

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: P691332

Luminaire Tested: **CRTK2-C015-D-U-T3-7040-SR-CARETAKER**

Issue Date: 6/13/2023

Test Information

Test Method: LM-79-08
Report Number: P691332
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-C015-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: 4426 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: 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



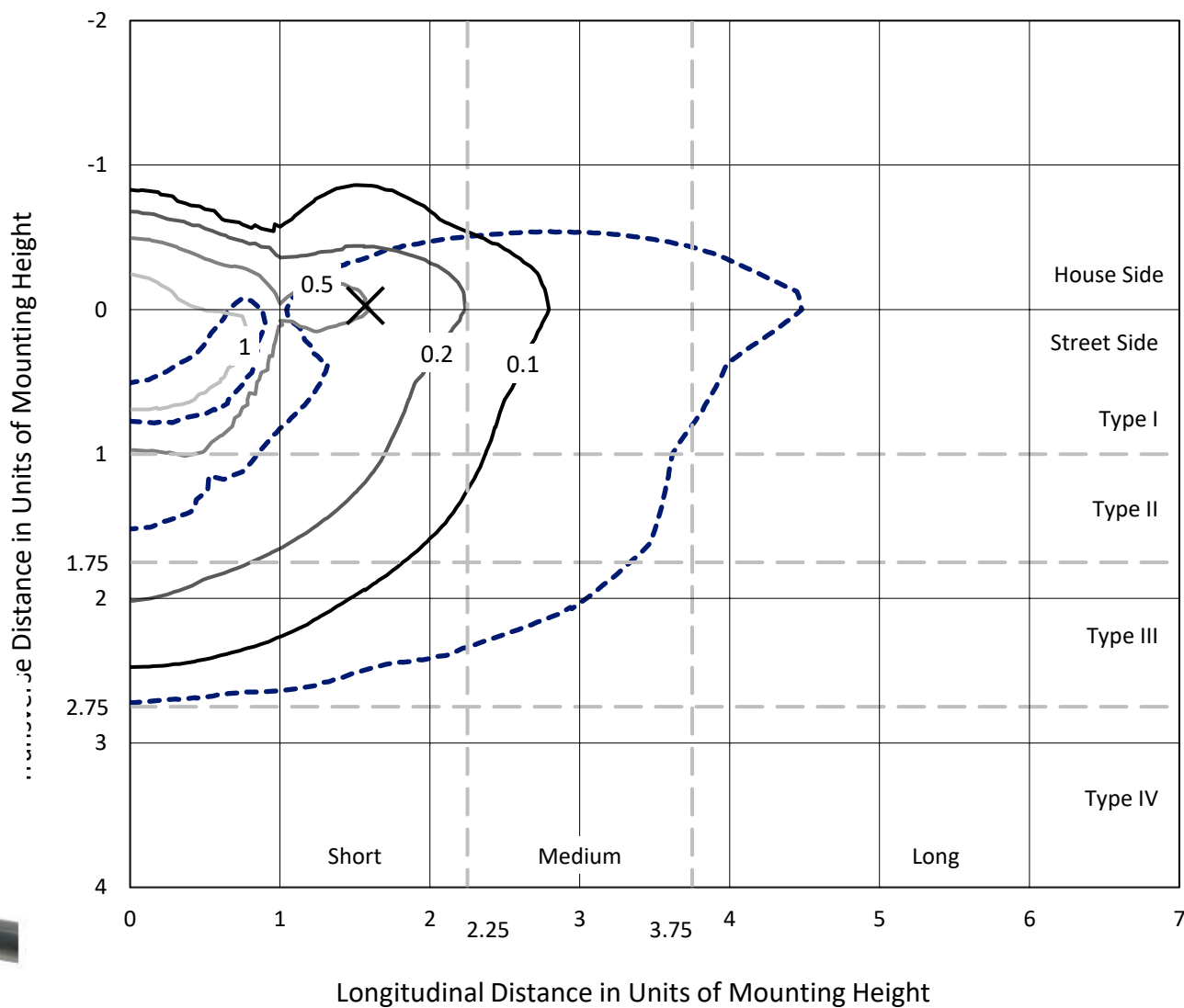
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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd

