

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: P14229

Luminaire Tested: **CRTK-X-A08-E-120-5-5000-SR**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: 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-120-5-5000-SR  
Description: STREETWORKS CARETAKER, TYPE 5, 8 LED WITH SMALL REFRACTOR  
Light Source: [8]5000K LEDS  
Ballast/Driver: [1]ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4811.8 lumens  
Efficiency: N/A  
Efficacy: 98.2 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

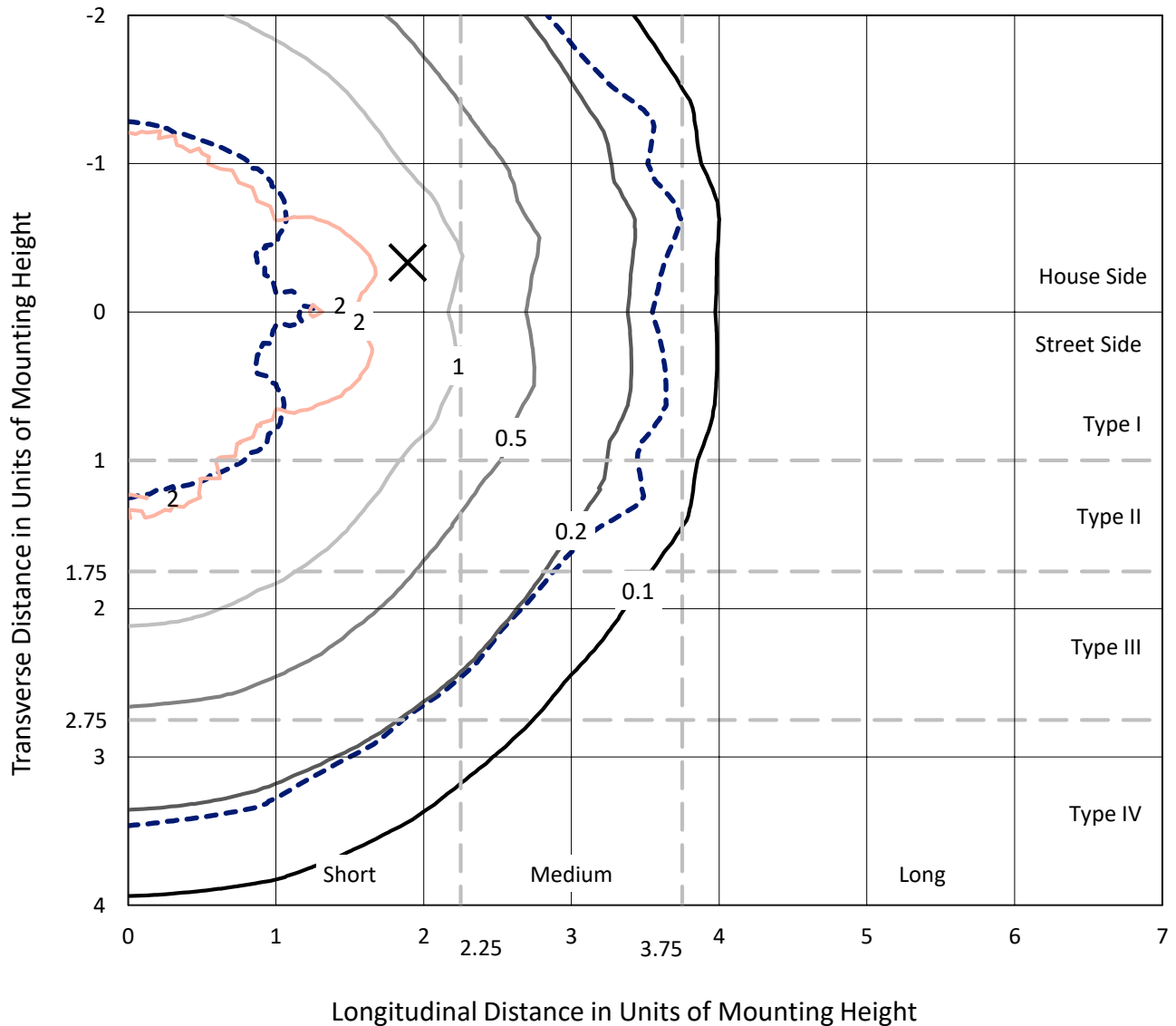
Input Watts (W): 49  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



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### Iso-Footcandle Lines of Horizontal Illumination

