

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: P691148

Luminaire Tested: **CRTK2-C013-D-U-T3-7040-SR-CARETAKER**

Issue Date: 6/13/2023

Test Information

Test Method: LM-79-08
Report Number: P691148
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-C013-D-U-T3-7040-SR-CARETAKER
Description: CARETAKER AREA AND ROADWAY LUMINAIRE
(1) 70 CRI, 4000K LED WITH TYPE III OPTIC AND SR REFRACTOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3019.9 lumens
Efficiency: N/A
Efficacy: 148.0 lumens/watt
Luminous Opening: Vertical Cylinder (Dia: 0.33' x H: 0.29')
IES Classification: Type III - 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



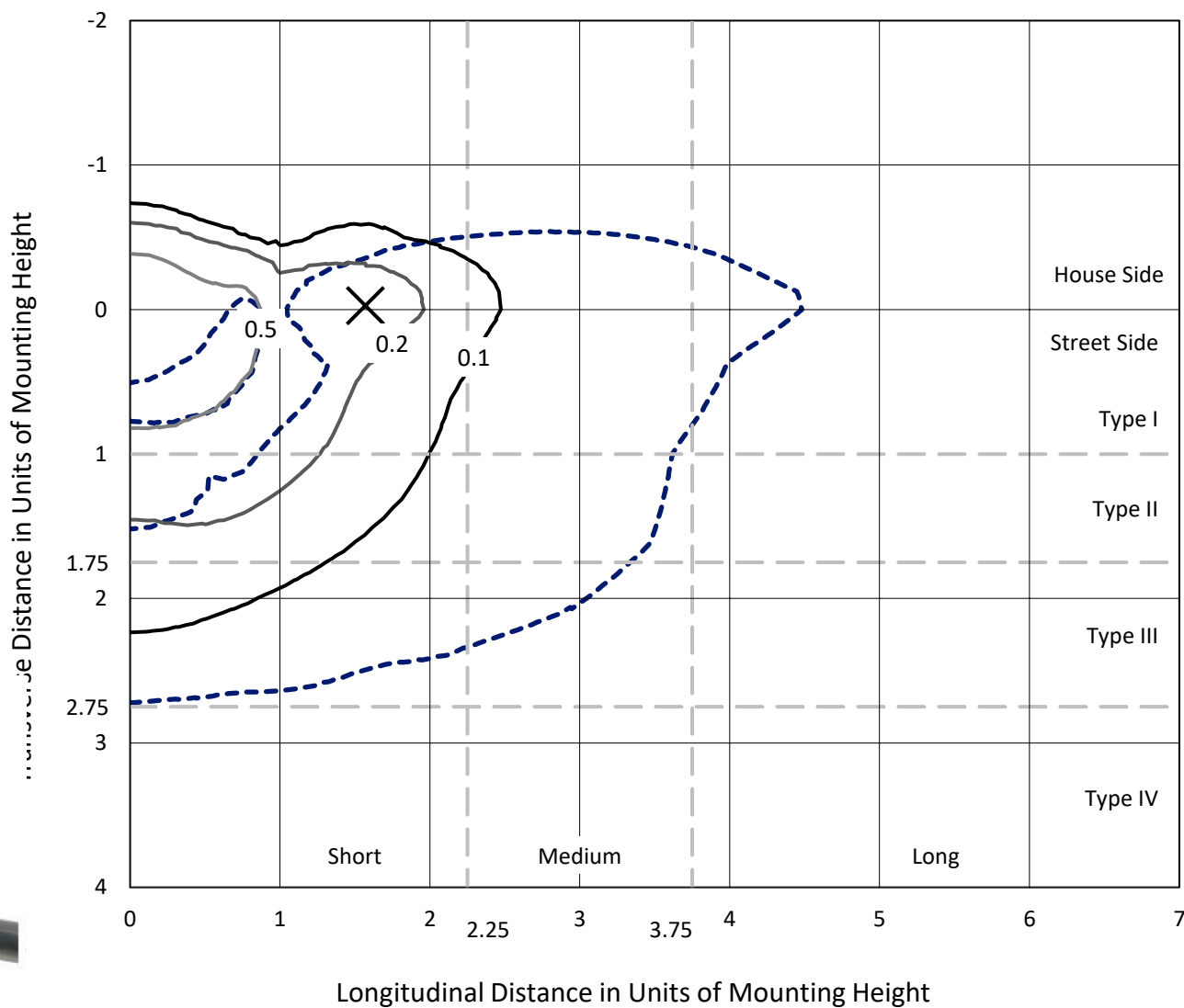
REPORT NUMBER: P691148

CATALOG NUMBER: CRTK2-C013-D-U-T3-7040-SR-CARETAKER

Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd

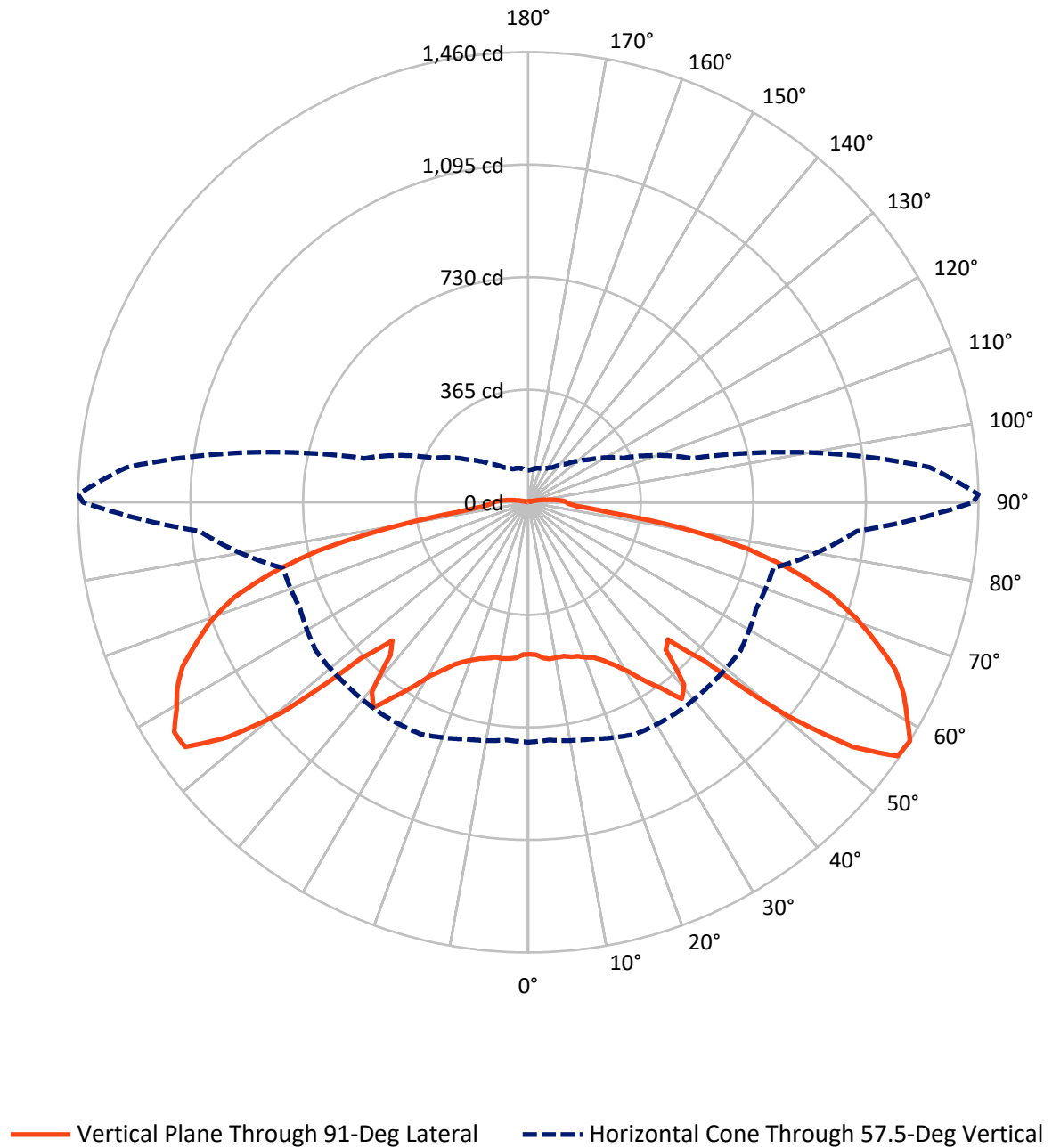


Based on 25 foot mounting height. Maximum calculated value = 0.8 fc
 Type III - Short - N/A

