

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: P210493

Luminaire Tested: **CRTK-X-A08-E-120-5-SR-3000**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P210493
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P14229)
Test Lab: INNOVATION CENTER-P1
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: CRTK-X-A08-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: 3645.8 lumens
Efficiency: N/A
Efficacy: 76.0 lumens/watt
Luminous Opening: Vertical Cylinder (Dia: 0.5' x H: 0.29')
IES Classification: Type V - Short - Semi-Cutoff
BUG Rating: B2 - U3 - G2

Input Watts (W): 48
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

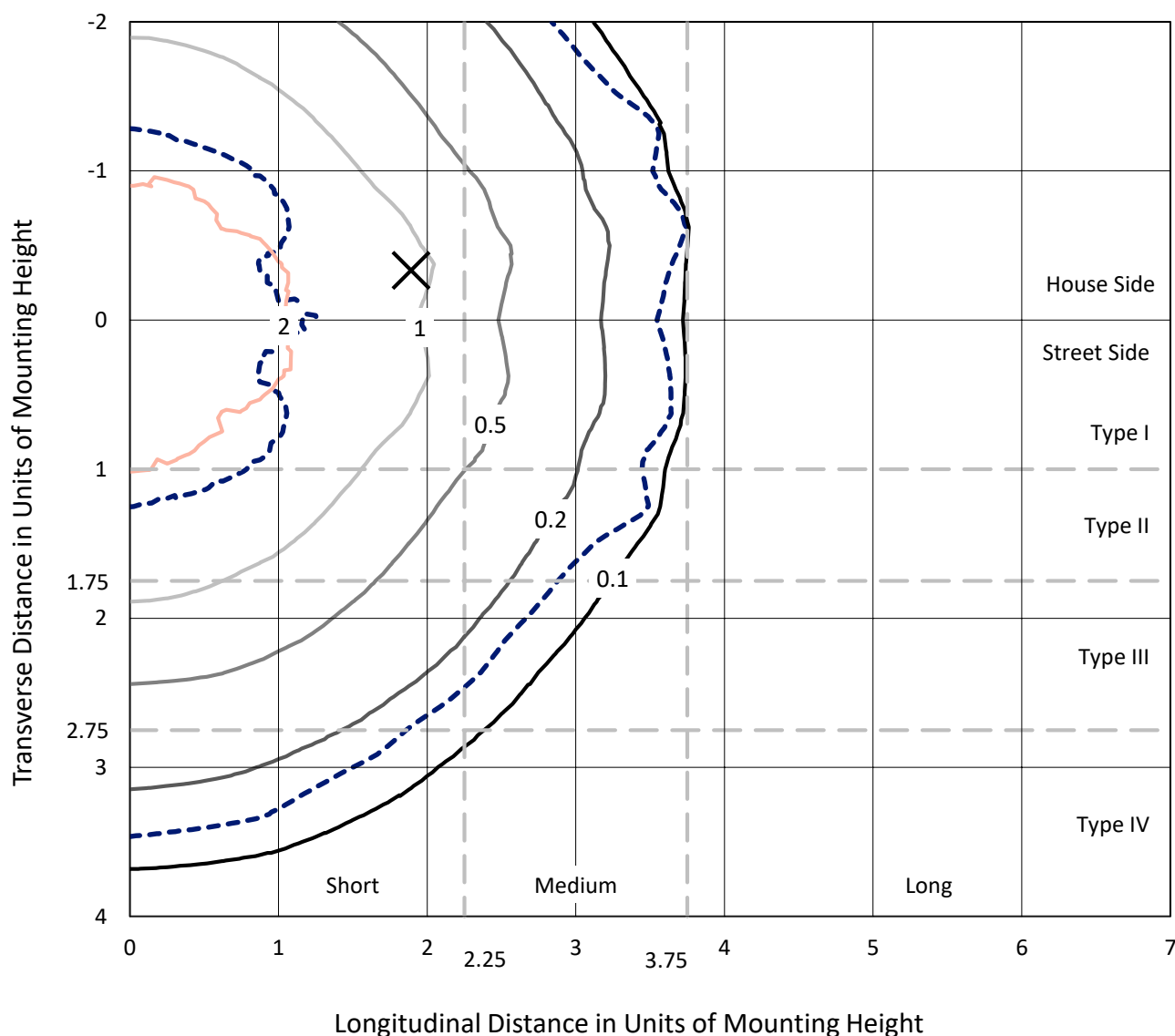


REPORT NUMBER: P210493

CATALOG NUMBER: CRTK-X-A08-E-120-5-SR-3000

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

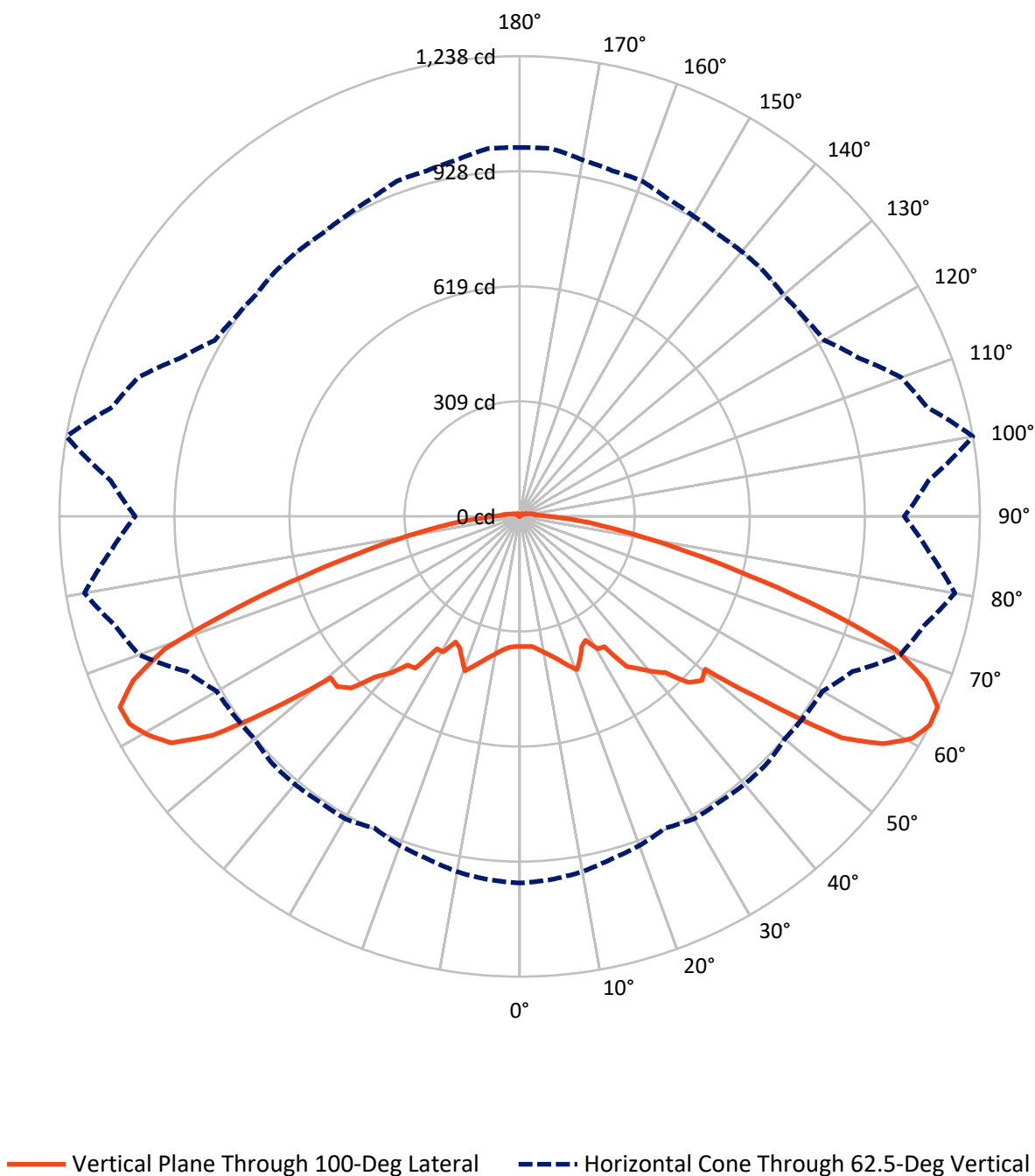


Based on 10 foot mounting height. Maximum calculated value = 3.7 fc