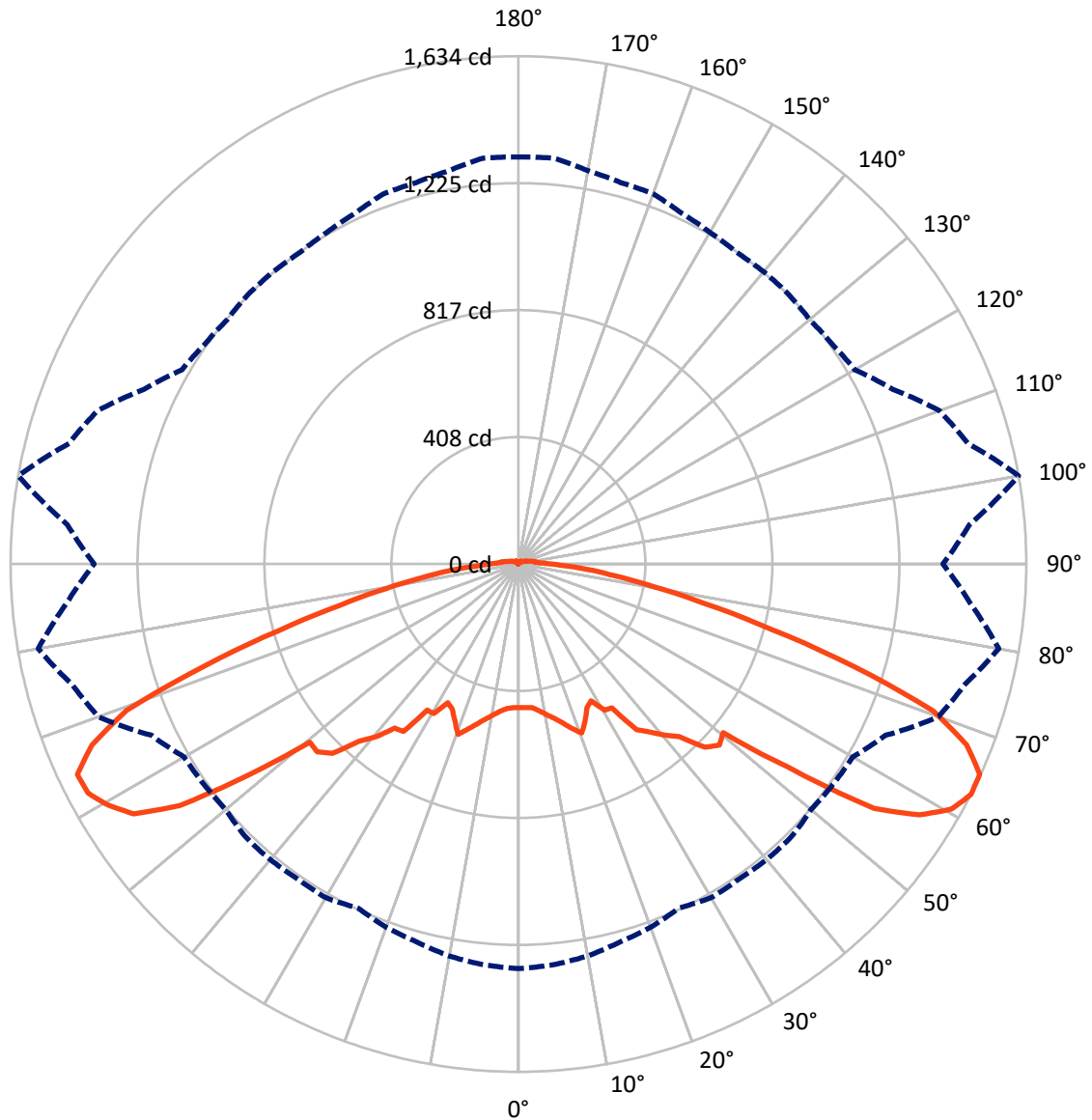
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 4.9 fc  
 Type V - Short - Semi-Cutoff

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### Luminous Intensity Polar Plot



— Vertical Plane Through 100-Deg Lateral    - - - Horizontal Cone Through 62.5-Deg Vertical

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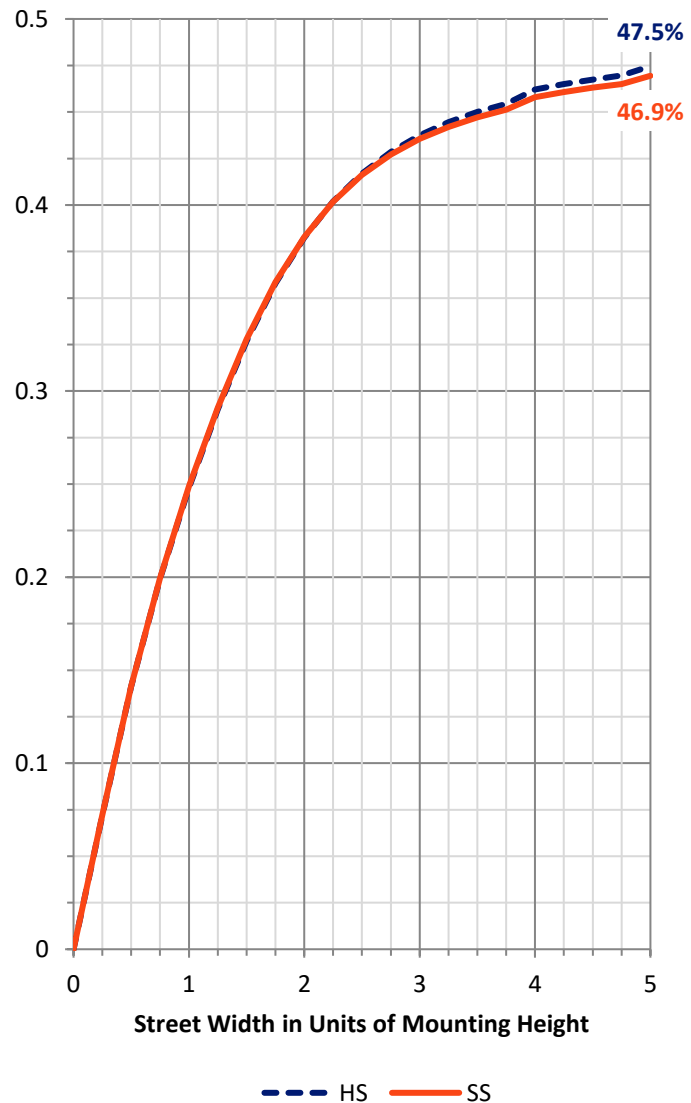
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	2339.3	78.6	2417.9
	% Fixture	48.6	1.6	50.3
<b>Street Side</b>	Lumens	2315.2	78.6	2393.9
	% Fixture	48.1	1.6	49.7
<b>Total</b>	Lumens	4654.6	157.2	4811.8
	% Fixture	96.7	3.3	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	45.4	0.9
10°-20°	152.5	3.2
20°-30°	241.8	5.0
30°-40°	369.0	7.7
40°-50°	572.7	11.9
50°-60°	940.7	19.6
60°-70°	1264.5	26.3
70°-80°	806.1	16.8
80°-90°	261.8	5.4
90°-100°	70.0	1.5
100°-110°	38.2	0.8
110°-120°	20.4	0.4
120°-130°	11.7	0.2
130°-140°	8.1	0.2
140°-150°	5.6	0.1
150°-160°	2.3	0.0
160°-170°	0.9	0.0
170°-180°	0.1	0.0
0°-90°	4654.6	96.7
0°-180°	4811.8	100.0