REPORT NUMBER: P691148

CATALOG NUMBER: CRTK2-C013-D-U-T3-7040-SR-CARETAKER

Luminous Intensity Polar Plot



REPORT NUMBER: P691148

CATALOG NUMBER: CRTK2-C013-D-U-T3-7040-SR-CARETAKER

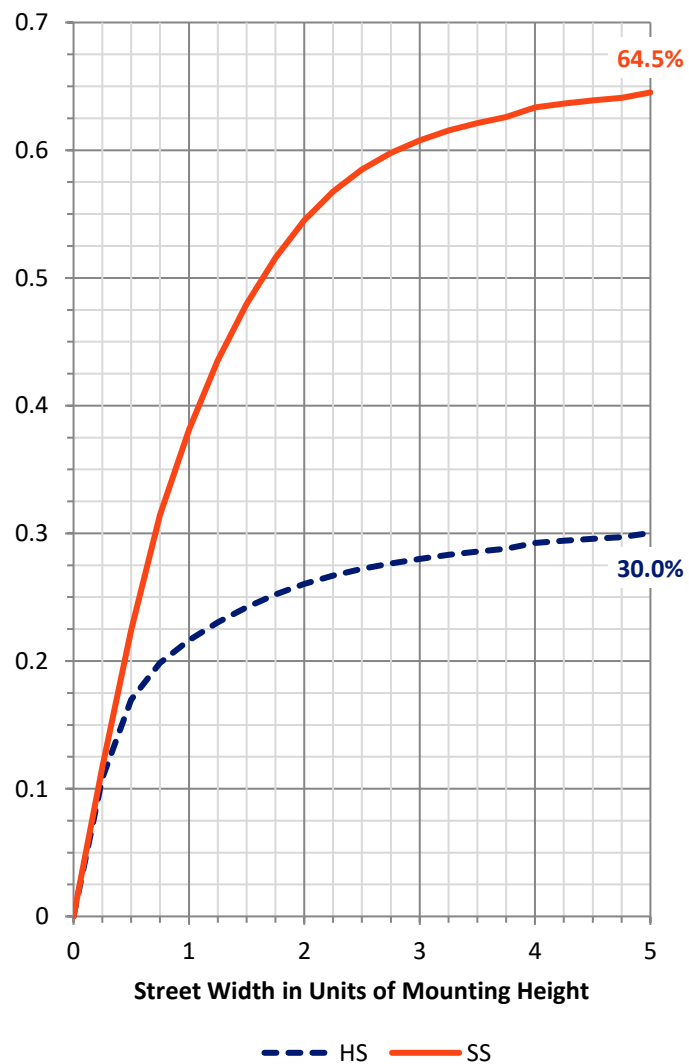
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	958.6	46.6	1005.2
	% Fixture	31.7	1.5	33.3
Street Side	Lumens	1974.9	39.9	2014.7
	% Fixture	65.4	1.3	66.7
Total	Lumens	2933.4	86.5	3019.9
	% Fixture	97.1	2.9	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	48.2	1.6
10°-20°	146.8	4.9
20°-30°	249.5	8.3
30°-40°	351.1	11.6
40°-50°	333.4	11.0
50°-60°	499.5	16.5
60°-70°	646.3	21.4
70°-80°	489.1	16.2
80°-90°	169.4	5.6
90°-100°	63.6	2.1
100°-110°	14.9	0.5
110°-120°	5.1	0.2
120°-130°	2.6	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°	2933.4	97.1
0°-180°	3019.9	100.0

