

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: P691292

Luminaire Tested: **CRTK2-C015-D-U-T2-7030-SR-CARETAKER**

Issue Date: 6/13/2023

Test Information

Test Method: LM-79-08
Report Number: P691292
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-C015-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: 4226 lumens
Efficiency: N/A
Efficacy: 141.3 lumens/watt
Luminous Opening: Vertical Cylinder (Dia: 0.33' x H: 0.29')
IES Classification: Type I - Short
BUG Rating: B2 - U3 - G2

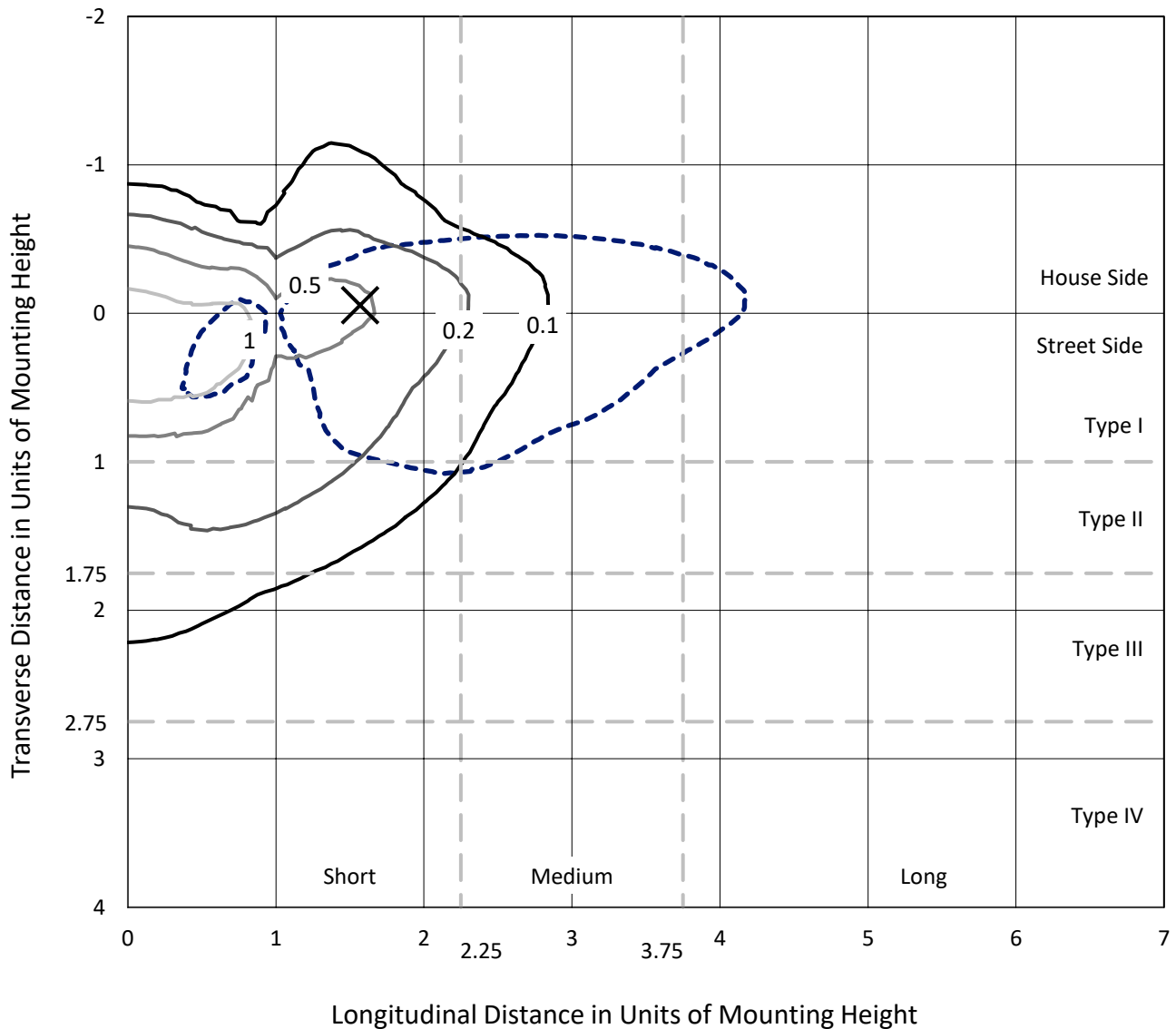
Input Watts (W): 29.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