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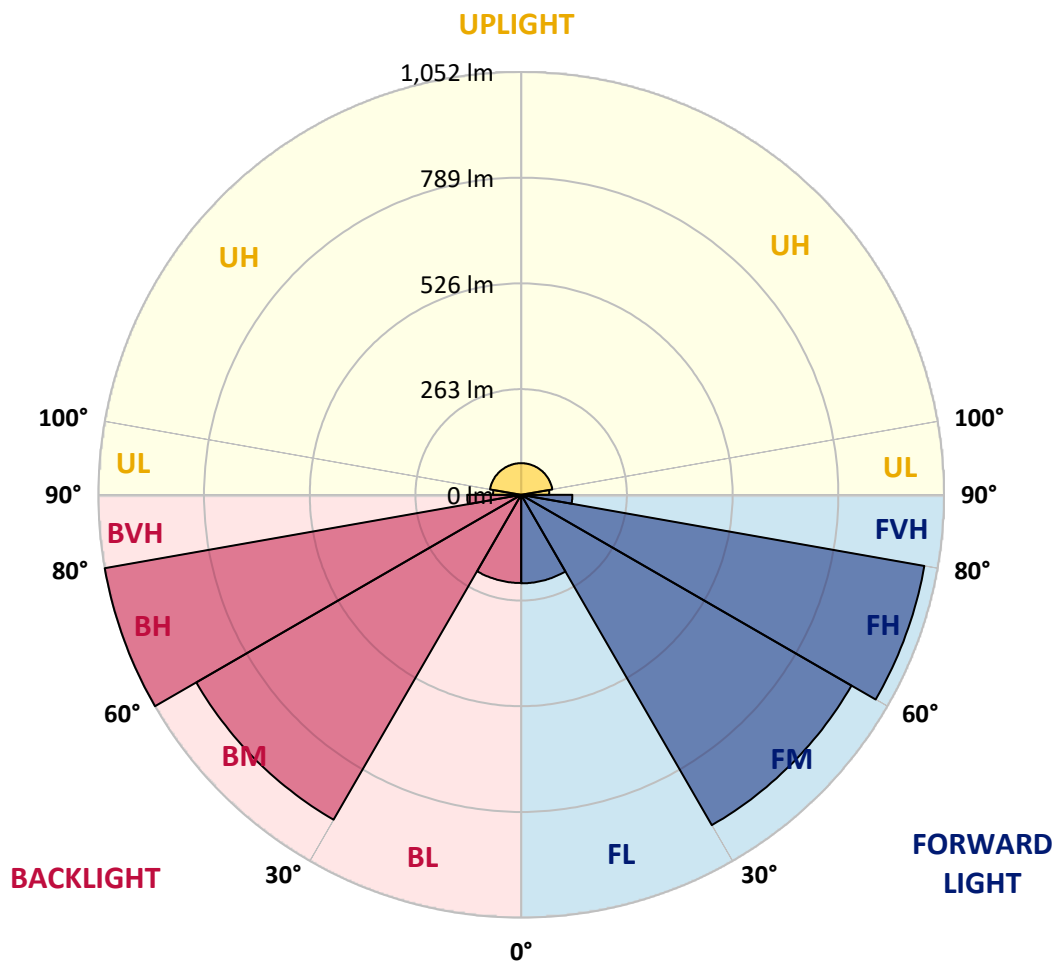
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	220.2	4.6			
FM (30°-60°)	949.1	19.7			
FH (60°-80°)	1018.5	21.2			G1/1800
FVH (80°-90°)	127.4	2.6			G2/225
BL (0°-30°)	219.5	4.6	B1/500		
BM (30°-60°)	933.4	19.4	B1/1000		
BH (60°-80°)	1052.0	21.9	B3/2500		G1/1800
BVH (80°-90°)	134.4	2.8			G2/225
UL (90°-100°)	70.0	1.5		U3/500	
UH (100°-180°)	78.6	1.6		U3/500	