Coefficient of Utilization



REPORT NUMBER: P691148

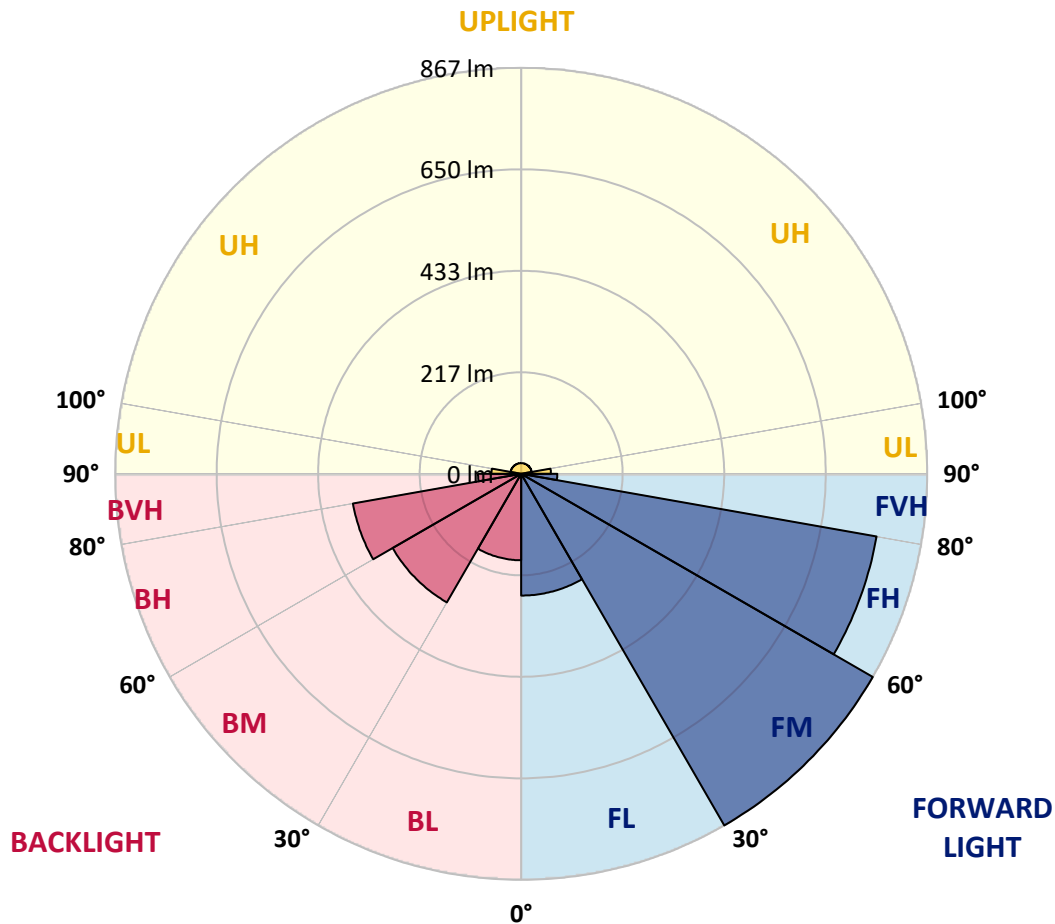
CATALOG NUMBER: CRTK2-C013-D-U-T3-7040-SR-CARETAKER

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	260.0	8.6			
FM	(30°-60°)	867.0	28.7			
FH	(60°-80°)	770.6	25.5			G1/1800
FVH	(80°-90°)	77.2	2.6			G1/100
BL	(0°-30°)	184.5	6.1	B1/500		
BM	(30°-60°)	317.0	10.5	B1/1000		
BH	(60°-80°)	364.8	12.1	B1/500		G1/500
BVH	(80°-90°)	92.2	3.1			G1/100
UL	(90°-100°)	63.6	2.1		U3/500	
UH	(100°-180°)	22.9	0.8		U2/50	