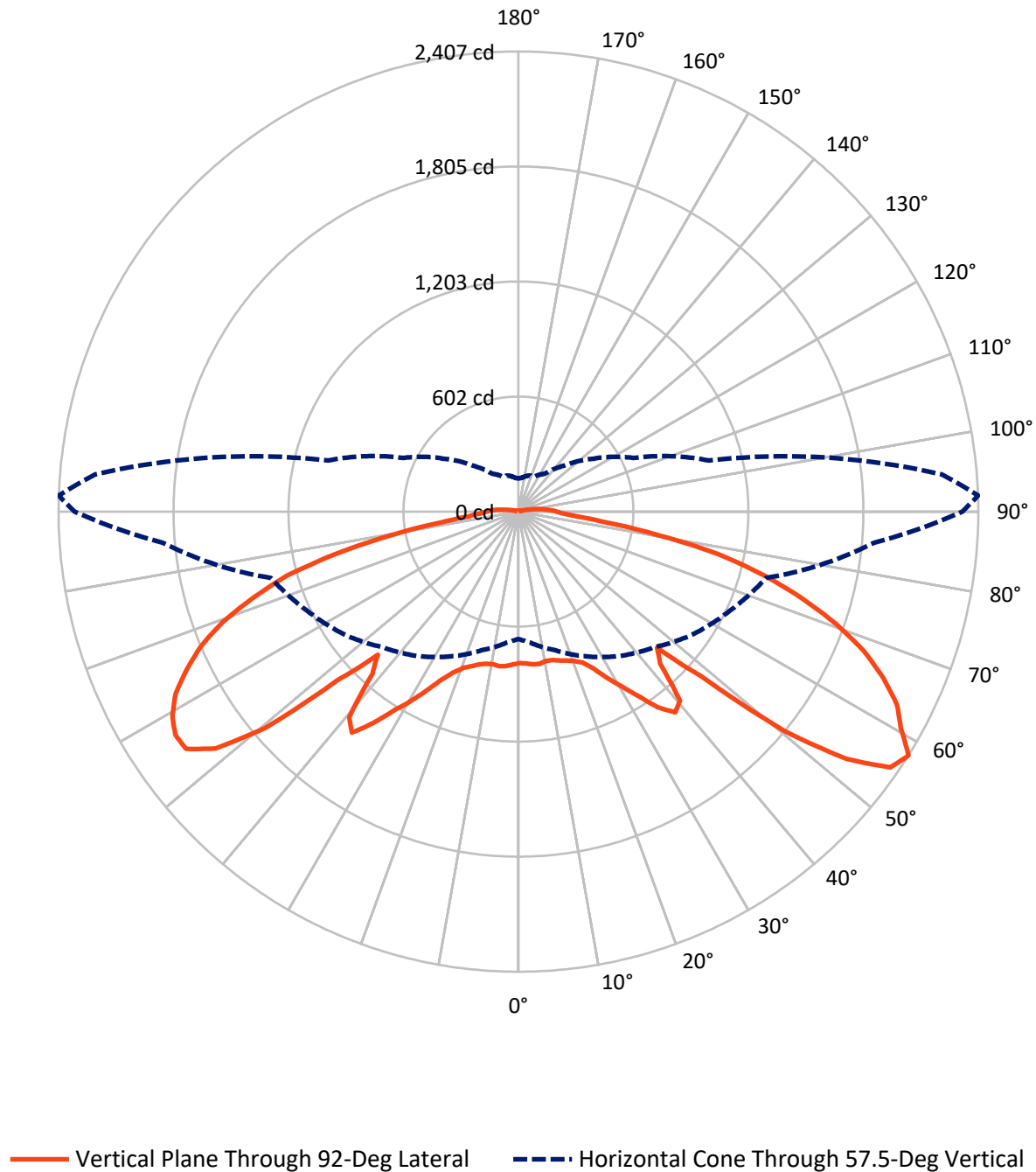


Based on 25 foot mounting height. Maximum calculated value = 1.4 fc
 Type I - Short - N/A