**BUG Rating: B3-U3-G2**

Type V Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	462.2	462.2	462.2	462.2	462.2	462.2	462.2	462.2	462.2	462.2	462.2
2.5°	462.2	463.2	462.2	461.2	462.2	461.2	462.2	462.2	462.2	462.2	462.2
5°	470.4	470.4	469.4	468.4	472.5	469.4	469.4	469.4	467.4	467.4	467.4
7.5°	482.8	481.8	480.7	479.7	481.8	480.7	479.7	479.7	478.7	477.6	477.6
10°	498.2	497.2	496.2	496.2	498.2	497.2	496.2	495.1	495.1	493.1	495.1
12.5°	510.6	511.6	511.6	514.7	514.7	513.7	512.6	511.6	513.7	509.6	509.6
15°	532.2	533.2	534.3	536.3	540.4	540.4	536.3	533.2	533.2	532.2	533.2
17.5°	554.9	559.0	559.0	561.0	564.1	562.1	564.1	562.1	556.9	556.9	556.9
20°	588.8	587.8	585.7	584.7	584.7	583.7	584.7	586.8	588.8	590.9	587.8
22.5°	516.8	518.8	529.1	542.5	551.8	550.7	545.6	535.3	525.0	521.9	522.9
25°	516.8	514.7	510.6	495.1	468.4	465.3	489.0	509.6	514.7	510.6	511.6
27.5°	533.2	510.6	492.1	490.0	490.0	491.0	493.1	494.1	509.6	536.3	518.8
30°	465.3	477.6	522.9	545.6	543.5	543.5	543.5	530.1	480.7	467.4	477.6
32.5°	532.2	528.1	526.0	532.2	582.6	584.7	539.4	526.0	525.0	521.9	516.8
35°	597.1	598.1	597.1	581.6	521.9	518.8	578.5	596.0	588.8	585.7	584.7
37.5°	668.1	660.9	600.1	579.6	578.5	578.5	573.4	588.8	654.7	664.0	654.7
40°	606.3	650.6	670.1	668.1	659.9	661.9	661.9	651.6	640.3	605.3	642.4
42.5°	643.4	641.3	664.0	738.1	760.7	763.8	739.1	662.9	632.1	623.8	627.9
45°	766.9	769.0	756.6	731.9	675.3	677.4	721.6	743.2	749.4	745.3	743.2
47.5°	766.9	753.5	745.3	743.2	739.1	729.9	714.4	720.6	749.4	772.1	760.7
50°	718.5	724.7	742.2	756.6	754.6	735.0	726.8	706.2	689.7	681.5	689.7
52.5°	888.4	896.6	899.7	907.9	901.8	895.6	883.2	872.9	850.3	831.8	848.2
55°	1060.3	1053.1	1039.7	1038.7	1019.1	1009.9	1011.9	1021.2	1004.7	993.4	1000.6
57.5°	1165.3	1175.6	1167.4	1156.0	1140.6	1122.1	1117.9	1124.1	1116.9	1120.0	1115.9
60°	1231.2	1240.4	1248.7	1240.4	1222.9	1204.4	1215.7	1206.5	1180.7	1169.4	1167.4
62.5°	1301.2	1294.0	1280.6	1259.0	1243.5	1220.9	1239.4	1237.4	1241.5	1241.5	1229.1
65°	1282.6	1273.4	1274.4	1264.1	1236.3	1214.7	1239.4	1229.1	1240.4	1235.3	1221.9
67.5°	1216.8	1208.5	1220.9	1237.4	1225.0	1215.7	1215.7	1182.8	1174.6	1163.2	1152.9
70°	1125.1	1110.7	1116.9	1131.3	1111.8	1103.5	1098.4	1066.5	1065.4	1059.3	1044.9
72.5°	939.9	925.4	917.2	909.0	879.1	869.9	870.9	861.6	875.0	881.2	869.9
75°	712.4	708.2	717.5	729.9	721.6	711.3	710.3	687.6	680.4	676.3	665.0
77.5°	570.3	564.1	564.1	570.3	555.9	547.6	541.5	525.0	524.0	528.1	514.7
80°	434.4	433.4	436.5	445.7	437.5	432.4	427.2	417.9	411.8	407.6	410.7
82.5°	322.2	320.1	318.1	319.1	316.0	314.0	311.9	306.8	308.8	310.9	314.0
85°	230.6	229.6	228.5	225.4	219.3	217.2	219.3	221.3	222.4	224.4	226.5
87.5°	139.0	140.0	136.9	135.9	131.8	130.7	134.9	136.9	137.9	140.0	141.0
90°	92.6	91.6	91.6	90.6	90.6	90.6	89.6	90.6	89.6	91.6	92.6
92.5°	69.0	71.0	70.0	71.0	71.0	70.0	67.9	69.0	69.0	70.0	70.0
95°	54.6	54.6	54.6	54.6	55.6	55.6	55.6	56.6	57.6	58.7	57.6
97.5°	51.5	51.5	52.5	50.4	52.5	51.5	52.5	53.5	54.6	55.6	58.7
100°	47.4	48.4	47.4	48.4	47.4	48.4	47.4	46.3	47.4	48.4	49.4
102.5°	41.2	39.1	38.1	39.1	39.1	39.1	39.1	39.1	38.1	41.2	39.1
105°	32.9	32.9	32.9	31.9	32.9	32.9	32.9	32.9	32.9	34.0	35.0
107.5°	29.9	27.8	27.8	28.8	28.8	29.9	28.8	28.8	29.9	29.9	30.9
110°	27.8	26.8	25.7	26.8	26.8	27.8	28.8	29.9	30.9	29.9	29.9