 Type V - Short - Semi-Cutoff

REPORT NUMBER: P210493

CATALOG NUMBER: CRTK-X-A08-E-120-5-SR-3000

Luminous Intensity Polar Plot



REPORT NUMBER: P210493

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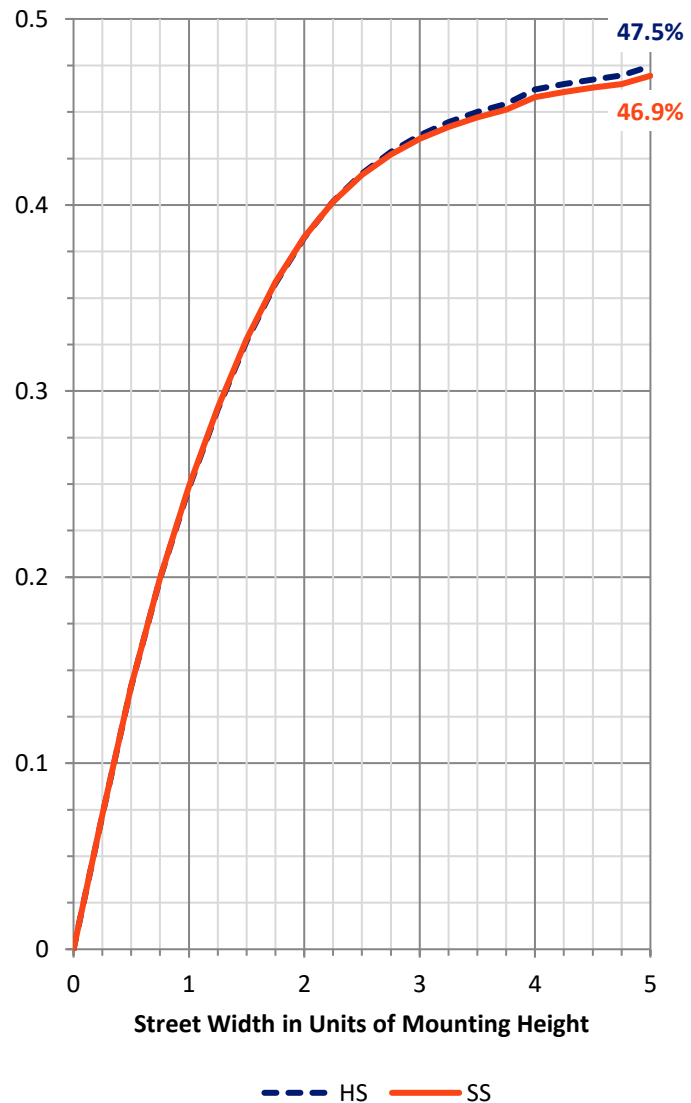
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1772.4	59.6	1832.0
	% Fixture	48.6	1.6	50.3
Street Side	Lumens	1754.2	59.6	1813.8
	% Fixture	48.1	1.6	49.7
Total	Lumens	3526.6	119.2	3645.8
	% Fixture	96.7	3.3	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	34.4	0.9
10°-20°	115.5	3.2
20°-30°	183.2	5.0
30°-40°	279.6	7.7
40°-50°	433.9	11.9
50°-60°	712.8	19.6
60°-70°	958.0	26.3
70°-80°	610.8	16.8
80°-90°	198.4	5.4
90°-100°	53.0	1.5
100°-110°	29.0	0.8
110°-120°	15.4	0.4
120°-130°	8.9	0.2
130°-140°	6.1	0.2
140°-150°	4.2	0.1
150°-160°	1.8	0.0
160°-170°	0.7	0.0
170°-180°	0.1	0.0
0°-90°	3526.6	96.7
0°-180°	3645.8	100.0