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Luminous Intensity Polar Plot



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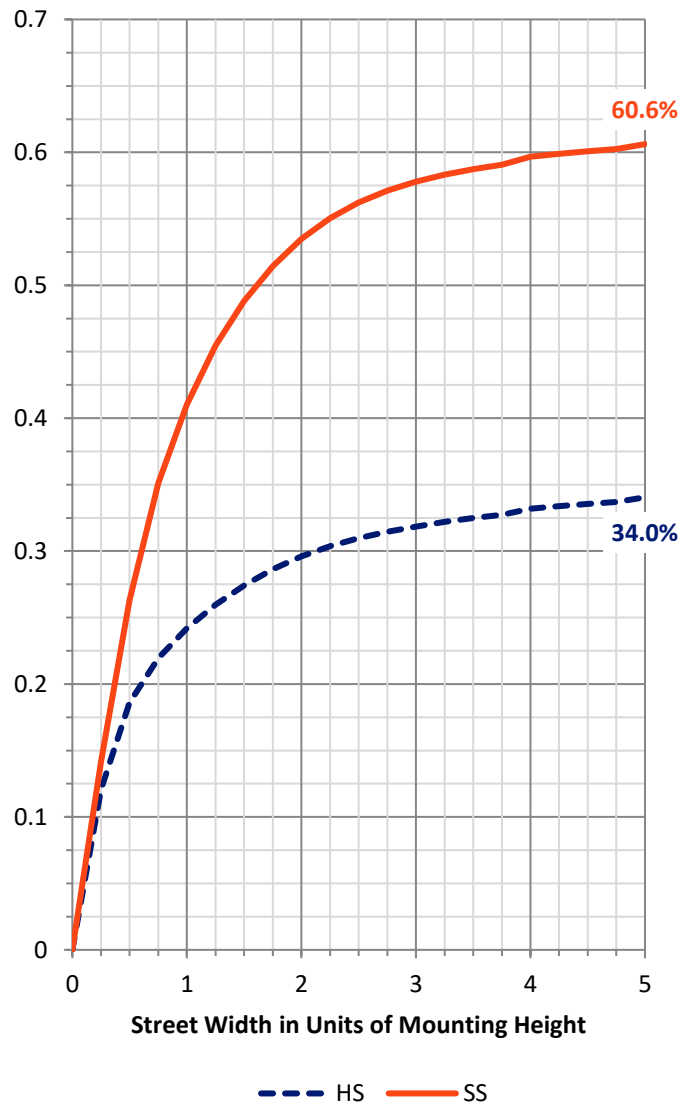
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1507.9	65.9	1573.8
	% Fixture	35.7	1.6	37.2
Street Side	Lumens	2598.5	53.8	2652.2
	% Fixture	61.5	1.3	62.8
Total	Lumens	4106.3	119.7	4226.0
	% Fixture	97.2	2.8	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	76.0	1.8
10°-20°	223.9	5.3
20°-30°	371.4	8.8
30°-40°	514.0	12.2
40°-50°	480.0	11.4
50°-60°	717.2	17.0
60°-70°	851.9	20.2
70°-80°	625.3	14.8
80°-90°	246.5	5.8
90°-100°	86.8	2.1
100°-110°	20.5	0.5
110°-120°	7.9	0.2
120°-130°	4.0	0.1
130°-140°	0.4	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°	4106.3	97.2
0°-180°	4226.0	100.0