BUG Rating: B1-U3-G1

Type III Short



REPORT NUMBER: P691148

CATALOG NUMBER: CRTK2-C013-D-U-T3-7040-SR-CARETAKER

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	493.1	493.1	493.1	493.1	493.1	493.1	493.1	493.1	493.1	493.1	493.1
2.5°	484.1	484.1	484.1	485.1	488.1	490.1	491.1	490.1	491.1	493.1	495.1
5°	498.1	497.1	496.1	494.1	493.1	493.1	494.1	494.1	496.1	503.1	507.1
7.5°	511.1	509.1	508.1	508.1	507.1	502.1	501.1	498.1	497.1	506.1	512.1
10°	535.1	533.1	527.1	520.1	518.1	512.1	503.1	501.1	502.1	512.1	514.1
12.5°	557.1	556.1	552.1	545.1	535.1	529.1	516.1	510.1	511.1	517.1	513.1
15°	594.1	590.1	578.1	572.1	562.1	551.1	534.1	527.1	529.1	524.1	522.1
17.5°	616.1	613.1	613.1	602.1	595.1	576.1	560.1	547.1	552.1	539.1	528.1
20°	636.1	636.1	637.1	639.1	626.1	611.1	589.1	573.1	574.1	555.1	539.1
22.5°	667.1	664.1	667.1	670.1	661.1	648.1	621.1	605.1	598.1	574.1	553.1
25°	699.1	697.1	697.1	705.1	708.1	688.1	663.1	646.1	636.1	601.1	573.1
27.5°	731.1	732.1	735.1	738.1	743.1	733.1	708.1	695.1	682.1	633.1	605.1
30°	757.1	755.1	768.1	775.1	780.1	784.1	756.1	742.1	728.1	674.1	641.1
32.5°	786.1	786.1	798.1	811.1	818.1	826.1	803.1	794.1	779.1	723.1	701.1
35°	810.1	810.1	828.1	850.1	863.1	869.1	857.1	856.1	853.1	790.1	758.1
37.5°	729.1	739.1	767.1	811.1	861.1	901.1	904.1	924.1	934.1	866.1	825.1
40°	636.1	639.1	672.1	711.1	758.1	808.1	856.1	915.1	908.1	826.1	790.1
42.5°	573.1	581.1	623.1	653.1	684.1	715.1	715.1	713.1	663.1	678.1	664.1
45°	567.1	569.1	604.1	649.1	661.1	618.1	558.1	525.1	529.1	602.1	635.1
47.5°	629.1	632.1	668.1	711.1	668.1	592.1	533.1	528.1	525.1	654.1	766.1
50°	662.1	664.1	698.1	720.1	653.1	652.1	653.1	635.1	619.1	858.1	1099.2
52.5°	682.1	684.1	682.1	710.1	687.1	740.1	722.1	692.1	680.1	994.1	1298.2
55°	629.1	642.1	696.1	770.1	772.1	790.1	783.1	756.1	755.1	1045.2	1447.2
57.5°	778.1	774.1	795.1	829.1	835.1	836.1	840.1	816.1	823.1	1071.2	1443.2
60°	881.1	870.1	848.1	864.1	871.1	882.1	896.1	869.1	877.1	1094.2	1380.2
62.5°	978.1	961.1	876.1	873.1	884.1	906.1	926.1	905.1	912.1	1102.2	1336.2
65°	964.1	949.1	885.1	850.1	866.1	896.1	924.1	914.1	912.1	1085.2	1282.2
67.5°	831.1	832.1	825.1	825.1	819.1	862.1	907.1	908.1	898.1	1042.2	1201.2
70°	714.1	710.1	721.1	763.1	769.1	820.1	880.1	890.1	877.1	994.1	1123.2
72.5°	608.1	605.1	607.1	642.1	692.1	748.1	816.1	840.1	821.1	908.1	1028.2
75°	503.1	500.1	499.1	511.1	551.1	621.1	699.1	742.1	726.1	783.1	889.1
77.5°	382.1	376.1	376.1	380.1	410.1	473.1	548.1	608.1	600.1	631.1	717.1
80°	254.0	255.0	253.0	252.0	272.0	309.0	364.1	436.1	432.1	432.1	476.1
82.5°	161.0	161.0	164.0	154.0	152.0	156.0	169.0	198.0	200.0	219.0	234.0
85°	103.0	104.0	104.0	94.0	91.0	94.0	103.0	112.0	116.0	135.0	152.0
87.5°	75.0	75.0	73.0	71.0	72.0	75.0	82.0	90.0	97.0	112.0	127.0
90°	57.0	57.0	56.0	55.0	57.0	61.0	70.0	79.0	88.0	105.0	119.0
92.5°	47.0	47.0	46.0	46.0	47.0	50.0	58.0	68.0	77.0	91.0	104.0
95°	39.0	40.0	39.0	40.0	41.0	43.0	48.0	56.0	62.0	71.0	80.0
97.5°	31.0	32.0	32.0	32.0	33.0	36.0	39.0	44.0	48.0	52.0	58.0
100°	23.0	24.0	24.0	24.0	25.0	28.0	31.0	33.0	34.0	35.0	38.0
102.5°	17.0	18.0	18.0	18.0	18.0	20.0	21.0	22.0	22.0	22.0	23.0
105°	12.0	12.0	12.0	12.0	12.0	12.0	13.0	13.0	13.0	13.0	13.0
107.5°	9.0	9.0	9.0	9.0	9.0	9.0	10.0	10.0	10.0	10.0	10.0
110°	8.0	8.0	8.0	8.0	8.0	8.0	8.0	9.0	8.0	8.0	9.0