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	21.6	21.6	21.6	20.6	21.6	21.6	22.6	22.6	23.7	24.7	23.7
115°	18.5	18.5	16.5	18.5	18.5	19.6	18.5	19.6	22.6	19.6	21.6
117.5°	14.4	14.4	15.4	15.4	16.5	17.5	17.5	17.5	17.5	17.5	17.5
120°	14.4	13.4	14.4	15.4	14.4	14.4	16.5	17.5	16.5	17.5	14.4
122.5°	12.4	12.4	11.3	12.4	13.4	13.4	13.4	13.4	14.4	14.4	13.4
125°	12.4	11.3	12.4	12.4	12.4	11.3	13.4	12.4	12.4	12.4	13.4
127.5°	14.4	13.4	12.4	13.4	13.4	13.4	13.4	14.4	13.4	13.4	14.4
130°	11.3	12.4	11.3	11.3	12.4	13.4	11.3	12.4	12.4	13.4	14.4
132.5°	11.3	10.3	10.3	10.3	10.3	11.3	10.3	11.3	12.4	11.3	11.3
135°	11.3	11.3	12.4	12.4	12.4	12.4	13.4	12.4	13.4	13.4	12.4
137.5°	10.3	9.3	8.2	10.3	9.3	9.3	10.3	11.3	9.3	10.3	10.3
140°	10.3	10.3	10.3	9.3	10.3	11.3	10.3	10.3	9.3	11.3	11.3
142.5°	11.3	11.3	10.3	10.3	11.3	10.3	10.3	10.3	11.3	12.4	10.3
145°	9.3	10.3	10.3	10.3	10.3	9.3	10.3	10.3	9.3	10.3	10.3
147.5°	8.2	9.3	9.3	9.3	10.3	10.3	7.2	9.3	8.2	8.2	8.2
150°	8.2	8.2	8.2	8.2	9.3	7.2	7.2	7.2	9.3	8.2	9.3
152.5°	7.2	6.2	5.1	5.1	7.2	6.2	6.2	6.2	5.1	5.1	6.2
155°	6.2	6.2	5.1	5.1	6.2	6.2	5.1	5.1	5.1	6.2	5.1
157.5°	5.1	5.1	5.1	5.1	6.2	5.1	6.2	5.1	4.1	5.1	6.2
160°	3.1	3.1	2.1	3.1	4.1	3.1	3.1	3.1	2.1	3.1	3.1
162.5°	4.1	4.1	4.1	4.1	6.2	4.1	5.1	4.1	4.1	4.1	4.1
165°	3.1	4.1	4.1	4.1	5.1	5.1	3.1	4.1	5.1	4.1	4.1
167.5°	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	4.1	2.1	4.1
170°	0.0	1.0	0.0	1.0	2.1	1.0	1.0	2.1	0.0	1.0	1.0
172.5°	1.0	2.1	1.0	1.0	1.0	1.0	2.1	1.0	1.0	1.0	2.1
175°	3.1	1.0	2.1	1.0	2.1	2.1	2.1	1.0	1.0	2.1	1.0
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°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0





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**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	462.2	462.2	462.2	462.2	462.2	462.2	462.2	462.2	462.2	462.2	462.2
2.5°	461.2	461.2	462.2	463.2	461.2	462.2	464.3	462.2	463.2	462.2	462.2
5°	466.3	464.3	466.3	466.3	465.3	466.3	467.4	467.4	466.3	464.3	466.3
7.5°	477.6	477.6	477.6	476.6	476.6	476.6	475.6	476.6	475.6	476.6	477.6
10°	495.1	495.1	495.1	492.1	493.1	492.1	493.1	491.0	491.0	492.1	492.1
12.5°	510.6	511.6	512.6	511.6	510.6	509.6	507.5	510.6	506.5	508.5	507.5
15°	532.2	535.3	538.4	541.5	535.3	531.2	529.1	530.1	528.1	530.1	531.2
17.5°	559.0	561.0	562.1	564.1	561.0	554.9	553.8	551.8	552.8	555.9	557.9
20°	587.8	584.7	582.6	581.6	582.6	581.6	582.6	580.6	581.6	580.6	578.5
22.5°	537.4	549.7	551.8	553.8	556.9	544.6	534.3	530.1	534.3	548.7	555.9
25°	510.6	501.3	480.7	474.6	497.2	512.6	511.6	513.7	510.6	511.6	506.5
27.5°	493.1	491.0	494.1	496.2	497.2	500.3	514.7	539.4	521.9	498.2	496.2
30°	519.9	544.6	549.7	554.9	556.9	552.8	501.3	464.3	483.8	545.6	559.0
32.5°	519.9	536.3	590.9	612.5	595.0	553.8	541.5	535.3	538.4	551.8	585.7
35°	592.9	583.7	544.6	577.5	650.6	653.7	631.0	612.5	621.8	653.7	651.6
37.5°	602.2	585.7	601.2	612.5	632.1	660.9	716.5	680.4	692.8	685.6	630.0
40°	664.0	693.8	718.5	700.0	712.4	719.6	700.0	657.8	674.3	723.7	713.4
42.5°	668.1	783.4	866.8	826.6	811.2	766.9	683.5	651.6	666.0	758.7	804.0
45°	753.5	779.3	801.9	793.7	829.7	854.4	805.0	776.2	785.4	841.0	821.5
47.5°	760.7	767.9	824.6	862.6	882.2	885.3	844.1	829.7	837.9	869.9	857.5
50°	718.5	765.9	841.0	954.3	920.3	882.2	750.4	702.1	722.6	853.4	918.2
52.5°	851.3	893.5	976.9	1120.0	1133.4	1101.5	962.5	878.1	926.5	1087.1	1138.5
55°	992.4	1016.0	1067.5	1195.1	1269.3	1338.2	1209.6	1101.5	1185.9	1387.6	1268.2
57.5°	1104.6	1122.1	1179.7	1295.0	1361.9	1475.1	1345.4	1265.1	1330.0	1522.5	1361.9
60°	1196.2	1216.8	1280.6	1400.0	1463.8	1529.7	1391.8	1296.0	1386.6	1600.7	1469.0
62.5°	1235.3	1241.5	1303.2	1437.1	1488.5	1568.8	1459.7	1365.0	1456.6	1633.7	1496.8
65°	1233.2	1224.0	1281.6	1428.8	1463.8	1571.9	1464.9	1365.0	1462.8	1630.6	1482.4
67.5°	1168.4	1182.8	1241.5	1384.6	1371.2	1490.6	1381.5	1283.7	1377.4	1555.4	1405.1
70°	1058.2	1075.7	1115.9	1232.2	1191.0	1345.4	1251.8	1160.1	1239.4	1415.4	1229.1
72.5°	878.1	885.3	913.1	988.2	941.9	1063.4	1017.1	964.6	1010.9	1130.3	979.0
75°	687.6	706.2	741.2	809.1	759.7	797.8	779.3	748.4	775.1	841.0	780.3
77.5°	528.1	532.2	554.9	599.1	561.0	586.8	577.5	574.4	574.4	611.5	570.3
80°	428.2	430.3	437.5	451.9	426.2	432.4	411.8	425.1	409.7	439.6	433.4
82.5°	321.2	321.2	324.3	327.4	305.7	308.8	305.7	318.1	306.8	310.9	308.8
85°	230.6	223.4	226.5	223.4	215.1	220.3	212.1	210.0	213.1	223.4	220.3
87.5°	142.1	142.1	141.0	139.0	135.9	139.0	140.0	137.9	141.0	142.1	137.9
90°	95.7	95.7	95.7	94.7	93.7	93.7	93.7	92.6	94.7	94.7	94.7
92.5°	72.1	72.1	73.1	74.1	72.1	73.1	71.0	70.0	71.0	71.0	74.1
95°	60.7	61.8	59.7	58.7	57.6	57.6	56.6	54.6	57.6	56.6	57.6
97.5°	58.7	58.7	57.6	55.6	54.6	54.6	52.5	54.6	53.5	52.5	53.5
100°	50.4	50.4	51.5	49.4	48.4	46.3	45.3	46.3	45.3	47.4	49.4
102.5°	39.1	39.1	39.1	41.2	39.1	38.1	41.2	40.1	40.1	39.1	40.1
105°	35.0	34.0	35.0	35.0	32.9	34.0	32.9	32.9	34.0	32.9	32.9
107.5°	29.9	29.9	29.9	30.9	28.8	27.8	27.8	28.8	28.8	29.9	27.8
110°	28.8	28.8	28.8	27.8	27.8	26.8	29.9	31.9	29.9	27.8	27.8