Coefficient of Utilization



REPORT NUMBER: P210493

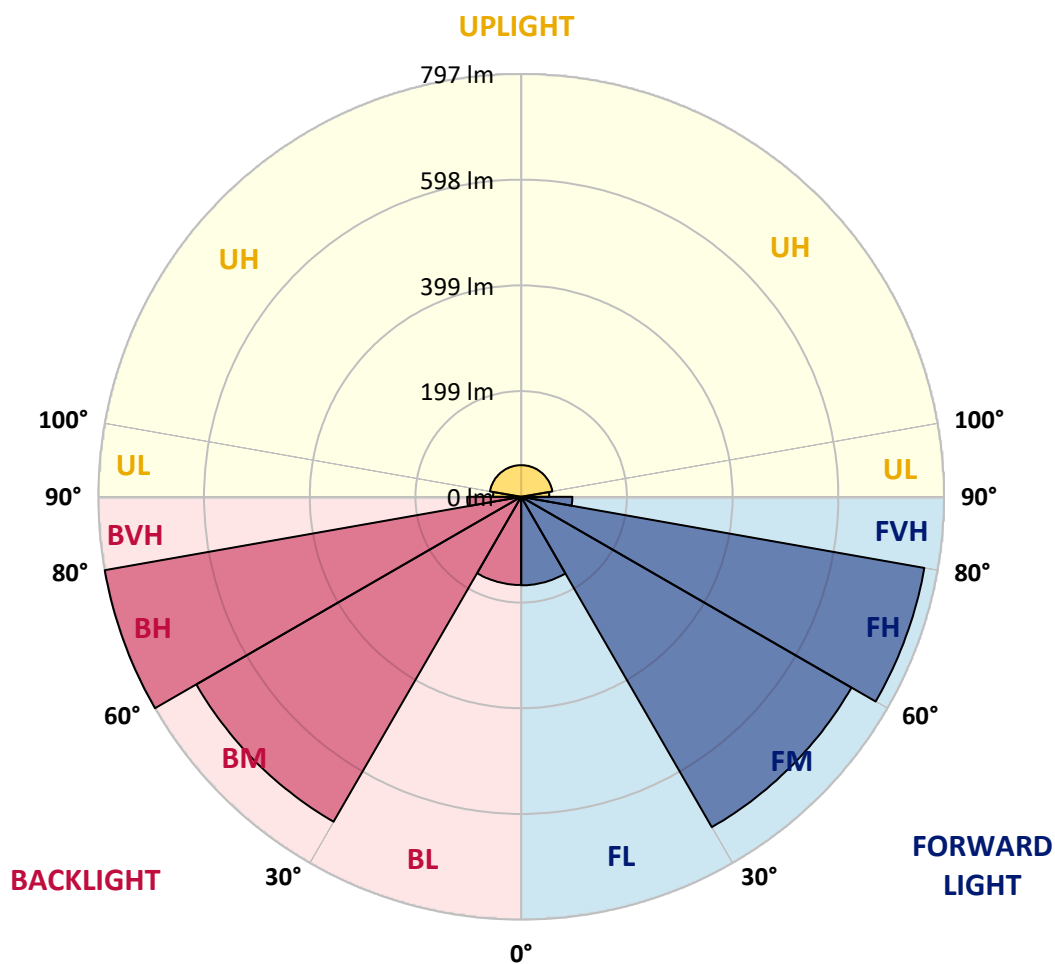
CATALOG NUMBER: CRTK-X-A08-E-120-5-SR-3000

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	166.8	4.6			
FM	(30°-60°)	719.1	19.7			
FH	(60°-80°)	771.7	21.2			G1/1800
FVH	(80°-90°)	96.6	2.6			G1/100
BL	(0°-30°)	166.3	4.6	B1/500		
BM	(30°-60°)	707.2	19.4	B1/1000		
BH	(60°-80°)	797.1	21.9	B2/1000		G1/1800
BVH	(80°-90°)	101.8	2.8			G2/225
UL	(90°-100°)	53.0	1.5		U3/500	
UH	(100°-180°)	59.6	1.6		U3/500	

