

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: P691108

Luminaire Tested: **CRTK2-C013-D-U-T2-7030-SR-CARETAKER**

Issue Date: 6/13/2023

Test Information

Test Method: LM-79-08
Report Number: P691108
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-903-5)
Test Lab: INNOVATION CENTER
Issue Date: 6/13/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: CRTK2-C013-D-U-T2-7030-SR-CARETAKER
Description: CARETAKER AREA AND ROADWAY LUMINAIRE
(1) 70 CRI, 3000K LED WITH TYPE II OPTIC AND SR REFRACTOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2884 lumens
Efficiency: N/A
Efficacy: 141.4 lumens/watt
Luminous Opening: Vertical Cylinder (Dia: 0.33' x H: 0.29')
IES Classification: Type I - Short
BUG Rating: B1 - U3 - G1

Input Watts (W): 20.4
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

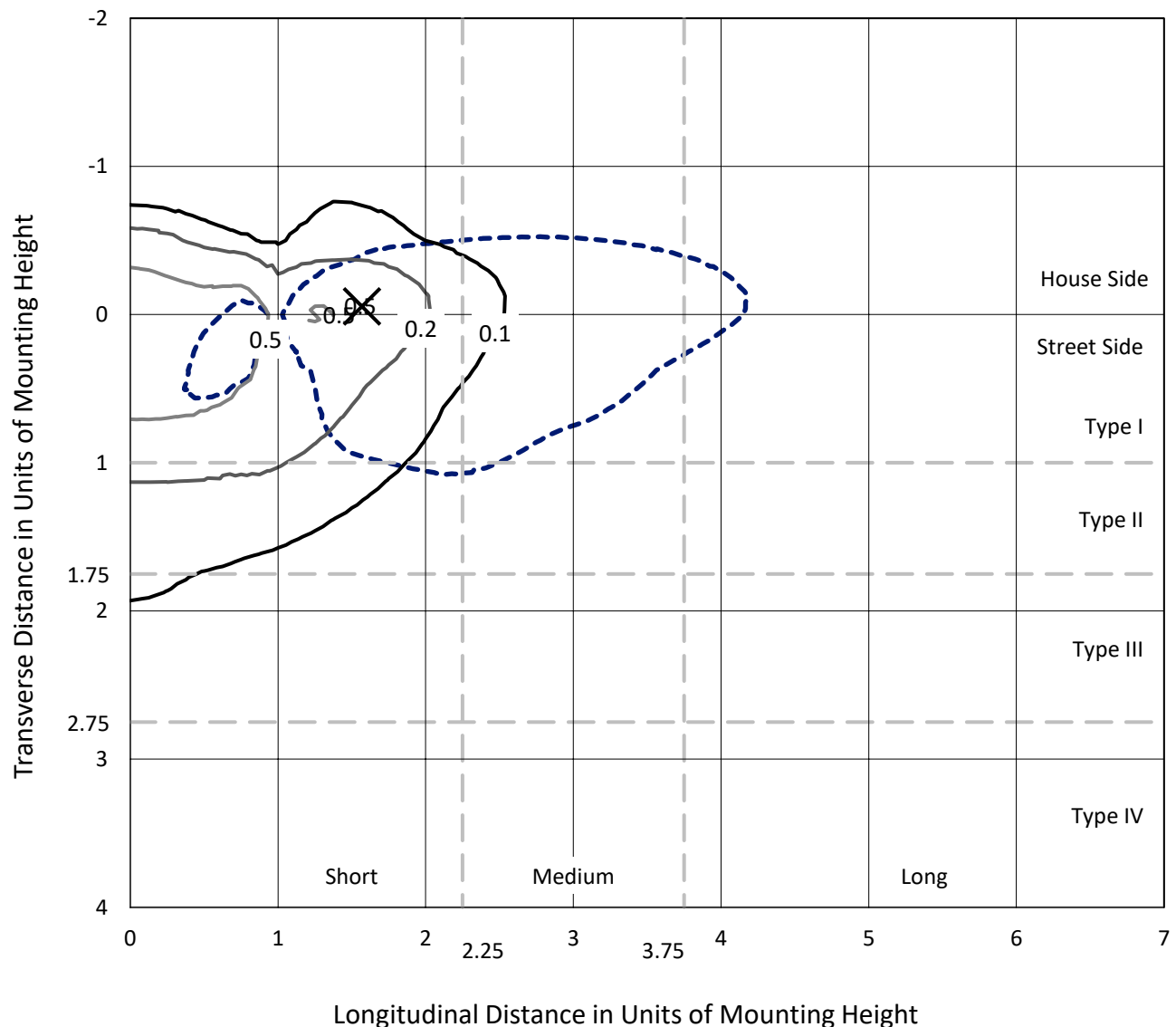


REPORT NUMBER: P691108

CATALOG NUMBER: CRTK2-C013-D-U-T2-7030-SR-CARETAKER

Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

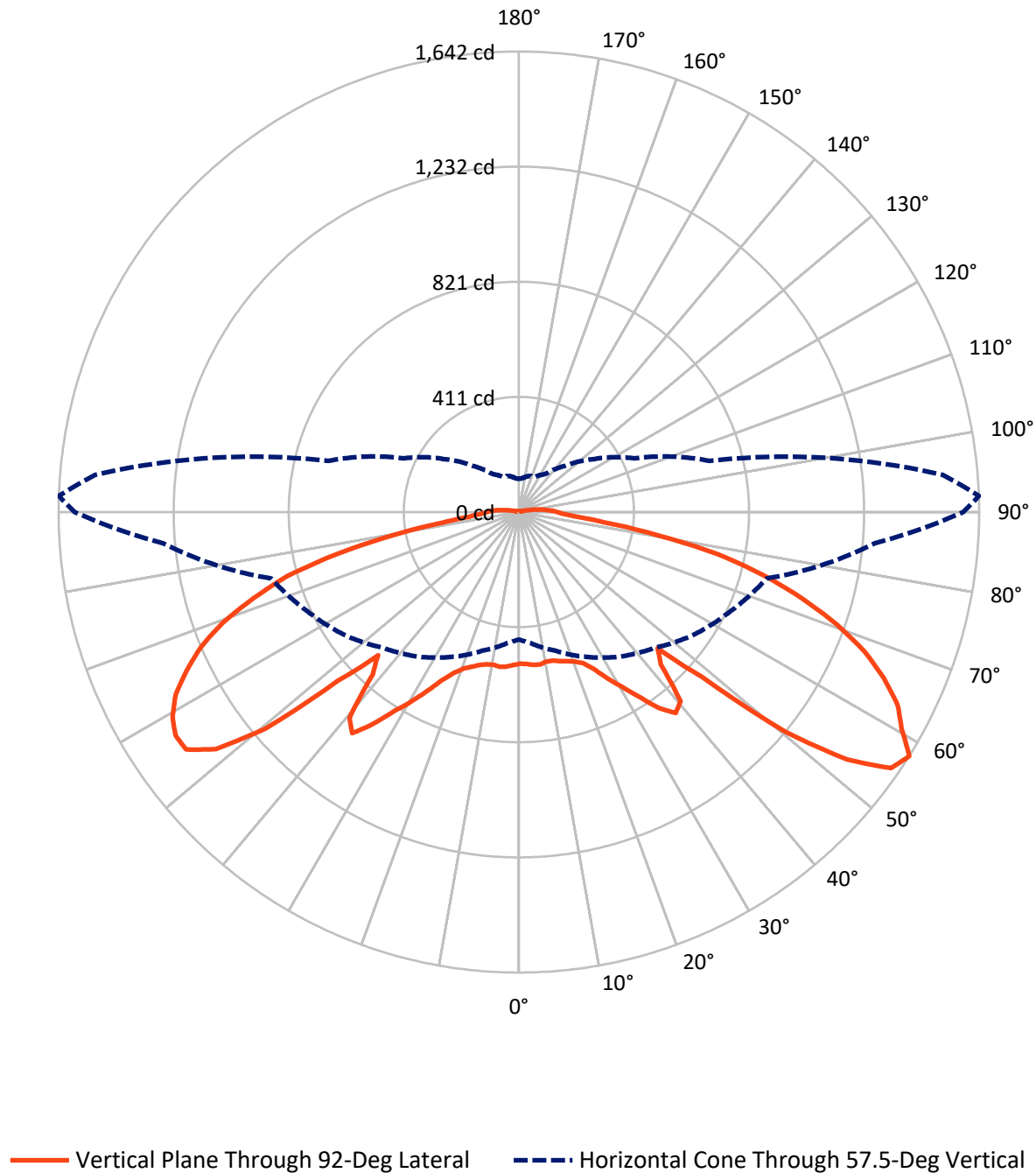


Based on 25 foot mounting height. Maximum calculated value = 1 fc

Type I - Short - N/A

REPORT NUMBER: P691108
CATALOG NUMBER: CRTK2-C013-D-U-T2-7030-SR-CARETAKER

Luminous Intensity Polar Plot



REPORT NUMBER: P691108

CATALOG NUMBER: CRTK2-C013-D-U-T2-7030-SR-CARETAKER