Coefficient of Utilization



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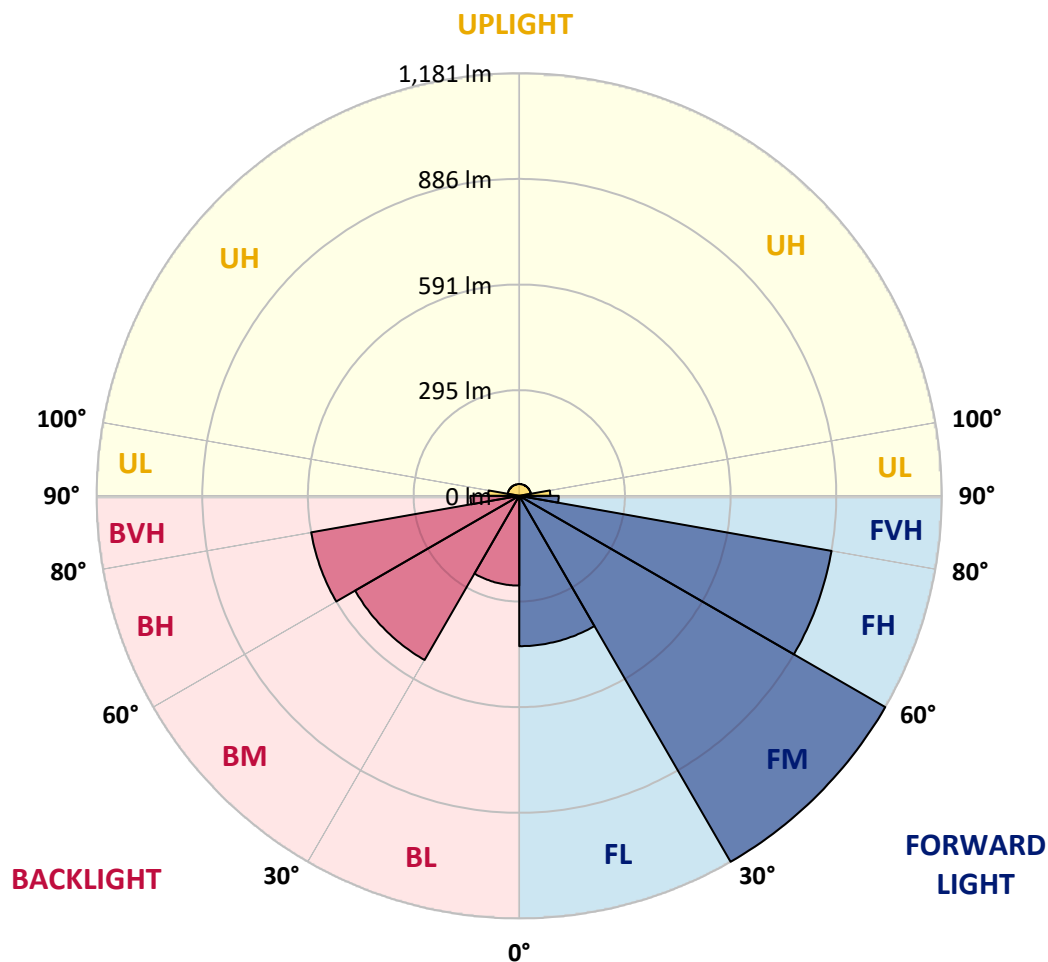
CATALOG NUMBER: CRTK2-C015-D-U-T2-7030-SR-CARETAKER

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	420.4	9.9			
FM	(30°-60°)	1181.4	28.0			
FH	(60°-80°)	886.5	21.0			G1/1800
FVH	(80°-90°)	110.2	2.6			G2/225
BL	(0°-30°)	251.0	5.9	B1/500		
BM	(30°-60°)	529.9	12.5	B1/1000		
BH	(60°-80°)	590.7	14.0	B2/1000		G2/1000
BVH	(80°-90°)	136.3	3.2			G2/225
UL	(90°-100°)	86.8	2.1		U3/500	
UH	(100°-180°)	32.8	0.8		U2/50	