BUG Rating: B2-U3-G2

Type V Short





REPORT NUMBER: P210493

CATALOG NUMBER: CRTK-X-A08-E-120-5-SR-3000

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	350.2	350.2	350.2	350.2	350.2	350.2	350.2	350.2	350.2	350.2	350.2
2.5°	350.2	350.9	350.2	349.4	350.2	349.4	350.2	350.2	350.2	350.2	350.2
5°	356.4	356.4	355.6	354.9	358.0	355.6	355.6	355.6	354.1	354.1	354.1
7.5°	365.8	365.0	364.2	363.5	365.0	364.2	363.5	363.5	362.7	361.9	361.9
10°	377.5	376.7	376.0	376.0	377.5	376.7	376.0	375.1	375.1	373.6	375.1
12.5°	386.9	387.6	387.6	390.0	390.0	389.2	388.4	387.6	389.2	386.1	386.1
15°	403.2	404.0	404.8	406.3	409.4	409.4	406.3	404.0	404.0	403.2	404.0
17.5°	420.4	423.5	423.5	425.0	427.4	425.9	427.4	425.9	421.9	421.9	421.9
20°	446.1	445.4	443.8	443.0	443.0	442.2	443.0	444.6	446.1	447.7	445.4
22.5°	391.6	393.1	400.9	411.0	418.1	417.2	413.4	405.6	397.8	395.4	396.2
25°	391.6	390.0	386.9	375.1	354.9	352.5	370.5	386.1	390.0	386.9	387.6
27.5°	404.0	386.9	372.8	371.3	371.3	372.0	373.6	374.4	386.1	406.3	393.1
30°	352.5	361.9	396.2	413.4	411.8	411.8	411.8	401.6	364.2	354.1	361.9
32.5°	403.2	400.1	398.5	403.2	441.4	443.0	408.7	398.5	397.8	395.4	391.6
35°	452.4	453.2	452.4	440.7	395.4	393.1	438.3	451.6	446.1	443.8	443.0
37.5°	506.2	500.7	454.7	439.1	438.3	438.3	434.4	446.1	496.0	503.1	496.0
40°	459.4	492.9	507.7	506.2	500.0	501.5	501.5	493.7	485.1	458.6	486.7
42.5°	487.5	485.9	503.1	559.2	576.4	578.7	560.0	502.3	478.9	472.6	475.7
45°	581.1	582.6	573.2	554.5	511.6	513.2	546.7	563.1	567.8	564.7	563.1
47.5°	581.1	570.9	564.7	563.1	560.0	553.0	541.3	546.0	567.8	585.0	576.4
50°	544.4	549.1	562.3	573.2	571.7	556.9	550.7	535.1	522.6	516.3	522.6
52.5°	673.1	679.3	681.7	687.9	683.3	678.6	669.2	661.4	644.2	630.2	642.6
55°	803.3	797.9	787.7	787.0	772.1	765.2	766.7	773.7	761.2	752.7	758.1
57.5°	882.9	890.7	884.5	875.9	864.2	850.2	847.0	851.7	846.2	848.6	845.5
60°	932.8	939.8	946.1	939.8	926.5	912.5	921.1	914.1	894.6	886.0	884.5
62.5°	985.9	980.4	970.3	953.9	942.2	925.0	939.0	937.5	940.6	940.6	931.2
65°	971.8	964.8	965.6	957.8	936.7	920.3	939.0	931.2	939.8	935.9	925.8
67.5°	921.9	915.6	925.0	937.5	928.1	921.1	921.1	896.2	889.9	881.3	873.5
70°	852.4	841.5	846.2	857.1	842.4	836.1	832.2	808.0	807.2	802.6	791.7
72.5°	712.1	701.1	694.9	688.7	666.1	659.1	659.8	652.8	663.0	667.7	659.1
75°	539.8	536.6	543.6	553.0	546.7	538.9	538.2	521.0	515.5	512.4	503.8
77.5°	432.1	427.4	427.4	432.1	421.2	414.9	410.3	397.8	397.0	400.1	390.0
80°	329.1	328.4	330.7	337.7	331.5	327.6	323.7	316.6	312.0	308.8	311.2
82.5°	244.1	242.5	241.0	241.8	239.4	237.9	236.3	232.5	234.0	235.6	237.9
85°	174.7	174.0	173.1	170.8	166.2	164.6	166.2	167.7	168.5	170.0	171.6
87.5°	105.3	106.1	103.7	103.0	99.9	99.0	102.2	103.7	104.5	106.1	106.8
90°	70.2	69.4	69.4	68.6	68.6	68.6	67.9	68.6	67.9	69.4	70.2
92.5°	52.3	53.8	53.0	53.8	53.8	53.0	51.4	52.3	52.3	53.0	53.0
95°	41.4	41.4	41.4	41.4	42.1	42.1	42.1	42.9	43.6	44.5	43.6
97.5°	39.0	39.0	39.8	38.2	39.8	39.0	39.8	40.5	41.4	42.1	44.5
100°	35.9	36.7	35.9	36.7	35.9	36.7	35.9	35.1	35.9	36.7	37.4
102.5°	31.2	29.6	28.9	29.6	29.6	29.6	29.6	29.6	28.9	31.2	29.6
105°	24.9	24.9	24.9	24.2	24.9	24.9	24.9	24.9	24.9	25.8	26.5
107.5°	22.7	21.1	21.1	21.8	21.8	22.7	21.8	21.8	22.7	22.7	23.4
110°	21.1	20.3	19.5	20.3	20.3	21.1	21.8	22.7	23.4	22.7	22.7