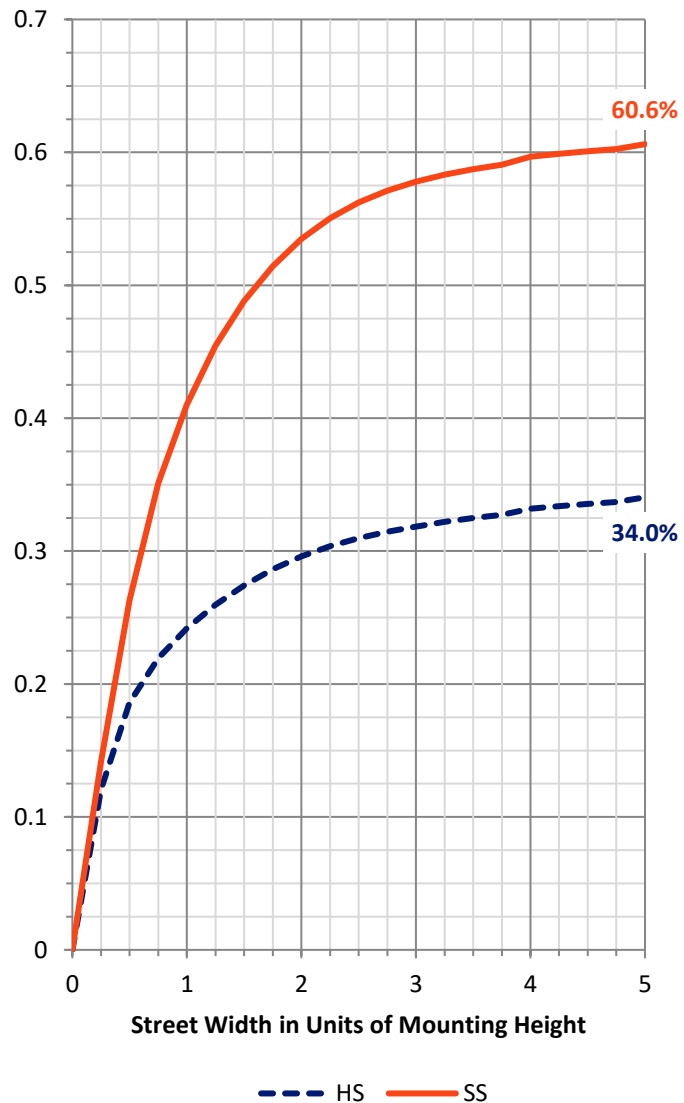
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1029.0	45.0	1074.0
	% Fixture	35.7	1.6	37.2
Street Side	Lumens	1773.3	36.7	1810.0
	% Fixture	61.5	1.3	62.8
Total	Lumens	2802.3	81.7	2884.0
	% Fixture	97.2	2.8	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	51.9	1.8
10°-20°	152.8	5.3
20°-30°	253.5	8.8
30°-40°	350.8	12.2
40°-50°	327.6	11.4
50°-60°	489.5	17.0
60°-70°	581.4	20.2
70°-80°	426.7	14.8
80°-90°	168.2	5.8
90°-100°	59.2	2.1
100°-110°	14.0	0.5
110°-120°	5.4	0.2
120°-130°	2.8	0.1
130°-140°	0.2	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°	2802.3	97.2
0°-180°	2884.0	100.0