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CATALOG NUMBER: CRTK-X-A08-E-120-5-5000-SR

**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	23.7	23.7	23.7	22.6	22.6	23.7	25.7	26.8	25.7	23.7	22.6
115°	20.6	20.6	22.6	19.6	20.6	21.6	20.6	24.7	22.6	19.6	19.6
117.5°	17.5	17.5	17.5	17.5	17.5	18.5	17.5	19.6	17.5	16.5	17.5
120°	15.4	13.4	14.4	13.4	14.4	14.4	15.4	17.5	16.5	16.5	15.4
122.5°	13.4	13.4	14.4	13.4	14.4	13.4	14.4	16.5	15.4	13.4	13.4
125°	12.4	12.4	13.4	12.4	13.4	13.4	14.4	14.4	14.4	12.4	12.4
127.5°	13.4	14.4	14.4	12.4	13.4	13.4	14.4	15.4	15.4	13.4	13.4
130°	12.4	13.4	12.4	13.4	12.4	13.4	13.4	13.4	13.4	13.4	13.4
132.5°	11.3	12.4	12.4	11.3	9.3	10.3	11.3	12.4	10.3	10.3	10.3
135°	15.4	13.4	12.4	12.4	12.4	13.4	12.4	12.4	12.4	11.3	13.4
137.5°	10.3	10.3	10.3	9.3	10.3	10.3	10.3	10.3	9.3	8.2	11.3
140°	10.3	11.3	11.3	10.3	10.3	10.3	9.3	9.3	9.3	10.3	9.3
142.5°	11.3	11.3	9.3	11.3	11.3	11.3	11.3	10.3	10.3	11.3	11.3
145°	11.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	10.3	9.3	10.3
147.5°	9.3	9.3	8.2	7.2	8.2	8.2	7.2	8.2	8.2	8.2	8.2
150°	8.2	8.2	7.2	8.2	7.2	8.2	8.2	8.2	8.2	8.2	7.2
152.5°	5.1	6.2	6.2	5.1	5.1	5.1	4.1	6.2	4.1	5.1	5.1
155°	5.1	6.2	4.1	5.1	6.2	4.1	5.1	4.1	6.2	5.1	6.2
157.5°	5.1	6.2	5.1	4.1	4.1	5.1	5.1	6.2	5.1	5.1	4.1
160°	3.1	4.1	3.1	4.1	2.1	3.1	4.1	2.1	3.1	4.1	3.1
162.5°	4.1	3.1	4.1	3.1	3.1	5.1	4.1	3.1	5.1	4.1	4.1
165°	4.1	3.1	4.1	4.1	4.1	3.1	4.1	5.1	4.1	3.1	4.1
167.5°	5.1	3.1	4.1	4.1	4.1	2.1	4.1	4.1	4.1	4.1	4.1
170°	1.0	1.0	1.0	1.0	1.0	1.0	2.1	0.0	2.1	1.0	1.0
172.5°	2.1	1.0	1.0	1.0	2.1	2.1	2.1	1.0	2.1	2.1	2.1
175°	2.1	1.0	2.1	1.0	2.1	2.1	2.1	2.1	2.1	2.1	2.1
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°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