REPORT NUMBER: P210493

CATALOG NUMBER: CRTK-X-A08-E-120-5-SR-3000

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	16.4	16.4	16.4	15.6	16.4	16.4	17.1	17.1	18.0	18.7	18.0
115°	14.0	14.0	12.5	14.0	14.0	14.9	14.0	14.9	17.1	14.9	16.4
117.5°	10.9	10.9	11.7	11.7	12.5	13.3	13.3	13.3	13.3	13.3	13.3
120°	10.9	10.2	10.9	11.7	10.9	10.9	12.5	13.3	12.5	13.3	10.9
122.5°	9.4	9.4	8.6	9.4	10.2	10.2	10.2	10.2	10.9	10.9	10.2
125°	9.4	8.6	9.4	9.4	9.4	8.6	10.2	9.4	9.4	9.4	10.2
127.5°	10.9	10.2	9.4	10.2	10.2	10.2	10.2	10.9	10.2	10.2	10.9
130°	8.6	9.4	8.6	8.6	9.4	10.2	8.6	9.4	9.4	10.2	10.9
132.5°	8.6	7.8	7.8	7.8	7.8	8.6	7.8	8.6	9.4	8.6	8.6
135°	8.6	8.6	9.4	9.4	9.4	9.4	10.2	9.4	10.2	10.2	9.4
137.5°	7.8	7.0	6.2	7.8	7.0	7.0	7.8	8.6	7.0	7.8	7.8
140°	7.8	7.8	7.8	7.0	7.8	8.6	7.8	7.8	7.0	8.6	8.6
142.5°	8.6	8.6	7.8	7.8	8.6	7.8	7.8	7.8	8.6	9.4	7.8
145°	7.0	7.8	7.8	7.8	7.8	7.0	7.8	7.8	7.0	7.8	7.8
147.5°	6.2	7.0	7.0	7.0	7.8	7.8	5.5	7.0	6.2	6.2	6.2
150°	6.2	6.2	6.2	6.2	7.0	5.5	5.5	5.5	7.0	6.2	7.0
152.5°	5.5	4.7	3.9	3.9	5.5	4.7	4.7	4.7	3.9	3.9	4.7
155°	4.7	4.7	3.9	3.9	4.7	4.7	3.9	3.9	3.9	4.7	3.9
157.5°	3.9	3.9	3.9	3.9	4.7	3.9	4.7	3.9	3.1	3.9	4.7
160°	2.3	2.3	1.6	2.3	3.1	2.3	2.3	2.3	1.6	2.3	2.3
162.5°	3.1	3.1	3.1	3.1	4.7	3.1	3.9	3.1	3.1	3.1	3.1
165°	2.3	3.1	3.1	3.1	3.9	3.9	2.3	3.1	3.9	3.1	3.1
167.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	3.1	1.6	3.1
170°	0.0	0.8	0.0	0.8	1.6	0.8	0.8	1.6	0.0	0.8	0.8
172.5°	0.8	1.6	0.8	0.8	0.8	0.8	1.6	0.8	0.8	0.8	1.6
175°	2.3	0.8	1.6	0.8	1.6	1.6	1.6	0.8	0.8	1.6	0.8
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°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8



REPORT NUMBER: P210493

CATALOG NUMBER: CRTK-X-A08-E-120-5-SR-3000

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	350.2	350.2	350.2	350.2	350.2	350.2	350.2	350.2	350.2	350.2	350.2
2.5°	349.4	349.4	350.2	350.9	349.4	350.2	351.8	350.2	350.9	350.2	350.2
5°	353.3	351.8	353.3	353.3	352.5	353.3	354.1	354.1	353.3	351.8	353.3
7.5°	361.9	361.9	361.9	361.1	361.1	361.1	360.3	361.1	360.3	361.1	361.9
10°	375.1	375.1	375.1	372.8	373.6	372.8	373.6	372.0	372.0	372.8	372.8
12.5°	386.9	387.6	388.4	387.6	386.9	386.1	384.5	386.9	383.8	385.3	384.5
15°	403.2	405.6	407.9	410.3	405.6	402.5	400.9	401.6	400.1	401.6	402.5
17.5°	423.5	425.0	425.9	427.4	425.0	420.4	419.6	418.1	418.8	421.2	422.7
20°	445.4	443.0	441.4	440.7	441.4	440.7	441.4	439.9	440.7	439.9	438.3
22.5°	407.2	416.5	418.1	419.6	421.9	412.6	404.8	401.6	404.8	415.7	421.2
25°	386.9	379.8	364.2	359.6	376.7	388.4	387.6	389.2	386.9	387.6	383.8
27.5°	373.6	372.0	374.4	376.0	376.7	379.1	390.0	408.7	395.4	377.5	376.0
30°	393.9	412.6	416.5	420.4	421.9	418.8	379.8	351.8	366.6	413.4	423.5
32.5°	393.9	406.3	447.7	464.1	450.8	419.6	410.3	405.6	407.9	418.1	443.8
35°	449.2	442.2	412.6	437.5	492.9	495.3	478.1	464.1	471.1	495.3	493.7
37.5°	456.3	443.8	455.5	464.1	478.9	500.7	542.9	515.5	524.9	519.5	477.3
40°	503.1	525.7	544.4	530.4	539.8	545.2	530.4	498.4	510.9	548.3	540.5
42.5°	506.2	593.6	656.7	626.3	614.6	581.1	517.9	493.7	504.6	574.8	609.2
45°	570.9	590.4	607.6	601.4	628.6	647.3	609.9	588.1	595.1	637.2	622.4
47.5°	576.4	581.8	624.8	653.6	668.4	670.8	639.5	628.6	634.8	659.1	649.7
50°	544.4	580.3	637.2	723.0	697.3	668.4	568.5	532.0	547.5	646.6	695.7
52.5°	645.0	677.0	740.2	848.6	858.7	834.6	729.2	665.3	702.0	823.7	862.6
55°	751.9	769.8	808.8	905.5	961.7	1013.9	916.5	834.6	898.5	1051.3	960.9
57.5°	836.9	850.2	893.8	981.2	1031.9	1117.6	1019.4	958.5	1007.7	1153.5	1031.9
60°	906.3	921.9	970.3	1060.7	1109.1	1159.0	1054.5	981.9	1050.6	1212.8	1113.0
62.5°	935.9	940.6	987.4	1088.8	1127.8	1188.6	1106.0	1034.2	1103.6	1237.8	1134.1
65°	934.3	927.4	971.0	1082.5	1109.1	1191.0	1109.9	1034.2	1108.3	1235.4	1123.2
67.5°	885.3	896.2	940.6	1049.1	1038.9	1129.4	1046.7	972.6	1043.6	1178.5	1064.6
70°	801.8	815.0	845.5	933.6	902.4	1019.4	948.4	879.0	939.0	1072.4	931.2
72.5°	665.3	670.8	691.8	748.7	713.6	805.7	770.6	730.8	765.9	856.4	741.8
75°	521.0	535.1	561.6	613.0	575.6	604.5	590.4	567.0	587.3	637.2	591.2
77.5°	400.1	403.2	420.4	453.9	425.0	444.6	437.5	435.2	435.2	463.3	432.1
80°	324.4	326.0	331.5	342.4	322.9	327.6	312.0	322.1	310.4	333.1	328.4
82.5°	243.4	243.4	245.7	248.1	231.6	234.0	231.6	241.0	232.5	235.6	234.0
85°	174.7	169.3	171.6	169.3	163.0	166.9	160.7	159.1	161.5	169.3	166.9
87.5°	107.7	107.7	106.8	105.3	103.0	105.3	106.1	104.5	106.8	107.7	104.5
90°	72.5	72.5	72.5	71.8	71.0	71.0	71.0	70.2	71.8	71.8	71.8
92.5°	54.6	54.6	55.4	56.1	54.6	55.4	53.8	53.0	53.8	53.8	56.1
95°	46.0	46.8	45.2	44.5	43.6	43.6	42.9	41.4	43.6	42.9	43.6
97.5°	44.5	44.5	43.6	42.1	41.4	41.4	39.8	41.4	40.5	39.8	40.5
100°	38.2	38.2	39.0	37.4	36.7	35.1	34.3	35.1	34.3	35.9	37.4
102.5°	29.6	29.6	29.6	31.2	29.6	28.9	31.2	30.4	30.4	29.6	30.4
105°	26.5	25.8	26.5	26.5	24.9	25.8	24.9	24.9	25.8	24.9	24.9
107.5°	22.7	22.7	22.7	23.4	21.8	21.1	21.1	21.8	21.8	22.7	21.1
110°	21.8	21.8	21.8	21.1	21.1	20.3	22.7	24.2	22.7	21.1	21.1