Coefficient of Utilization



REPORT NUMBER: P691108

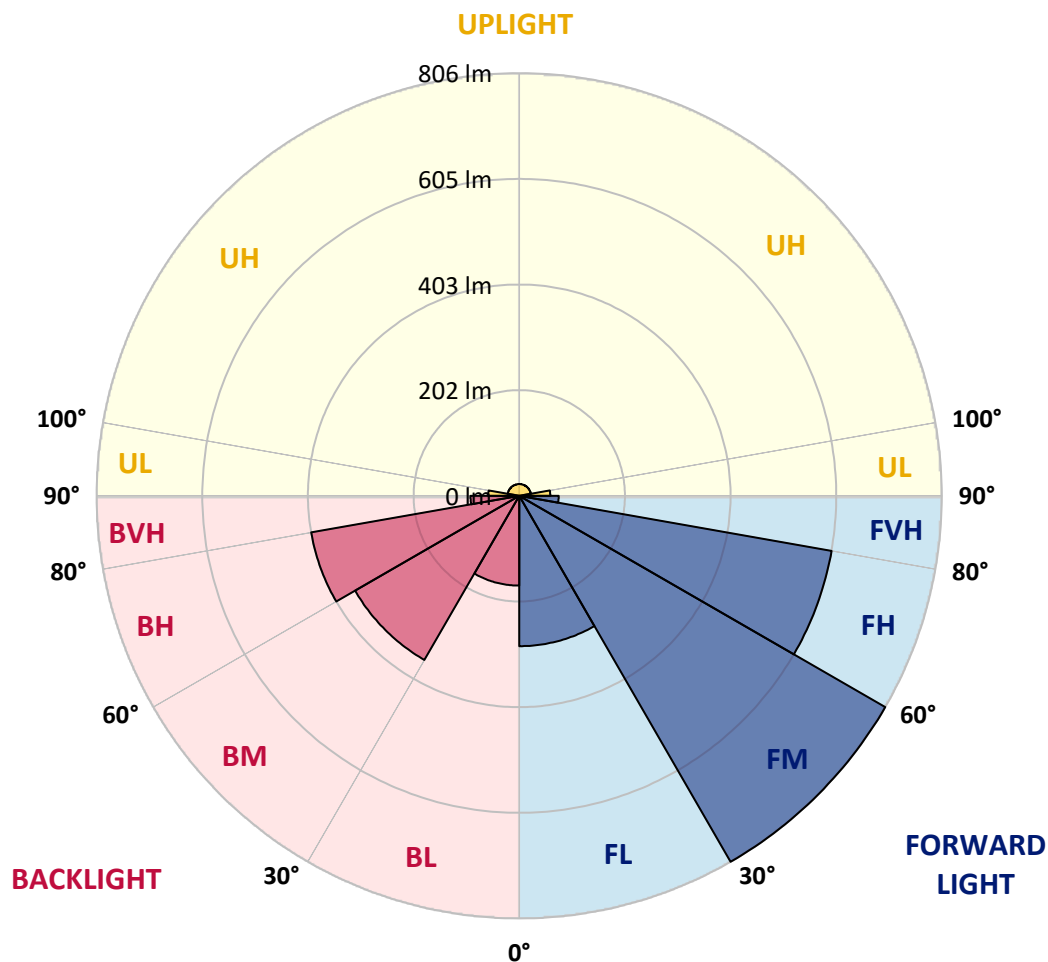
CATALOG NUMBER: CRTK2-C013-D-U-T2-7030-SR-CARETAKER

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	286.9	9.9			
FM	(30°-60°)	806.2	28.0			
FH	(60°-80°)	605.0	21.0			G0/660
FVH	(80°-90°)	75.2	2.6			G1/100
BL	(0°-30°)	171.3	5.9	B1/500		
BM	(30°-60°)	361.6	12.5	B1/1000		
BH	(60°-80°)	403.1	14.0	B1/500		G1/500
BVH	(80°-90°)	93.0	3.2			G1/100
UL	(90°-100°)	59.2	2.1		U3/500	
UH	(100°-180°)	22.4	0.8		U2/50	