REPORT NUMBER: P14229

CATALOG NUMBER: CRTK-X-A08-E-120-5-5000-SR

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	462.2	462.2	462.2	462.2	462.2	462.2	462.2	462.2	462.2	462.2	462.2
2.5°	463.2	462.2	463.2	464.3	474.6	464.3	464.3	462.2	462.2	463.2	462.2
5°	470.4	469.4	465.3	466.3	465.3	466.3	467.4	464.3	464.3	465.3	465.3
7.5°	476.6	474.6	476.6	476.6	476.6	476.6	476.6	475.6	475.6	475.6	474.6
10°	492.1	491.0	491.0	492.1	491.0	491.0	490.0	489.0	489.0	489.0	490.0
12.5°	507.5	509.6	510.6	505.4	505.4	508.5	502.4	502.4	504.4	503.4	503.4
15°	536.3	538.4	532.2	528.1	527.1	524.0	525.0	524.0	525.0	530.1	530.1
17.5°	566.2	562.1	555.9	553.8	550.7	549.7	547.6	548.7	548.7	554.9	553.8
20°	579.6	577.5	577.5	578.5	578.5	577.5	577.5	575.4	572.4	571.3	570.3
22.5°	556.9	554.9	557.9	554.9	549.7	546.6	554.9	553.8	557.9	556.9	553.8
25°	487.9	489.0	505.4	512.6	511.6	509.6	507.5	509.6	503.4	494.1	494.1
27.5°	491.0	491.0	490.0	490.0	516.8	542.5	522.9	487.9	479.7	478.7	477.6
30°	548.7	551.8	540.4	528.1	487.9	459.1	481.8	521.9	529.1	532.2	532.2
32.5°	615.6	601.2	547.6	512.6	505.4	508.5	509.6	512.6	539.4	582.6	582.6
35°	623.8	544.6	579.6	580.6	579.6	574.4	573.4	572.4	570.3	527.1	524.0
37.5°	611.5	594.0	574.4	602.2	642.4	639.3	637.2	596.0	546.6	549.7	552.8
40°	682.5	707.2	675.3	652.6	638.2	645.4	617.6	612.5	624.9	629.0	632.1
42.5°	809.1	833.8	781.3	689.7	611.5	594.0	608.4	665.0	719.6	730.9	731.9
45°	823.5	818.4	797.8	720.6	715.4	711.3	708.2	704.1	711.3	720.6	717.5
47.5°	846.2	814.3	753.5	759.7	791.6	813.2	790.6	728.8	686.6	682.5	692.8
50°	928.5	846.2	755.6	687.6	655.7	656.8	655.7	674.3	706.2	723.7	738.1
52.5°	1090.1	979.0	869.9	820.4	808.1	810.1	815.3	825.6	840.0	871.9	871.9
55°	1173.5	1073.7	993.4	966.6	967.6	959.4	973.8	984.1	986.2	989.3	994.4
57.5°	1286.8	1181.8	1096.3	1081.9	1103.5	1110.7	1104.6	1090.1	1091.2	1104.6	1119.0
60°	1387.6	1283.7	1208.5	1181.8	1161.2	1154.0	1170.4	1180.7	1193.1	1198.2	1228.1
62.5°	1441.2	1329.0	1249.7	1232.2	1222.9	1228.1	1227.1	1224.0	1232.2	1244.6	1267.2
65°	1434.0	1306.3	1243.5	1241.5	1239.4	1253.8	1252.8	1245.6	1236.3	1238.4	1264.1
67.5°	1399.0	1274.4	1206.5	1191.0	1179.7	1193.1	1207.5	1220.9	1237.4	1246.6	1267.2
70°	1266.2	1165.3	1116.9	1101.5	1090.1	1107.6	1119.0	1128.2	1156.0	1177.6	1198.2
72.5°	1025.3	959.4	936.8	923.4	912.1	920.3	922.4	928.5	949.1	972.8	988.2
75°	832.8	775.1	744.3	730.9	724.7	732.9	742.2	745.3	753.5	761.8	769.0
77.5°	619.7	587.8	559.0	552.8	543.5	546.6	554.9	562.1	578.5	600.1	613.5
80°	468.4	461.2	454.0	444.7	434.4	427.2	436.5	448.8	460.1	477.6	483.8
82.5°	335.6	334.6	334.6	335.6	331.5	326.3	328.4	330.4	333.5	334.6	338.7
85°	227.5	232.6	232.6	235.7	236.8	234.7	233.7	234.7	233.7	233.7	237.8
87.5°	140.0	144.1	147.2	151.3	152.4	149.3	150.3	147.2	145.1	142.1	144.1
90°	96.8	97.8	98.8	98.8	96.8	96.8	95.7	95.7	94.7	96.8	95.7
92.5°	75.1	73.1	76.2	75.1	74.1	72.1	72.1	71.0	72.1	74.1	74.1
95°	61.8	61.8	61.8	61.8	59.7	58.7	57.6	57.6	57.6	58.7	56.6
97.5°	56.6	57.6	62.8	60.7	59.7	54.6	55.6	54.6	53.5	52.5	52.5
100°	52.5	52.5	52.5	53.5	52.5	50.4	50.4	50.4	50.4	50.4	52.5
102.5°	43.2	42.2	43.2	44.3	43.2	42.2	43.2	42.2	43.2	41.2	42.2
105°	37.1	35.0	35.0	36.0	36.0	36.0	35.0	36.0	36.0	36.0	36.0
107.5°	28.8	29.9	30.9	30.9	31.9	30.9	30.9	32.9	31.9	30.9	30.9
110°	29.9	29.9	29.9	30.9	30.9	31.9	30.9	29.9	29.9	29.9	29.9



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 CATALOG NUMBER: CRTK-X-A08-E-120-5-5000-SR