REPORT NUMBER: P210493

CATALOG NUMBER: CRTK-X-A08-E-120-5-SR-3000

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	18.0	18.0	18.0	17.1	17.1	18.0	19.5	20.3	19.5	18.0	17.1
115°	15.6	15.6	17.1	14.9	15.6	16.4	15.6	18.7	17.1	14.9	14.9
117.5°	13.3	13.3	13.3	13.3	13.3	14.0	13.3	14.9	13.3	12.5	13.3
120°	11.7	10.2	10.9	10.2	10.9	10.9	11.7	13.3	12.5	12.5	11.7
122.5°	10.2	10.2	10.9	10.2	10.9	10.2	10.9	12.5	11.7	10.2	10.2
125°	9.4	9.4	10.2	9.4	10.2	10.2	10.9	10.9	10.9	9.4	9.4
127.5°	10.2	10.9	10.9	9.4	10.2	10.2	10.9	11.7	11.7	10.2	10.2
130°	9.4	10.2	9.4	10.2	9.4	10.2	10.2	10.2	10.2	10.2	10.2
132.5°	8.6	9.4	9.4	8.6	7.0	7.8	8.6	9.4	7.8	7.8	7.8
135°	11.7	10.2	9.4	9.4	9.4	10.2	9.4	9.4	9.4	8.6	10.2
137.5°	7.8	7.8	7.8	7.0	7.8	7.8	7.8	7.8	7.0	6.2	8.6
140°	7.8	8.6	8.6	7.8	7.8	7.8	7.0	7.0	7.0	7.8	7.0
142.5°	8.6	8.6	7.0	8.6	8.6	8.6	8.6	7.8	7.8	8.6	8.6
145°	8.6	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.8	7.0	7.8
147.5°	7.0	7.0	6.2	5.5	6.2	6.2	5.5	6.2	6.2	6.2	6.2
150°	6.2	6.2	5.5	6.2	5.5	6.2	6.2	6.2	6.2	6.2	5.5
152.5°	3.9	4.7	4.7	3.9	3.9	3.9	3.1	4.7	3.1	3.9	3.9
155°	3.9	4.7	3.1	3.9	4.7	3.1	3.9	3.1	4.7	3.9	4.7
157.5°	3.9	4.7	3.9	3.1	3.1	3.9	3.9	4.7	3.9	3.9	3.1
160°	2.3	3.1	2.3	3.1	1.6	2.3	3.1	1.6	2.3	3.1	2.3
162.5°	3.1	2.3	3.1	2.3	2.3	3.9	3.1	2.3	3.9	3.1	3.1
165°	3.1	2.3	3.1	3.1	3.1	2.3	3.1	3.9	3.1	2.3	3.1
167.5°	3.9	2.3	3.1	3.1	3.1	1.6	3.1	3.1	3.1	3.1	3.1
170°	0.8	0.8	0.8	0.8	0.8	0.8	1.6	0.0	1.6	0.8	0.8
172.5°	1.6	0.8	0.8	0.8	1.6	1.6	1.6	0.8	1.6	1.6	1.6
175°	1.6	0.8	1.6	0.8	1.6	1.6	1.6	1.6	1.6	1.6	1.6
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°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8