BUG Rating: B1-U3-G1

Type I Short



REPORT NUMBER: P691108

CATALOG NUMBER: CRTK2-C013-D-U-T2-7030-SR-CARETAKER

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	541.0	541.0	541.0	541.0	541.0	541.0	541.0	541.0	541.0	541.0	541.0
2.5°	564.3	560.4	561.4	560.4	558.5	556.5	554.6	552.6	549.7	546.8	544.9
5°	597.3	593.4	593.4	593.4	589.6	583.7	576.0	571.1	564.3	556.5	550.7
7.5°	619.7	616.7	615.8	614.8	610.0	606.1	597.3	581.8	571.1	561.4	552.6
10°	627.4	627.4	626.5	623.5	618.7	613.8	608.0	593.4	576.0	559.4	547.8
12.5°	642.0	643.9	641.0	636.2	634.2	628.4	619.7	608.0	588.6	563.3	549.7
15°	664.3	663.4	659.5	658.5	656.6	649.8	642.0	627.4	605.1	573.0	557.5
17.5°	674.1	673.1	673.1	673.1	673.1	668.2	667.3	650.7	627.4	588.6	569.2
20°	676.0	676.0	678.9	685.7	686.7	685.7	690.6	679.9	652.7	608.0	581.8
22.5°	688.6	689.6	694.5	701.2	706.1	708.0	711.9	716.8	691.5	639.1	606.1
25°	681.8	686.7	697.4	708.0	719.7	726.5	747.9	764.4	743.0	684.7	640.1
27.5°	670.2	674.1	695.4	714.8	741.1	769.2	800.3	821.7	809.1	741.1	694.5
30°	680.9	680.9	694.5	726.5	760.5	812.0	857.6	880.9	875.1	800.3	757.6
32.5°	658.5	664.3	693.5	740.1	791.6	858.6	905.2	948.9	954.7	877.0	808.1
35°	592.5	605.1	624.5	685.7	773.1	889.7	961.5	1016.9	1041.2	964.5	883.8
37.5°	489.5	494.4	535.2	596.4	700.3	815.9	940.2	1075.2	1125.7	1030.5	959.6
40°	432.2	435.1	461.3	514.8	602.2	715.8	820.7	959.6	999.4	989.7	922.7
42.5°	412.8	417.6	448.7	500.2	574.0	652.7	679.9	740.1	724.6	766.3	787.7
45°	436.1	439.0	461.3	506.0	552.6	586.6	567.2	610.0	631.3	713.9	718.7
47.5°	452.6	454.5	478.8	535.2	542.9	543.9	570.1	595.4	654.6	833.3	913.0
50°	388.5	398.2	444.8	493.4	497.3	574.0	648.8	699.3	772.2	1097.5	1250.0
52.5°	360.3	365.2	415.7	500.2	556.5	645.9	699.3	749.8	819.7	1212.1	1480.2
55°	395.3	403.1	463.3	557.5	613.8	675.0	742.0	804.2	873.2	1271.4	1583.2
57.5°	454.5	469.1	512.8	570.1	629.4	684.7	762.4	834.3	914.9	1275.3	1585.1
60°	572.1	561.4	537.1	562.4	619.7	682.8	772.2	848.9	938.2	1274.3	1540.4
62.5°	652.7	637.1	556.5	544.9	598.3	662.4	750.8	846.9	933.4	1231.6	1489.9
65°	637.1	626.5	564.3	521.6	560.4	629.4	721.6	835.3	910.1	1185.9	1398.6
67.5°	549.7	537.1	510.9	494.4	513.8	594.4	694.5	812.0	882.9	1133.5	1298.6
70°	448.7	441.9	433.2	450.7	474.9	550.7	644.9	761.5	831.4	1033.4	1191.7
72.5°	380.7	376.8	366.2	384.6	425.4	493.4	572.1	688.6	767.3	898.4	1059.6
75°	320.5	321.5	315.7	327.3	353.5	420.6	482.7	596.4	683.8	771.2	916.9
77.5°	263.2	260.3	266.1	272.9	290.4	339.0	380.7	479.8	583.7	611.9	703.2
80°	192.3	197.2	207.8	206.9	221.4	242.8	271.0	323.4	409.9	438.0	473.0
82.5°	136.0	141.8	151.5	140.8	142.8	148.6	161.2	185.5	231.2	259.3	288.5
85°	96.2	99.1	101.0	93.2	93.2	97.1	105.9	123.3	151.5	169.0	184.5
87.5°	69.9	70.9	74.8	70.9	71.9	73.8	81.6	93.2	116.6	129.2	141.8
90°	53.4	53.4	55.4	54.4	56.3	60.2	68.0	77.7	95.2	110.7	122.4
92.5°	38.9	38.9	40.8	41.8	42.7	47.6	54.4	62.2	73.8	93.2	104.9
95°	30.1	30.1	32.1	32.1	33.0	36.9	42.7	50.5	59.2	72.8	83.5
97.5°	22.3	22.3	24.3	24.3	25.3	28.2	33.0	37.9	45.6	54.4	59.2
100°	17.5	17.5	18.5	18.5	19.4	22.3	25.3	28.2	30.1	35.0	36.9
102.5°	14.6	14.6	14.6	14.6	14.6	16.5	17.5	17.5	18.5	21.4	22.3
105°	11.7	11.7	11.7	10.7	10.7	11.7	11.7	11.7	12.6	12.6	13.6
107.5°	8.7	8.7	8.7	8.7	8.7	9.7	9.7	9.7	9.7	10.7	10.7
110°	7.8	7.8	7.8	7.8	7.8	7.8	8.7	8.7	8.7	8.7	8.7



