3.9
170°	3.9	3.9	3.1	3.1	2.3	3.1	2.3	2.3	3.9	3.1	2.3
172.5°	1.6	2.3	3.1	2.3	1.6	2.3	1.6	1.6	2.3	2.3	2.3
175°	3.1	2.3	2.3	1.6	1.6	2.3	2.3	1.6	1.6	2.3	1.6
177.5°	0.0	0.0	0.8	0.0	1.6	0.8	0.0	0.8	0.8	0.8	0.8
180°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8



REPORT NUMBER: P210494

CATALOG NUMBER: CRTK-X-A12-E-120-5-SR-3000

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	507.7	507.7	507.7	507.7	507.7	507.7	507.7	507.7	507.7	507.7	507.7
2.5°	508.6	508.6	509.3	508.6	507.0	508.6	508.6	507.7	507.7	507.7	507.7
5°	510.1	510.1	509.3	508.6	509.3	507.7	507.7	507.7	507.7	507.7	508.6
7.5°	522.6	523.4	525.7	521.0	521.8	521.0	519.5	522.6	520.2	521.0	521.0
10°	535.1	535.9	533.5	532.8	533.5	532.0	532.8	531.2	531.2	532.8	530.4
12.5°	551.5	549.1	547.5	548.4	547.5	546.8	546.0	546.0	545.3	546.0	552.2
15°	540.6	543.7	542.9	545.3	544.4	540.6	539.0	542.9	543.7	542.1	537.4
17.5°	500.8	492.2	487.5	491.4	499.2	503.1	496.1	488.3	488.3	492.2	498.4
20°	479.0	489.9	503.9	494.5	477.4	475.0	479.0	492.2	503.1	490.6	474.3
22.5°	514.0	489.9	476.6	486.8	506.2	513.3	510.9	491.4	478.1	489.9	507.7
25°	521.8	524.9	525.7	524.2	523.4	524.2	521.8	521.8	521.0	519.5	524.2
27.5°	546.0	574.9	590.5	578.7	542.9	533.5	540.6	567.1	574.0	567.8	541.3
30°	595.1	599.8	607.6	592.0	584.2	576.4	570.2	569.4	579.6	570.2	568.6
32.5°	658.3	631.8	620.9	645.9	635.7	622.5	620.9	587.3	560.8	587.3	616.2
35°	691.9	675.5	678.6	668.5	649.7	670.8	634.1	620.1	616.2	616.2	634.9
37.5°	736.4	744.2	737.1	731.7	704.4	645.0	677.0	687.2	682.5	684.1	670.0
40°	769.8	780.8	819.0	804.2	740.2	717.6	705.9	730.9	753.5	731.7	687.9
42.5°	853.3	853.3	815.9	854.9	854.9	788.6	776.9	768.3	719.1	765.2	772.2
45°	930.6	916.5	926.6	897.8	886.8	883.7	833.8	779.2	783.1	795.6	838.5
47.5°	985.9	1042.8	1089.7	1031.2	916.5	809.6	853.3	896.2	897.0	906.4	852.5
50°	1105.3	1099.0	1098.2	1048.3	988.3	954.7	932.1	907.9	886.1	890.0	920.4
52.5°	1121.6	1101.3	1075.7	992.2	922.7	859.6	843.2	858.0	862.7	883.0	883.7
55°	1278.4	1257.4	1212.1	1101.3	1021.8	960.9	951.6	992.2	1012.5	1009.4	992.2
57.5°	1421.9	1358.0	1312.7	1233.2	1167.6	1110.7	1114.6	1148.2	1145.1	1153.6	1138.8
60°	1529.6	1429.0	1395.4	1314.3	1289.3	1258.1	1240.2	1229.3	1228.5	1250.3	1279.2
62.5°	1573.2	1508.5	1486.7	1387.6	1326.0	1288.6	1308.9	1320.6	1317.4	1328.4	1347.1
65°	1562.3	1487.5	1464.8	1384.5	1343.1	1327.6	1343.1	1347.8	1347.8	1354.1	1368.1
67.5°	1421.9	1324.4	1320.6	1272.2	1266.8	1269.1	1278.4	1275.3	1273.7	1281.5	1296.4
70°	1168.5	1098.2	1102.2	1060.8	1068.6	1077.2	1092.0	1094.4	1103.7	1104.4	1106.0
72.5°	928.2	898.6	901.7	861.9	867.4	883.7	888.4	880.6	877.5	885.3	903.3
75°	761.3	746.4	767.5	742.6	742.6	745.7	748.0	755.1	760.5	763.6	768.3
77.5°	641.2	639.6	652.1	639.6	635.7	638.1	637.2	643.5	648.2	656.0	664.6
80°	513.3	517.1	509.3	501.5	495.3	501.5	504.6	510.1	517.1	515.6	518.7
82.5°	389.2	395.5	390.8	384.5	382.2	385.3	386.9	388.4	393.1	394.7	400.9
85°	280.1	280.8	276.9	273.8	278.5	280.1	283.2	287.9	288.6	289.4	290.1
87.5°	184.0	186.4	185.6	188.7	188.7	185.6	186.4	186.4	185.6	191.1	194.2
90°	131.8	135.7	138.1	135.7	134.2	133.4	132.6	134.2	133.4	133.4	133.4
92.5°	104.5	106.8	108.4	106.8	105.3	103.7	103.7	103.7	103.0	102.2	102.2
95°	89.7	92.1	92.1	89.7	89.0	85.8	85.0	85.0	83.4	84.3	84.3
97.5°	77.2	80.3	79.6	77.2	75.7	72.5	72.5	72.5	73.3	73.3	73.3
100°	68.6	71.0	70.2	69.4	67.9	67.9	67.1	65.5	66.3	67.1	67.9
102.5°	60.1	60.8	61.6	63.2	60.1	60.1	61.6	59.3	60.1	58.5	59.3
105°	54.6	55.4	54.6	56.1	54.6	54.6	55.4	54.6	54.6	54.6	55.4
107.5°	47.6	49.2	50.7	49.9	49.2	49.2	49.2	49.2	49.2	48.3	49.9
110°	44.5	46.8	46.8	46.0	46.8	45.2	44.5	44.5	45.2	46.0	46.8