REPORT NUMBER: P210493

CATALOG NUMBER: CRTK-X-A08-E-120-5-SR-3000

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	350.2	350.2	350.2	350.2	350.2	350.2	350.2	350.2	350.2	350.2	350.2
2.5°	350.9	350.2	350.9	351.8	359.6	351.8	351.8	350.2	350.2	350.9	350.2
5°	356.4	355.6	352.5	353.3	352.5	353.3	354.1	351.8	351.8	352.5	352.5
7.5°	361.1	359.6	361.1	361.1	361.1	361.1	361.1	360.3	360.3	360.3	359.6
10°	372.8	372.0	372.0	372.8	372.0	372.0	371.3	370.5	370.5	370.5	371.3
12.5°	384.5	386.1	386.9	382.9	382.9	385.3	380.6	380.6	382.2	381.4	381.4
15°	406.3	407.9	403.2	400.1	399.4	397.0	397.8	397.0	397.8	401.6	401.6
17.5°	429.0	425.9	421.2	419.6	417.2	416.5	414.9	415.7	415.7	420.4	419.6
20°	439.1	437.5	437.5	438.3	438.3	437.5	437.5	436.0	433.7	432.9	432.1
22.5°	421.9	420.4	422.7	420.4	416.5	414.1	420.4	419.6	422.7	421.9	419.6
25°	369.7	370.5	382.9	388.4	387.6	386.1	384.5	386.1	381.4	374.4	374.4
27.5°	372.0	372.0	371.3	371.3	391.6	411.0	396.2	369.7	363.5	362.7	361.9
30°	415.7	418.1	409.4	400.1	369.7	347.8	365.0	395.4	400.9	403.2	403.2
32.5°	466.4	455.5	414.9	388.4	382.9	385.3	386.1	388.4	408.7	441.4	441.4
35°	472.6	412.6	439.1	439.9	439.1	435.2	434.4	433.7	432.1	399.4	397.0
37.5°	463.3	450.1	435.2	456.3	486.7	484.4	482.8	451.6	414.1	416.5	418.8
40°	517.1	535.8	511.6	494.4	483.5	489.0	467.9	464.1	473.5	476.6	478.9
42.5°	613.0	631.7	592.0	522.6	463.3	450.1	461.0	503.8	545.2	553.8	554.5
45°	623.9	620.1	604.5	546.0	542.0	538.9	536.6	533.5	538.9	546.0	543.6
47.5°	641.1	617.0	570.9	575.6	599.8	616.1	599.0	552.2	520.2	517.1	524.9
50°	703.5	641.1	572.5	521.0	496.8	497.6	496.8	510.9	535.1	548.3	559.2
52.5°	825.9	741.8	659.1	621.6	612.3	613.8	617.7	625.5	636.4	660.6	660.6
55°	889.1	813.5	752.7	732.4	733.1	726.9	737.8	745.6	747.2	749.6	753.4
57.5°	975.0	895.4	830.6	819.7	836.1	841.5	836.9	825.9	826.8	836.9	847.8
60°	1051.3	972.6	915.6	895.4	879.8	874.3	886.8	894.6	904.0	907.8	930.5
62.5°	1091.9	1006.9	946.8	933.6	926.5	930.5	929.7	927.4	933.6	943.0	960.1
65°	1086.5	989.7	942.2	940.6	939.0	950.0	949.2	943.7	936.7	938.3	957.8
67.5°	1060.0	965.6	914.1	902.4	893.8	904.0	914.9	925.0	937.5	944.5	960.1
70°	959.4	882.9	846.2	834.6	825.9	839.2	847.8	854.8	875.9	892.2	907.8
72.5°	776.8	726.9	709.8	699.6	691.1	697.3	698.9	703.5	719.1	737.1	748.7
75°	631.0	587.3	563.9	553.8	549.1	555.3	562.3	564.7	570.9	577.2	582.6
77.5°	469.5	445.4	423.5	418.8	411.8	414.1	420.4	425.9	438.3	454.7	464.8
80°	354.9	349.4	344.0	336.9	329.1	323.7	330.7	340.0	348.6	361.9	366.6
82.5°	254.3	253.5	253.5	254.3	251.2	247.2	248.8	250.3	252.7	253.5	256.6
85°	172.4	176.2	176.2	178.6	179.4	177.8	177.1	177.8	177.1	177.1	180.2
87.5°	106.1	109.2	111.5	114.6	115.5	113.1	113.9	111.5	109.9	107.7	109.2
90°	73.3	74.1	74.9	74.9	73.3	73.3	72.5	72.5	71.8	73.3	72.5
92.5°	56.9	55.4	57.7	56.9	56.1	54.6	54.6	53.8	54.6	56.1	56.1
95°	46.8	46.8	46.8	46.8	45.2	44.5	43.6	43.6	43.6	44.5	42.9
97.5°	42.9	43.6	47.6	46.0	45.2	41.4	42.1	41.4	40.5	39.8	39.8
100°	39.8	39.8	39.8	40.5	39.8	38.2	38.2	38.2	38.2	38.2	39.8
102.5°	32.7	32.0	32.7	33.6	32.7	32.0	32.7	32.0	32.7	31.2	32.0
105°	28.1	26.5	26.5	27.3	27.3	27.3	26.5	27.3	27.3	27.3	27.3
107.5°	21.8	22.7	23.4	23.4	24.2	23.4	23.4	24.9	24.2	23.4	23.4
110°	22.7	22.7	22.7	23.4	23.4	24.2	23.4	22.7	22.7	22.7	22.7