REPORT NUMBER: P691108

CATALOG NUMBER: CRTK2-C013-D-U-T2-7030-SR-CARETAKER

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	6.8	6.8	6.8	6.8	6.8	6.8	7.8	7.8	7.8	7.8	7.8
115°	5.8	5.8	5.8	5.8	5.8	6.8	7.8	6.8	6.8	6.8	6.8
117.5°	4.9	4.9	4.9	5.8	5.8	5.8	6.8	5.8	5.8	5.8	6.8
120°	3.9	3.9	4.9	4.9	4.9	4.9	4.9	4.9	5.8	5.8	5.8
122.5°	3.9	3.9	3.9	3.9	3.9	4.9	4.9	4.9	4.9	4.9	5.8
125°	2.9	2.9	2.9	3.9	3.9	3.9	3.9	3.9	3.9	4.9	4.9
127.5°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	3.9	3.9	3.9
130°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
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



REPORT NUMBER: P691108

CATALOG NUMBER: CRTK2-C013-D-U-T2-7030-SR-CARETAKER

CANDELA DISTRIBUTION (continued):

	92°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	541.0	541.0	541.0	541.0	541.0	541.0	541.0	541.0	541.0	541.0	541.0
2.5°	542.9	542.9	537.1	531.3	525.5	519.6	514.8	511.9	508.0	508.9	508.9
5°	547.8	544.9	532.3	524.5	515.7	508.0	500.2	493.4	491.5	490.5	486.6
7.5°	548.8	543.9	530.3	518.7	502.1	483.7	474.9	467.2	462.3	466.2	464.3
10°	542.0	536.1	520.6	503.1	479.8	464.3	450.7	442.9	439.0	440.0	439.0
12.5°	543.9	537.1	511.9	485.6	466.2	440.0	423.5	416.7	411.8	411.8	408.9
15°	551.7	540.0	504.1	476.9	444.8	422.5	403.1	398.2	396.3	394.3	391.4
17.5°	559.4	542.9	503.1	461.3	425.4	401.1	381.7	373.0	368.1	368.1	367.1
20°	569.2	548.8	497.3	444.8	407.0	374.9	351.6	343.8	339.9	339.0	337.0
22.5°	585.7	564.3	494.4	438.0	382.7	349.7	327.3	312.7	305.0	304.0	304.0
25°	618.7	592.5	500.2	419.6	366.2	323.4	296.2	281.7	272.9	272.9	272.0
27.5°	671.1	629.4	508.9	412.8	335.1	295.3	267.1	244.8	237.0	237.0	238.0
30°	722.6	685.7	531.3	398.2	317.6	258.4	224.4	207.8	198.1	194.3	195.2
32.5°	783.8	745.0	562.4	388.5	282.6	214.6	183.6	174.8	160.3	156.4	153.5
35°	858.6	802.3	597.3	374.9	255.4	182.6	157.3	139.9	133.1	128.2	127.2
37.5°	909.1	859.6	628.4	377.8	217.6	165.1	136.9	118.5	111.7	112.7	112.7
40°	887.7	830.4	636.2	358.4	185.5	143.7	114.6	103.9	100.0	101.0	102.0
42.5°	742.0	711.9	526.4	320.5	153.5	115.6	96.2	96.2	99.1	96.2	96.2
45°	693.5	617.7	382.7	225.3	115.6	95.2	91.3	94.2	101.0	101.0	101.0
47.5°	878.0	792.5	342.9	188.4	129.2	106.8	99.1	94.2	95.2	94.2	94.2
50°	1231.6	1097.5	460.4	235.0	156.4	127.2	112.7	103.0	103.0	101.0	99.1