BUG Rating: B2-U3-G2

Type I Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	792.7	792.7	792.7	792.7	792.7	792.7	792.7	792.7	792.7	792.7	792.7
2.5°	826.9	821.2	822.6	821.2	818.3	815.5	812.7	809.8	805.5	801.3	798.4
5°	875.3	869.6	869.6	869.6	863.9	855.4	844.0	836.8	826.9	815.5	807.0
7.5°	908.0	903.7	902.3	900.9	893.8	888.1	875.3	852.5	836.8	822.6	809.8
10°	919.4	919.4	918.0	913.7	906.6	899.5	890.9	869.6	844.0	819.8	802.7
12.5°	940.7	943.6	939.3	932.2	929.4	920.8	908.0	890.9	862.5	825.5	805.5
15°	973.5	972.1	966.4	964.9	962.1	952.1	940.7	919.4	886.7	839.7	816.9
17.5°	987.7	986.3	986.3	986.3	986.3	979.2	977.7	953.6	919.4	862.5	834.0
20°	990.6	990.6	994.8	1004.8	1006.2	1004.8	1011.9	996.2	956.4	890.9	852.5
22.5°	1009.1	1010.5	1017.6	1027.6	1034.7	1037.5	1043.2	1050.3	1013.3	936.5	888.1
25°	999.1	1006.2	1021.9	1037.5	1054.6	1064.6	1095.9	1120.1	1088.8	1003.4	937.9
27.5°	982.0	987.7	1019.0	1047.5	1085.9	1127.2	1172.7	1204.0	1185.5	1085.9	1017.6
30°	997.7	997.7	1017.6	1064.6	1114.4	1189.8	1256.7	1290.9	1282.3	1172.7	1110.1
32.5°	964.9	973.5	1016.2	1084.5	1159.9	1258.1	1326.4	1390.5	1399.0	1285.2	1184.1
35°	868.2	886.7	915.1	1004.8	1132.9	1303.7	1409.0	1490.1	1525.7	1413.2	1295.1
37.5°	717.3	724.4	784.2	873.9	1026.1	1195.5	1377.7	1575.5	1649.5	1510.0	1406.1
40°	633.3	637.6	676.0	754.3	882.4	1048.9	1202.6	1406.1	1464.5	1450.3	1352.1
42.5°	604.9	612.0	657.5	733.0	841.1	956.4	996.2	1084.5	1061.7	1122.9	1154.2
45°	639.0	643.3	676.0	741.5	809.8	859.6	831.2	893.8	925.1	1046.1	1053.2
47.5°	663.2	666.1	701.6	784.2	795.6	797.0	835.4	872.4	959.2	1221.1	1337.8
50°	569.3	583.5	651.8	723.0	728.7	841.1	950.7	1024.7	1131.5	1608.2	1831.7
52.5°	528.0	535.1	609.1	733.0	815.5	946.4	1024.7	1098.7	1201.2	1776.2	2169.0
55°	579.2	590.6	678.9	816.9	899.5	989.1	1087.3	1178.4	1279.5	1863.0	2319.8
57.5°	666.1	687.4	751.5	835.4	922.2	1003.4	1117.2	1222.5	1340.7	1868.7	2322.7
60°	838.3	822.6	787.0	824.0	908.0	1000.5	1131.5	1243.9	1374.8	1867.3	2257.2
62.5°	956.4	933.6	815.5	798.4	876.7	970.6	1100.1	1241.0	1367.7	1804.6	2183.2
65°	933.6	918.0	826.9	764.3	821.2	922.2	1057.4	1224.0	1333.5	1737.7	2049.4
67.5°	805.5	787.0	748.6	724.4	752.9	871.0	1017.6	1189.8	1293.7	1660.9	1902.8
70°	657.5	647.6	634.8	660.4	696.0	807.0	945.0	1115.8	1218.3	1514.3	1746.3
72.5°	557.9	552.2	536.6	563.6	623.4	723.0	838.3	1009.1	1124.3	1316.5	1552.7
75°	469.7	471.1	462.5	479.6	518.0	616.3	707.3	873.9	1001.9	1130.0	1343.5
77.5°	385.7	381.4	390.0	399.9	425.5	496.7	557.9	703.1	855.4	896.6	1030.4
80°	281.8	288.9	304.6	303.1	324.5	355.8	397.1	473.9	600.6	641.9	693.1
82.5°	199.2	207.8	222.0	206.4	209.2	217.8	236.3	271.8	338.7	380.0	422.7
85°	140.9	145.2	148.0	136.6	136.6	142.3	155.1	180.7	222.0	247.6	270.4
87.5°	102.5	103.9	109.6	103.9	105.3	108.2	119.5	136.6	170.8	189.3	207.8
90°	78.3	78.3	81.1	79.7	82.5	88.2	99.6	113.9	139.5	162.2	179.3
92.5°	56.9	56.9	59.8	61.2	62.6	69.7	79.7	91.1	108.2	136.6	153.7
95°	44.1	44.1	47.0	47.0	48.4	54.1	62.6	74.0	86.8	106.7	122.4
97.5°	32.7	32.7	35.6	35.6	37.0	41.3	48.4	55.5	66.9	79.7	86.8
100°	25.6	25.6	27.0	27.0	28.5	32.7	37.0	41.3	44.1	51.2	54.1
102.5°	21.3	21.3	21.3	21.3	21.3	24.2	25.6	25.6	27.0	31.3	32.7
105°	17.1	17.1	17.1	15.7	15.7	17.1	17.1	17.1	18.5	18.5	19.9
107.5°	12.8	12.8	12.8	12.8	12.8	14.2	14.2	14.2	14.2	15.7	15.7
110°	11.4	11.4	11.4	11.4	11.4	11.4	12.8	12.8	12.8	12.8	12.8