REPORT NUMBER: P691148

CATALOG NUMBER: CRTK2-C013-D-U-T3-7040-SR-CARETAKER

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	7.0	7.0	7.0	7.0	7.0	7.0	8.0	8.0	7.0	7.0	7.0
115°	6.0	6.0	6.0	6.0	6.0	6.0	7.0	7.0	6.0	6.0	6.0
117.5°	5.0	5.0	5.0	5.0	5.0	5.0	6.0	6.0	5.0	6.0	6.0
120°	5.0	6.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	6.0
122.5°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	5.0	5.0
125°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
127.5°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	4.0	4.0
130°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
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

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CANDELA DISTRIBUTION (continued):

	91°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	493.1	493.1	493.1	493.1	493.1	493.1	493.1	493.1	493.1	493.1	493.1
2.5°	495.1	497.1	501.1	505.1	509.1	513.1	515.1	516.1	517.1	515.1	516.1
5°	507.1	509.1	515.1	521.1	520.1	517.1	513.1	513.1	514.1	514.1	516.1
7.5°	513.1	516.1	514.1	515.1	517.1	514.1	510.1	505.1	499.1	499.1	500.1
10°	512.1	509.1	512.1	509.1	502.1	501.1	499.1	492.1	488.1	489.1	489.1
12.5°	512.1	511.1	505.1	502.1	496.1	485.1	480.1	482.1	477.1	478.1	476.1
15°	520.1	513.1	505.1	495.1	482.1	476.1	469.1	458.1	457.1	457.1	457.1
17.5°	525.1	520.1	502.1	482.1	473.1	458.1	450.1	447.1	439.1	442.1	444.1
20°	537.1	525.1	499.1	478.1	447.1	438.1	425.1	422.1	418.1	406.1	402.1
22.5°	547.1	536.1	496.1	459.1	433.1	412.1	392.1	378.1	371.1	366.1	362.1
25°	569.1	552.1	499.1	450.1	410.1	383.1	365.1	340.1	323.0	321.0	323.0
27.5°	598.1	571.1	506.1	438.1	392.1	350.1	314.0	297.0	279.0	273.0	274.0
30°	635.1	599.1	505.1	427.1	360.1	312.0	266.0	237.0	223.0	217.0	216.0
32.5°	688.1	638.1	528.1	413.1	331.0	259.0	209.0	173.0	166.0	165.0	164.0
35°	740.1	701.1	539.1	392.1	289.0	208.0	158.0	136.0	135.0	134.0	133.0
37.5°	809.1	763.1	570.1	379.1	249.0	157.0	127.0	111.0	108.0	103.0	105.0
40°	778.1	740.1	579.1	359.1	193.0	116.0	95.0	82.0	80.0	81.0	80.0
42.5°	655.1	627.1	505.1	309.0	133.0	85.0	71.0	73.0	77.0	80.0	80.0
45°	635.1	580.1	364.1	219.0	86.0	71.0	69.0	72.0	79.0	86.0	87.0
47.5°	767.1	697.1	319.0	169.0	99.0	81.0	74.0	74.0	78.0	79.0	78.0
50°	1087.2	981.1	373.1	194.0	123.0	98.0	85.0	80.0	82.0	84.0	83.0