REPORT NUMBER: P210494
 CATALOG NUMBER: CRTK-X-A12-E-120-5-SR-3000

REPORT N
 CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°	
112.5°	42.9	43.6	44.5	44.5	44.5	42.9	42.9	43.6	43.6	44.5	42.9	0°
115°	36.7	38.2	37.4	39.0	35.1	39.0	36.7	35.1	38.2	36.7	35.9	2.5°
117.5°	29.6	31.2	30.4	29.6	28.9	28.1	28.9	28.1	27.3	27.3	27.3	5°
120°	26.5	26.5	27.3	25.8	24.9	24.9	24.2	24.9	22.7	21.1	21.1	7.5°
122.5°	24.2	24.2	24.2	22.7	23.4	23.4	21.8	22.7	21.1	19.5	18.0	10°
125°	21.1	22.7	21.1	21.8	21.1	21.1	20.3	19.5	19.5	18.7	16.4	12.5°
127.5°	21.8	22.7	23.4	22.7	22.7	21.8	21.8	20.3	19.5	18.7	17.1	15°
130°	21.1	21.8	21.1	21.8	21.8	20.3	19.5	18.0	18.7	17.1	16.4	17.5°
132.5°	19.5	20.3	20.3	19.5	19.5	19.5	18.7	18.0	16.4	15.6	14.0	20°
135°	18.7	18.0	18.7	18.0	18.7	18.7	17.1	16.4	16.4	14.9	12.5	22.5°
137.5°	16.4	17.1	16.4	16.4	17.1	15.6	17.1	14.0	14.0	11.7	10.9	25°
140°	16.4	17.1	18.0	16.4	16.4	15.6	16.4	14.0	14.0	11.7	11.7	27.5°
142.5°	16.4	15.6	14.9	15.6	15.6	14.9	14.9	14.0	13.3	10.9	10.2	30°
145°	13.3	14.0	13.3	12.5	12.5	12.5	12.5	10.9	10.2	10.2	8.6	32.5°
147.5°	13.3	14.0	13.3	14.0	13.3	12.5	12.5	11.7	10.2	8.6	10.9	35°
150°	10.9	11.7	12.5	11.7	10.9	10.9	10.2	10.2	7.8	7.8	7.0	37.5°
152.5°	10.2	9.4	10.9	10.2	10.9	10.2	9.4	8.6	7.8	7.0	5.5	40°
155°	9.4	8.6	8.6	9.4	7.8	8.6	8.6	7.8	6.2	7.0	6.2	42.5°
157.5°	7.0	7.0	6.2	7.0	7.0	7.8	7.0	5.5	5.5	4.7	4.7	45°
160°	5.5	5.5	6.2	6.2	6.2	6.2	4.7	4.7	4.7	3.9	6.2	47.5°
162.5°	4.7	4.7	3.9	3.9	4.7	3.9	3.1	3.9	3.1	3.9	3.1	50°
165°	4.7	4.7	3.9	3.9	5.5	4.7	3.9	3.9	3.1	3.9	3.9	52.5°
167.5°	4.7	4.7	3.9	5.5	3.1	4.7	3.9	3.1	3.1	3.9	3.9	55°
170°	3.1	3.1	3.1	2.3	1.6	2.3	2.3	2.3	2.3	2.3	2.3	57.5°
172.5°	0.8	2.3	1.6	1.6	1.6	2.3	0.8	1.6	1.6	1.6	1.6	60°
175°	2.3	2.3	1.6	2.3	2.3	1.6	2.3	2.3	2.3	2.3	1.6	62.5°
177.5°	0.8	0.8	0.8	1.6	0.0	0.8	0.8	0.0	0.8	0.8	0.8	65°
180°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	67.5°
												70°
												72.5°
												75°
												77.5°
												80°
												82.5°
												85°
												87.5°
												90°
												92.5°
												95°
												97.5°
												100°
												102.5°
												105°
												107.5°
												110°