REPORT N  
 CATALOG

**CANDELA DISTRIBUTION (continued):**

**CANDELA**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°	
112.5°	23.7	23.7	23.7	22.6	24.7	24.7	25.7	23.7	23.7	23.7	23.7	0°
115°	21.6	23.7	20.6	21.6	21.6	22.6	20.6	20.6	20.6	19.6	20.6	2.5°
117.5°	17.5	17.5	17.5	17.5	17.5	18.5	18.5	18.5	18.5	17.5	17.5	5°
120°	14.4	15.4	15.4	15.4	16.5	17.5	16.5	16.5	15.4	14.4	12.4	7.5°
122.5°	14.4	14.4	14.4	13.4	14.4	15.4	14.4	15.4	14.4	13.4	12.4	10°
125°	14.4	14.4	13.4	13.4	14.4	13.4	13.4	13.4	12.4	12.4	9.3	12.5°
127.5°	12.4	13.4	12.4	14.4	14.4	13.4	14.4	12.4	12.4	13.4	11.3	15°
130°	12.4	13.4	12.4	14.4	13.4	12.4	12.4	12.4	11.3	11.3	10.3	17.5°
132.5°	11.3	10.3	11.3	11.3	11.3	10.3	11.3	10.3	9.3	8.2	9.3	20°
135°	12.4	12.4	12.4	13.4	13.4	11.3	12.4	12.4	11.3	10.3	8.2	22.5°
137.5°	8.2	9.3	10.3	11.3	11.3	8.2	10.3	9.3	9.3	8.2	6.2	25°
140°	10.3	11.3	10.3	10.3	9.3	10.3	9.3	9.3	8.2	8.2	8.2	27.5°
142.5°	10.3	10.3	10.3	11.3	11.3	10.3	10.3	9.3	9.3	8.2	8.2	30°
145°	10.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	7.2	8.2	7.2	32.5°
147.5°	8.2	7.2	7.2	9.3	8.2	7.2	7.2	6.2	6.2	6.2	5.1	35°
150°	8.2	8.2	8.2	7.2	7.2	8.2	8.2	6.2	6.2	6.2	5.1	37.5°
152.5°	5.1	6.2	6.2	5.1	6.2	5.1	5.1	5.1	4.1	4.1	3.1	40°
155°	5.1	5.1	5.1	5.1	5.1	5.1	5.1	4.1	5.1	3.1	4.1	42.5°
157.5°	4.1	5.1	4.1	6.2	4.1	4.1	4.1	3.1	4.1	3.1	3.1	45°
160°	3.1	2.1	2.1	3.1	2.1	2.1	2.1	1.0	2.1	2.1	1.0	47.5°
162.5°	3.1	3.1	3.1	3.1	3.1	4.1	2.1	3.1	3.1	4.1	4.1	50°
165°	4.1	3.1	3.1	3.1	2.1	4.1	3.1	4.1	3.1	2.1	2.1	52.5°
167.5°	4.1	3.1	2.1	2.1	3.1	3.1	4.1	2.1	2.1	2.1	3.1	55°
170°	1.0	1.0	2.1	0.0	0.0	1.0	1.0	0.0	1.0	1.0	1.0	57.5°
172.5°	0.0	2.1	1.0	2.1	2.1	1.0	1.0	1.0	1.0	0.0	0.0	60°
175°	1.0	2.1	1.0	2.1	2.1	2.1	3.1	1.0	2.1	1.0	2.1	62.5°
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	65°
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	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°



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CATALOG NUMBER:

**DISTRIBUTION (continued):**

165°	170°	175°	180°
462.2	462.2	462.2	462.2
461.2	463.2	461.2	461.2
465.3	465.3	464.3	463.2
473.5	473.5	474.6	475.6
489.0	489.0	489.0	489.0
502.4	501.3	501.3	503.4
526.0	524.0	522.9	521.9
551.8	546.6	546.6	544.6
572.4	571.3	571.3	569.3
554.9	554.9	547.6	546.6
504.4	508.5	505.4	507.5
477.6	485.9	518.8	538.4
529.1	521.9	483.8	455.0
537.4	507.5	504.4	506.5
566.2	569.3	573.4	571.3
552.8	604.3	639.3	639.3
633.1	625.9	629.0	654.7
722.6	673.2	605.3	595.0
699.0	705.1	717.5	714.4
714.4	770.0	820.4	833.8
735.0	708.2	685.6	668.1
860.6	854.4	857.5	846.2
1001.6	1007.8	1019.1	1016.0
1119.0	1136.5	1155.0	1167.4
1236.3	1241.5	1233.2	1230.1
1270.3	1284.7	1310.4	1309.4
1277.5	1292.9	1326.9	1323.8
1269.3	1264.1	1268.2	1257.9
1194.1	1184.9	1185.9	1187.9
997.5	1000.6	1003.7	1003.7
777.2	793.7	808.1	811.2
612.5	614.6	611.5	616.6
483.8	481.8	474.6	480.7
343.8	351.0	353.1	356.2
242.9	247.1	247.1	249.1
147.2	154.4	156.5	158.5
94.7	95.7	98.8	98.8
72.1	75.1	73.1	71.0
56.6	56.6	57.6	55.6
52.5	53.5	53.5	52.5
50.4	52.5	51.5	50.4
44.3	44.3	44.3	45.3
34.0	35.0	35.0	36.0
31.9	28.8	27.8	29.9
29.9	26.8	23.7	23.7

**CANDELA DISTRIBUTION:**

	165°
112.5°	20.6
115°	17.5
117.5°	13.4
120°	11.3
122.5°	10.3
125°	9.3
127.5°	8.2
130°	8.2
132.5°	5.1
135°	7.2
137.5°	4.1
140°	5.1
142.5°	7.2
145°	6.2
147.5°	4.1
150°	4.1
152.5°	3.1
155°	2.1
157.5°	2.1
160°	2.1
162.5°	2.1
165°	2.1
167.5°	2.1
170°	0.0
172.5°	0.0
175°	1.0
177.5°	0.0
180°	1.0



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CRTK-X-A08-E-120-5-5000-SR

**TION (continued):**

170°	175°	180°
18.5	16.5	16.5
15.4	13.4	14.4
11.3	11.3	11.3
10.3	8.2	7.2
7.2	6.2	7.2
8.2	6.2	5.1
8.2	6.2	6.2
8.2	6.2	4.1
4.1	3.1	3.1
6.2	4.1	6.2
3.1	2.1	3.1
4.1	4.1	3.1
5.1	5.1	5.1
6.2	4.1	5.1
3.1	4.1	3.1
4.1	3.1	3.1
3.1	2.1	2.1
2.1	3.1	4.1
3.1	2.1	1.0
1.0	1.0	0.0
2.1	1.0	2.1
2.1	2.1	3.1
2.1	1.0	1.0
1.0	0.0	0.0
2.1	0.0	1.0
1.0	1.0	2.1
0.0	0.0	0.0
1.0	1.0	1.0

(END OF REPORT)