52.5°	1318.2	1185.2	425.1	232.0	154.0	117.0	100.0	88.0	86.0	86.0	85.0
55°	1453.2	1302.2	486.1	286.0	193.0	141.0	116.0	102.0	97.0	93.0	93.0
57.5°	1460.2	1306.2	550.1	339.1	241.0	176.0	138.0	119.0	115.0	106.0	104.0
60°	1411.2	1289.2	599.1	392.1	287.0	225.0	176.0	148.0	143.0	138.0	135.0
62.5°	1366.2	1261.2	623.1	436.1	336.1	280.0	224.0	185.0	169.0	175.0	179.0
65°	1308.2	1230.2	607.1	440.1	358.1	313.0	259.0	202.0	175.0	188.0	195.0
67.5°	1219.2	1149.2	567.1	404.1	334.1	293.0	243.0	190.0	169.0	174.0	174.0
70°	1129.2	1054.2	528.1	376.1	301.0	258.0	211.0	170.0	167.0	164.0	164.0
72.5°	1023.2	934.1	477.1	359.1	288.0	251.0	205.0	171.0	179.0	183.0	183.0
75°	889.1	790.1	423.1	344.1	282.0	256.0	206.0	184.0	198.0	200.0	200.0
77.5°	728.1	620.1	360.1	317.0	265.0	246.0	192.0	181.0	195.0	198.0	199.0
80°	501.1	439.1	302.0	276.0	237.0	221.0	177.0	176.0	190.0	197.0	198.0
82.5°	254.0	250.0	220.0	217.0	202.0	193.0	164.0	171.0	186.0	196.0	197.0
85°	157.0	163.0	147.0	145.0	150.0	154.0	149.0	163.0	174.0	185.0	187.0
87.5°	131.0	138.0	123.0	117.0	119.0	126.0	132.0	147.0	157.0	166.0	167.0
90°	123.0	129.0	105.0	100.0	104.0	109.0	113.0	121.0	129.0	134.0	134.0
92.5°	108.0	110.0	87.0	83.0	89.0	92.0	91.0	93.0	93.0	83.0	83.0
95°	83.0	83.0	66.0	66.0	71.0	72.0	65.0	59.0	55.0	33.0	28.0
97.5°	60.0	59.0	48.0	48.0	52.0	51.0	43.0	36.0	30.0	19.0	20.0
100°	40.0	39.0	32.0	34.0	36.0	32.0	27.0	22.0	18.0	12.0	14.0
102.5°	24.0	23.0	21.0	22.0	21.0	20.0	16.0	13.0	11.0	7.0	8.0
105°	14.0	13.0	13.0	13.0	13.0	12.0	11.0	8.0	6.0	4.0	4.0
107.5°	10.0	10.0	10.0	9.0	9.0	8.0	7.0	6.0	4.0	3.0	2.0
110°	9.0	8.0	8.0	8.0	7.0	7.0	6.0	5.0	3.0	2.0	2.0

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CATALOG NUMBER: CRTK2-C013-D-U-T3-7040-SR-CARETAKER

CANDELA DISTRIBUTION (continued):

	91°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
112.5°	7.0	7.0	7.0	6.0	6.0	5.0	4.0	4.0	3.0	1.0	1.0
115°	6.0	6.0	5.0	5.0	4.0	4.0	3.0	3.0	2.0	1.0	1.0
117.5°	6.0	6.0	4.0	4.0	3.0	3.0	3.0	2.0	1.0	1.0	1.0
120°	6.0	5.0	4.0	3.0	3.0	3.0	2.0	2.0	1.0	0.0	1.0
122.5°	5.0	5.0	3.0	3.0	2.0	2.0	2.0	1.0	1.0	0.0	0.0
125°	4.0	4.0	3.0	2.0	2.0	2.0	2.0	1.0	1.0	0.0	0.0
127.5°	4.0	4.0	3.0	2.0	2.0	2.0	2.0	1.0	1.0	0.0	0.0
130°	3.0	3.0	2.0	2.0	2.0	2.0	1.0	1.0	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)