NUMBER: P210494
 NUMBER: CRTK-X-A12-E-120-5-SR-3000

REPORT NUMBER: P
 CATALOG NUMBER:

DISTRIBUTION (continued):

165°	170°	175°	180°
507.7	507.7	507.7	507.7
509.3	507.7	507.7	507.7
507.7	509.3	507.7	507.7
520.2	521.0	520.2	520.2
530.4	532.0	529.6	530.4
544.4	545.3	544.4	544.4
534.3	535.9	539.0	539.0
503.1	495.3	487.5	484.4
471.9	476.6	491.4	501.5
513.3	510.1	490.6	476.6
526.5	523.4	521.8	519.5
528.1	539.0	567.1	572.5
570.9	570.2	570.9	587.3
615.4	619.4	592.8	566.3
666.9	637.2	623.2	619.4
630.3	677.0	691.1	680.1
690.3	691.9	734.0	750.4
763.6	766.7	765.2	729.3
866.6	840.1	787.8	780.8
790.1	860.3	906.4	906.4
947.7	950.0	928.2	914.9
879.0	890.0	901.7	904.0
992.2	1010.1	1035.0	1045.2
1154.4	1181.7	1187.9	1182.5
1304.9	1304.9	1279.2	1261.3
1356.4	1366.5	1367.4	1364.2
1380.6	1402.5	1404.0	1397.0
1303.4	1315.9	1321.3	1333.8
1103.7	1114.6	1120.1	1129.5
910.2	912.6	907.1	907.9
769.1	777.6	781.6	788.6
670.8	675.5	673.9	673.9
523.4	532.8	539.0	541.3
406.4	415.8	418.1	421.2
294.1	301.1	306.6	308.8
195.0	198.9	200.5	198.1
135.7	138.8	138.8	141.2
103.7	105.3	105.3	104.5
85.0	84.3	83.4	82.7
76.5	75.7	74.9	75.7
67.9	68.6	67.9	67.9
60.8	60.1	61.6	61.6
56.1	55.4	56.1	56.1
49.2	47.6	46.0	47.6
45.2	40.5	38.2	36.7

CANDELA DISTRIBUTION:

	165°
112.5°	42.1
115°	33.6
117.5°	24.2
120°	19.5
122.5°	15.6
125°	14.9
127.5°	14.0
130°	14.0
132.5°	12.5
135°	11.7
137.5°	8.6
140°	9.4
142.5°	9.4
145°	7.0
147.5°	8.6
150°	6.2
152.5°	6.2
155°	5.5
157.5°	3.9
160°	4.7
162.5°	2.3
165°	3.1
167.5°	3.9
170°	2.3
172.5°	1.6
175°	2.3
177.5°	0.8
180°	0.8



'210494

CRTK-X-A12-E-120-5-SR-3000

TION (continued):

170°	175°	180°
37.4	33.6	33.6
28.1	26.5	25.8
20.3	18.0	17.1
18.7	14.0	14.9
14.0	10.9	10.9
10.9	9.4	9.4
12.5	10.2	10.9
10.9	8.6	7.8
10.2	8.6	7.0
9.4	7.8	7.0
7.8	5.5	6.2
7.8	7.8	6.2
8.6	7.8	7.0
7.0	6.2	7.0
7.0	7.8	6.2
6.2	5.5	4.7
6.2	4.7	5.5
4.7	4.7	4.7
4.7	4.7	3.9
3.9	3.1	3.9
3.1	2.3	3.1
3.9	2.3	2.3
3.1	3.9	2.3
2.3	2.3	2.3
1.6	1.6	1.6
1.6	1.6	1.6
0.0	0.0	0.8
0.8	0.8	0.8

(END OF REPORT)