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CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	10.0	10.0	10.0	10.0	10.0	10.0	11.4	11.4	11.4	11.4	11.4
115°	8.5	8.5	8.5	8.5	8.5	10.0	11.4	10.0	10.0	10.0	10.0
117.5°	7.1	7.1	7.1	8.5	8.5	8.5	10.0	8.5	8.5	8.5	10.0
120°	5.7	5.7	7.1	7.1	7.1	7.1	7.1	7.1	8.5	8.5	8.5
122.5°	5.7	5.7	5.7	5.7	5.7	7.1	7.1	7.1	7.1	7.1	8.5
125°	4.3	4.3	4.3	5.7	5.7	5.7	5.7	5.7	5.7	7.1	7.1
127.5°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	5.7	5.7	5.7
130°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
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):

	92°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	792.7	792.7	792.7	792.7	792.7	792.7	792.7	792.7	792.7	792.7	792.7
2.5°	795.6	795.6	787.0	778.5	770.0	761.4	754.3	750.0	744.3	745.8	745.8
5°	802.7	798.4	779.9	768.5	755.7	744.3	733.0	723.0	720.1	718.7	713.0
7.5°	804.1	797.0	777.1	760.0	735.8	708.8	696.0	684.6	677.4	683.1	680.3
10°	794.2	785.6	762.8	737.2	703.1	680.3	660.4	649.0	643.3	644.7	643.3
12.5°	797.0	787.0	750.0	711.6	683.1	644.7	620.5	610.6	603.4	603.4	599.2
15°	808.4	791.3	738.6	698.8	651.8	619.1	590.6	583.5	580.7	577.8	573.6
17.5°	819.8	795.6	737.2	676.0	623.4	587.8	559.3	546.5	539.4	539.4	538.0
20°	834.0	804.1	728.7	651.8	596.3	549.4	515.2	503.8	498.1	496.7	493.9
22.5°	858.2	826.9	724.4	641.9	560.7	512.4	479.6	458.3	446.9	445.5	445.5
25°	906.6	868.2	733.0	614.8	536.6	473.9	434.1	412.7	399.9	399.9	398.5
27.5°	983.4	922.2	745.8	604.9	491.0	432.7	391.4	358.6	347.3	347.3	348.7
30°	1058.9	1004.8	778.5	583.5	465.4	378.6	328.8	304.6	290.3	284.6	286.1
32.5°	1148.5	1091.6	824.0	569.3	414.2	314.5	269.0	256.2	234.8	229.1	224.9
35°	1258.1	1175.6	875.3	549.4	374.3	267.6	230.6	204.9	195.0	187.9	186.4
37.5°	1332.1	1259.5	920.8	553.6	318.8	241.9	200.7	173.6	163.7	165.1	165.1
40°	1300.8	1216.8	932.2	525.2	271.8	210.6	167.9	152.3	146.6	148.0	149.4
42.5°	1087.3	1043.2	771.4	469.7	224.9	169.4	140.9	140.9	145.2	140.9	140.9
45°	1016.2	905.2	560.7	330.2	169.4	139.5	133.8	138.1	148.0	148.0	148.0
47.5°	1286.6	1161.3	502.4	276.1	189.3	156.6	145.2	138.1	139.5	138.1	138.1
50°	1804.6	1608.2	674.6	344.4	229.1	186.4	165.1	150.9	150.9	148.0	145.2
52.5°	2149.0	1942.7	821.2	431.2	287.5	217.8	189.3	163.7	155.1	149.4	148.0