52.5°	1466.6	1325.8	560.4	294.3	196.2	148.6	129.2	111.7	105.9	102.0	101.0
55°	1612.3	1505.5	646.9	376.8	255.4	176.8	143.7	125.3	116.6	108.8	107.8
57.5°	1642.4	1518.1	704.2	452.6	329.3	232.1	165.1	138.9	133.1	120.4	118.5
60°	1568.6	1486.0	726.5	502.1	393.4	305.9	215.6	161.2	148.6	139.9	137.9
62.5°	1517.1	1421.9	718.7	518.7	433.2	367.1	283.6	198.1	162.2	163.2	171.9
65°	1430.7	1366.6	661.4	494.4	431.2	387.5	318.6	229.2	167.1	165.1	175.8
67.5°	1331.6	1281.1	604.1	441.0	397.2	359.4	296.2	218.5	158.3	148.6	149.6
70°	1204.4	1161.6	545.8	410.8	366.2	318.6	257.4	189.4	156.4	140.8	140.8
72.5°	1057.7	1007.2	497.3	388.5	349.7	305.9	246.7	182.6	168.0	162.2	167.1
75°	902.3	838.2	459.4	367.1	338.0	305.9	245.7	182.6	168.0	163.2	163.2
77.5°	727.5	689.6	418.6	333.1	314.7	291.4	226.3	170.0	165.1	163.2	163.2
80°	503.1	497.3	340.9	289.4	284.6	275.8	212.7	164.1	164.1	161.2	157.3
82.5°	308.9	294.3	243.8	216.6	233.1	245.7	193.3	154.4	150.5	147.6	145.7
85°	200.1	201.1	170.9	151.5	161.2	187.5	163.2	139.9	134.0	136.0	136.0
87.5°	153.5	158.3	134.0	123.3	121.4	127.2	128.2	125.3	121.4	118.5	119.5
90°	132.1	134.0	107.8	99.1	98.1	100.0	100.0	105.9	105.9	96.2	90.3
92.5°	110.7	113.6	89.4	80.6	80.6	83.5	85.5	85.5	77.7	63.1	56.3
95°	87.4	89.4	70.9	64.1	65.1	65.1	64.1	61.2	47.6	28.2	25.3
97.5°	61.2	62.2	52.4	48.6	49.5	47.6	41.8	37.9	29.1	16.5	15.5
100°	38.9	39.8	33.0	32.1	35.0	31.1	27.2	25.3	17.5	10.7	12.6
102.5°	23.3	23.3	20.4	19.4	21.4	18.5	16.5	13.6	10.7	6.8	8.7
105°	13.6	13.6	12.6	12.6	12.6	11.7	10.7	8.7	5.8	4.9	4.9
107.5°	10.7	10.7	9.7	9.7	8.7	8.7	7.8	5.8	3.9	2.9	2.9
110°	8.7	8.7	7.8	7.8	7.8	6.8	5.8	4.9	2.9	1.9	1.9



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CATALOG NUMBER: CRTK2-C013-D-U-T2-7030-SR-CARETAKER

CANDELA DISTRIBUTION (continued):

	92°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
112.5°	7.8	7.8	6.8	6.8	5.8	5.8	4.9	3.9	2.9	1.9	1.9
115°	6.8	6.8	5.8	4.9	4.9	4.9	3.9	2.9	1.9	1.0	1.9
117.5°	6.8	6.8	4.9	3.9	3.9	3.9	2.9	2.9	1.9	1.0	1.0
120°	5.8	5.8	3.9	3.9	2.9	2.9	2.9	1.9	1.0	1.0	1.0
122.5°	4.9	4.9	3.9	2.9	2.9	2.9	1.9	1.9	1.0	1.0	1.0
125°	4.9	4.9	2.9	2.9	2.9	1.9	1.9	1.9	1.0	0.0	0.0
127.5°	3.9	3.9	2.9	2.9	1.9	1.9	1.9	1.0	1.0	0.0	0.0
130°	2.9	2.9	2.9	2.9	1.9	1.9	1.9	1.0	1.0	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)