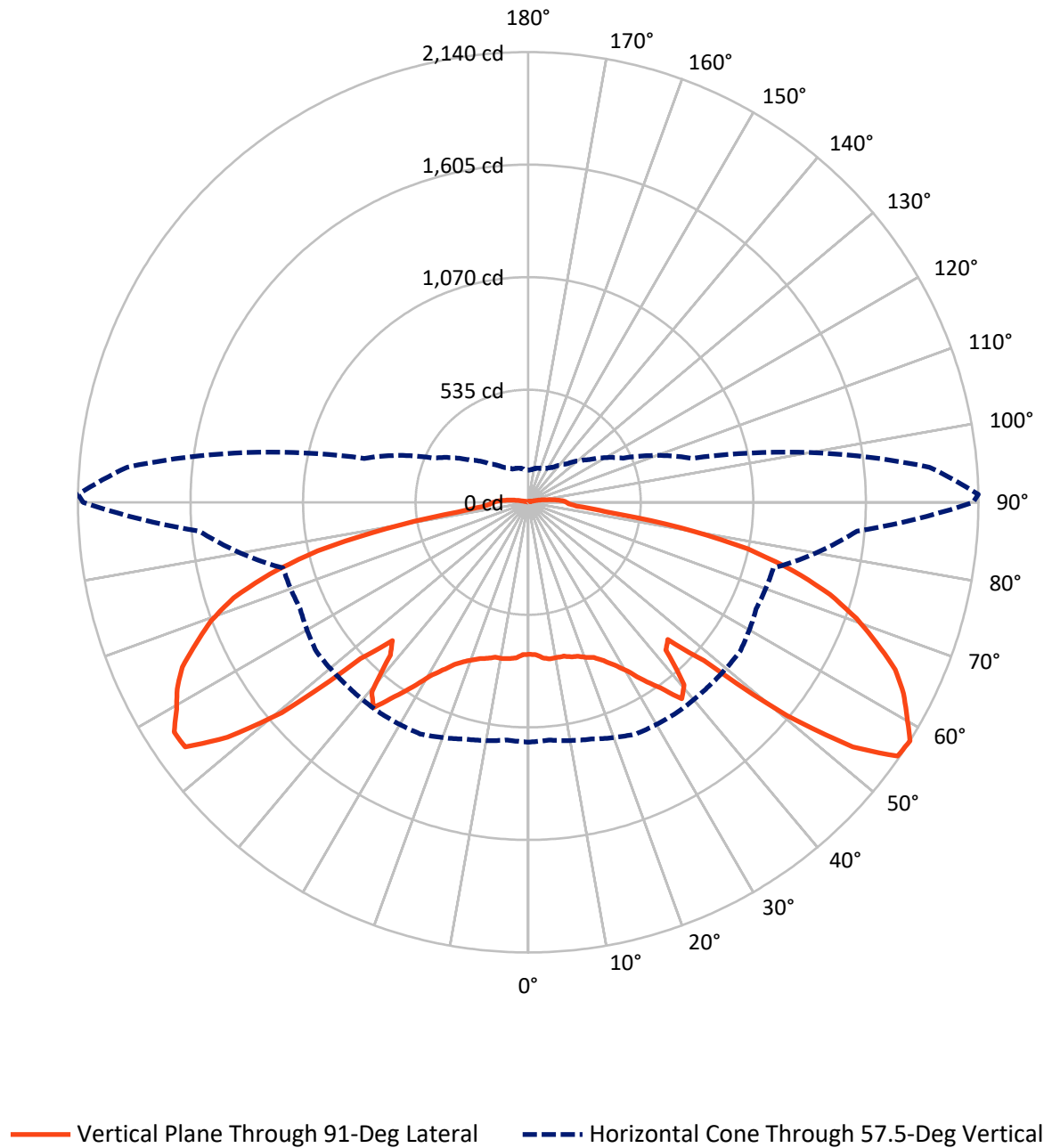


Based on 25 foot mounting height. Maximum calculated value = 1.2 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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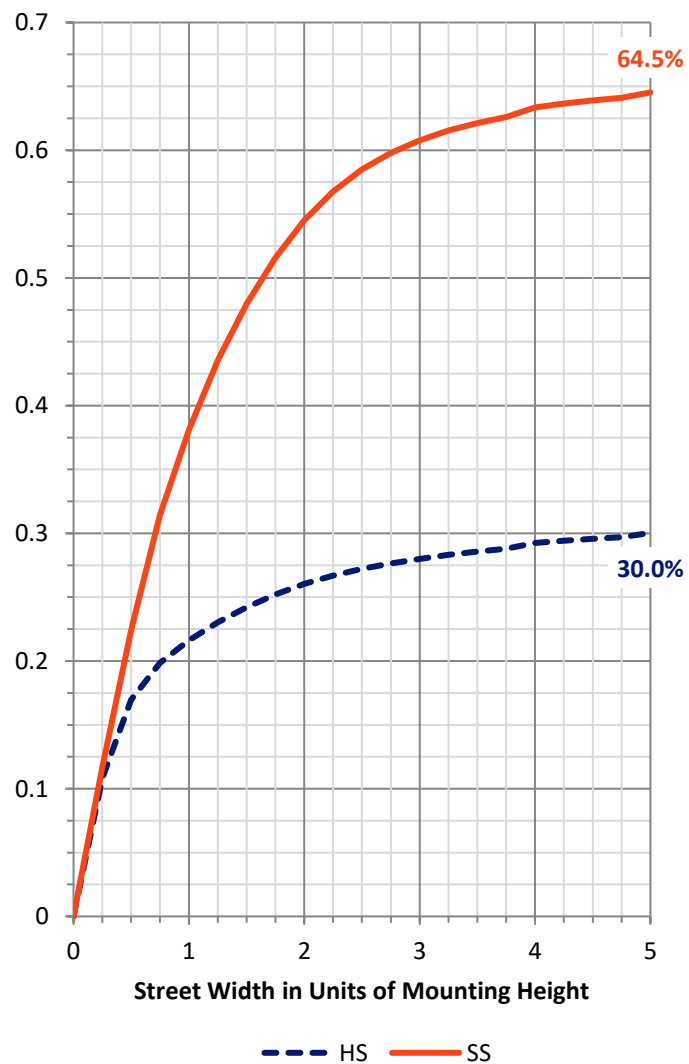
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1404.9	68.3	1473.2
	% Fixture	31.7	1.5	33.3
Street Side	Lumens	2894.3	58.5	2952.8
	% Fixture	65.4	1.3	66.7
Total	Lumens	4299.2	126.8	4426.0
	% Fixture	97.1	2.9	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	70.7	1.6
10°-20°	215.1	4.9
20°-30°	365.7	8.3
30°-40°	514.6	11.6
40°-50°	488.7	11.0
50°-60°	732.0	16.5
60°-70°	947.3	21.4
70°-80°	716.9	16.2
80°-90°	248.3	5.6
90°-100°	93.2	2.1
100°-110°	21.9	0.5
110°-120°	7.5	0.2
120°-130°	3.8	0.1
130°-140°	0.3	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°	4299.2	97.1
0°-180°	4426.0	100.0