55°	2362.5	2206.0	947.9	552.2	374.3	259.0	210.6	183.6	170.8	159.4	158.0
57.5°	2406.7	2224.5	1031.8	663.2	482.5	340.1	241.9	203.5	195.0	176.5	173.6
60°	2298.5	2177.5	1064.6	735.8	576.4	448.3	316.0	236.3	217.8	204.9	202.1
62.5°	2223.1	2083.6	1053.2	760.0	634.8	538.0	415.6	290.3	237.7	239.1	251.9
65°	2096.4	2002.5	969.2	724.4	631.9	567.9	466.8	335.9	244.8	241.9	257.6
67.5°	1951.2	1877.2	885.2	646.1	582.1	526.6	434.1	320.2	232.0	217.8	219.2
70°	1764.8	1702.2	799.8	602.0	536.6	466.8	377.2	277.5	229.1	206.4	206.4
72.5°	1549.9	1475.9	728.7	569.3	512.4	448.3	361.5	267.6	246.2	237.7	244.8
75°	1322.2	1228.2	673.2	538.0	495.3	448.3	360.1	267.6	246.2	239.1	239.1
77.5°	1066.0	1010.5	613.4	488.2	461.1	427.0	331.6	249.1	241.9	239.1	239.1
80°	737.2	728.7	499.5	424.1	417.0	404.2	311.7	240.5	240.5	236.3	230.6
82.5°	452.6	431.2	357.2	317.4	341.6	360.1	283.2	226.3	220.6	216.3	213.5
85°	293.2	294.6	250.5	222.0	236.3	274.7	239.1	204.9	196.4	199.2	199.2
87.5°	224.9	232.0	196.4	180.7	177.9	186.4	187.9	183.6	177.9	173.6	175.1
90°	193.6	196.4	158.0	145.2	143.7	146.6	146.6	155.1	155.1	140.9	132.4
92.5°	162.2	166.5	130.9	118.1	118.1	122.4	125.2	125.2	113.9	92.5	82.5
95°	128.1	130.9	103.9	93.9	95.4	95.4	93.9	89.7	69.7	41.3	37.0
97.5°	89.7	91.1	76.9	71.2	72.6	69.7	61.2	55.5	42.7	24.2	22.8
100°	56.9	58.4	48.4	47.0	51.2	45.5	39.8	37.0	25.6	15.7	18.5
102.5°	34.2	34.2	29.9	28.5	31.3	27.0	24.2	19.9	15.7	10.0	12.8
105°	19.9	19.9	18.5	18.5	18.5	17.1	15.7	12.8	8.5	7.1	7.1
107.5°	15.7	15.7	14.2	14.2	12.8	12.8	11.4	8.5	5.7	4.3	4.3
110°	12.8	12.8	11.4	11.4	11.4	10.0	8.5	7.1	4.3	2.8	2.8



REPORT NUMBER: P691292

CATALOG NUMBER: CRTK2-C015-D-U-T2-7030-SR-CARETAKER

CANDELA DISTRIBUTION (continued):

	92°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
112.5°	11.4	11.4	10.0	10.0	8.5	8.5	7.1	5.7	4.3	2.8	2.8
115°	10.0	10.0	8.5	7.1	7.1	7.1	5.7	4.3	2.8	1.4	2.8
117.5°	10.0	10.0	7.1	5.7	5.7	5.7	4.3	4.3	2.8	1.4	1.4
120°	8.5	8.5	5.7	5.7	4.3	4.3	4.3	2.8	1.4	1.4	1.4
122.5°	7.1	7.1	5.7	4.3	4.3	4.3	2.8	2.8	1.4	1.4	1.4
125°	7.1	7.1	4.3	4.3	4.3	2.8	2.8	2.8	1.4	0.0	0.0
127.5°	5.7	5.7	4.3	4.3	2.8	2.8	2.8	1.4	1.4	0.0	0.0
130°	4.3	4.3	4.3	4.3	2.8	2.8	2.8	1.4	1.4	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)