REPORT NUMBER: P210493
CATALOG NUMBER: CRTK-X-A08-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°	18.0	18.0	18.0	17.1	18.7	18.7	19.5	18.0	18.0	18.0	18.0	0°
115°	16.4	18.0	15.6	16.4	16.4	17.1	15.6	15.6	15.6	14.9	15.6	2.5°
117.5°	13.3	13.3	13.3	13.3	13.3	14.0	14.0	14.0	14.0	13.3	13.3	5°
120°	10.9	11.7	11.7	11.7	12.5	13.3	12.5	12.5	11.7	10.9	9.4	7.5°
122.5°	10.9	10.9	10.9	10.2	10.9	11.7	10.9	11.7	10.9	10.2	9.4	10°
125°	10.9	10.9	10.2	10.2	10.9	10.2	10.2	10.2	9.4	9.4	7.0	12.5°
127.5°	9.4	10.2	9.4	10.9	10.9	10.2	10.9	9.4	9.4	10.2	8.6	15°
130°	9.4	10.2	9.4	10.9	10.2	9.4	9.4	9.4	8.6	8.6	7.8	17.5°
132.5°	8.6	7.8	8.6	8.6	8.6	7.8	8.6	7.8	7.0	6.2	7.0	20°
135°	9.4	9.4	9.4	10.2	10.2	8.6	9.4	9.4	8.6	7.8	6.2	22.5°
137.5°	6.2	7.0	7.8	8.6	8.6	6.2	7.8	7.0	7.0	6.2	4.7	25°
140°	7.8	8.6	7.8	7.8	7.0	7.8	7.0	7.0	6.2	6.2	6.2	27.5°
142.5°	7.8	7.8	7.8	8.6	8.6	7.8	7.8	7.0	7.0	6.2	6.2	30°
145°	7.8	7.0	7.0	7.0	7.0	7.0	7.0	7.0	5.5	6.2	5.5	32.5°
147.5°	6.2	5.5	5.5	7.0	6.2	5.5	5.5	4.7	4.7	4.7	3.9	35°
150°	6.2	6.2	6.2	5.5	5.5	6.2	6.2	4.7	4.7	4.7	3.9	37.5°
152.5°	3.9	4.7	4.7	3.9	4.7	3.9	3.9	3.9	3.1	3.1	2.3	40°
155°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.1	3.9	2.3	3.1	42.5°
157.5°	3.1	3.9	3.1	4.7	3.1	3.1	3.1	2.3	3.1	2.3	2.3	45°
160°	2.3	1.6	1.6	2.3	1.6	1.6	1.6	0.8	1.6	1.6	0.8	47.5°
162.5°	2.3	2.3	2.3	2.3	2.3	3.1	1.6	2.3	2.3	3.1	3.1	50°
165°	3.1	2.3	2.3	2.3	1.6	3.1	2.3	3.1	2.3	1.6	1.6	52.5°
167.5°	3.1	2.3	1.6	1.6	2.3	2.3	3.1	1.6	1.6	1.6	2.3	55°
170°	0.8	0.8	1.6	0.0	0.0	0.8	0.8	0.0	0.8	0.8	0.8	57.5°
172.5°	0.0	1.6	0.8	1.6	1.6	0.8	0.8	0.8	0.8	0.0	0.0	60°
175°	0.8	1.6	0.8	1.6	1.6	1.6	2.3	0.8	1.6	0.8	1.6	62.5°
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	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: P210493

NUMBER: CRTK-X-A08-E-120-5-SR-3000

REPORT NUMBER: P

CATALOG NUMBER:

DISTRIBUTION (continued):

165°	170°	175°	180°
350.2	350.2	350.2	350.2
349.4	350.9	349.4	349.4
352.5	352.5	351.8	350.9
358.8	358.8	359.6	360.3
370.5	370.5	370.5	370.5
380.6	379.8	379.8	381.4
398.5	397.0	396.2	395.4
418.1	414.1	414.1	412.6
433.7	432.9	432.9	431.3
420.4	420.4	414.9	414.1
382.2	385.3	382.9	384.5
361.9	368.1	393.1	407.9
400.9	395.4	366.6	344.7
407.2	384.5	382.2	383.8
429.0	431.3	434.4	432.9
418.8	457.9	484.4	484.4
479.7	474.2	476.6	496.0
547.5	510.1	458.6	450.8
529.6	534.2	543.6	541.3
541.3	583.4	621.6	631.7
556.9	536.6	519.5	506.2
652.0	647.3	649.7	641.1
758.9	763.6	772.1	769.8
847.8	861.1	875.1	884.5
936.7	940.6	934.3	932.0
962.5	973.4	992.8	992.1
967.9	979.6	1005.3	1003.0
961.7	957.8	960.9	953.1
904.7	897.8	898.5	900.0
755.8	758.1	760.5	760.5
588.9	601.4	612.3	614.6
464.1	465.7	463.3	467.2
366.6	365.0	359.6	364.2
260.5	265.9	267.5	269.9
184.0	187.2	187.2	188.7
111.5	117.0	118.6	120.1
71.8	72.5	74.9	74.9
54.6	56.9	55.4	53.8
42.9	42.9	43.6	42.1
39.8	40.5	40.5	39.8
38.2	39.8	39.0	38.2
33.6	33.6	33.6	34.3
25.8	26.5	26.5	27.3
24.2	21.8	21.1	22.7
22.7	20.3	18.0	18.0

CANDELA DISTRIBUTION:

	165°
112.5°	15.6
115°	13.3
117.5°	10.2
120°	8.6
122.5°	7.8
125°	7.0
127.5°	6.2
130°	6.2
132.5°	3.9
135°	5.5
137.5°	3.1
140°	3.9
142.5°	5.5
145°	4.7
147.5°	3.1
150°	3.1
152.5°	2.3
155°	1.6
157.5°	1.6
160°	1.6
162.5°	1.6
165°	1.6
167.5°	1.6
170°	0.0
172.5°	0.0
175°	0.8
177.5°	0.0
180°	0.8



'210493

CRTK-X-A08-E-120-5-SR-3000

TION (continued):

170°	175°	180°
14.0	12.5	12.5
11.7	10.2	10.9
8.6	8.6	8.6
7.8	6.2	5.5
5.5	4.7	5.5
6.2	4.7	3.9
6.2	4.7	4.7
6.2	4.7	3.1
3.1	2.3	2.3
4.7	3.1	4.7
2.3	1.6	2.3
3.1	3.1	2.3
3.9	3.9	3.9
4.7	3.1	3.9
2.3	3.1	2.3
3.1	2.3	2.3
2.3	1.6	1.6
1.6	2.3	3.1
2.3	1.6	0.8
0.8	0.8	0.0
1.6	0.8	1.6
1.6	1.6	2.3
1.6	0.8	0.8
0.8	0.0	0.0
1.6	0.0	0.8
0.8	0.8	1.6
0.0	0.0	0.0
0.8	0.8	0.8

(END OF REPORT)