Coefficient of Utilization



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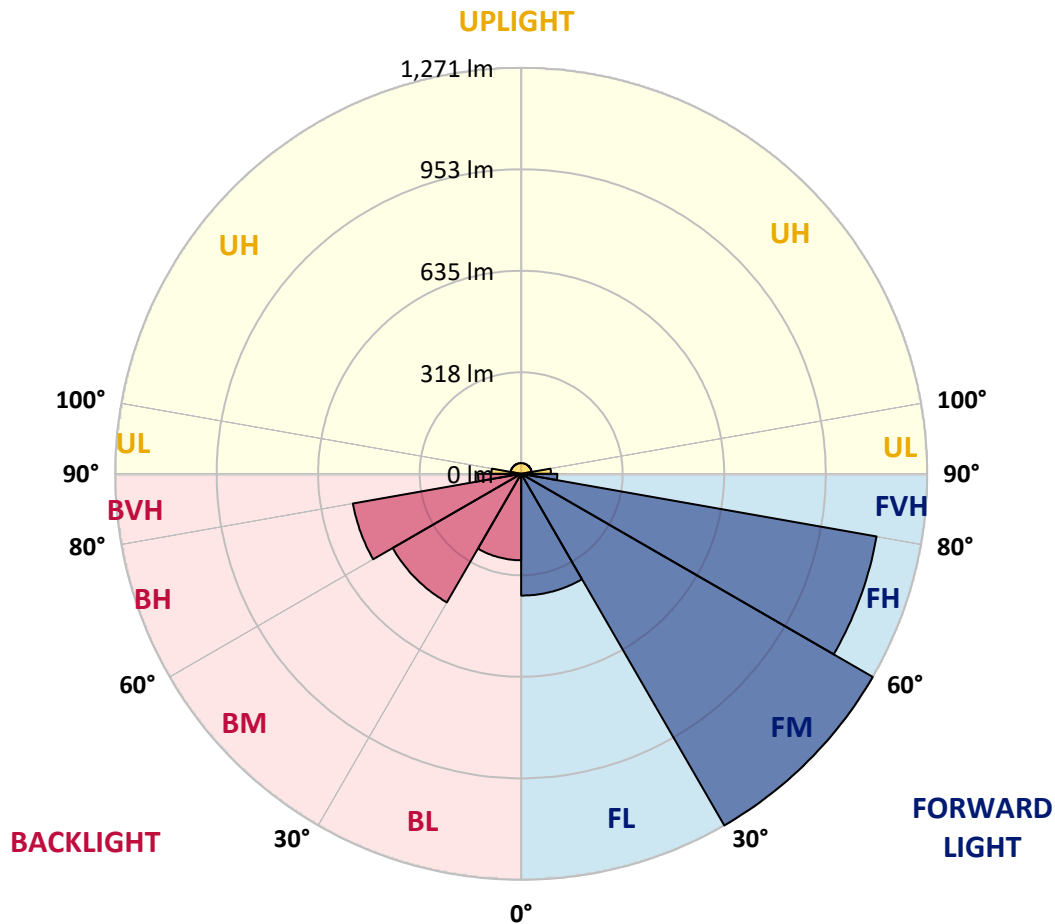
CATALOG NUMBER: CRTK2-C015-D-U-T3-7040-SR-CARETAKER

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	381.1	8.6			
FM	(30°-60°)	1270.6	28.7			
FH	(60°-80°)	1129.4	25.5			G1/1800
FVH	(80°-90°)	113.2	2.6			G2/225
BL	(0°-30°)	270.5	6.1	B1/500		
BM	(30°-60°)	464.7	10.5	B1/1000		
BH	(60°-80°)	534.7	12.1	B2/1000		G2/1000
BVH	(80°-90°)	135.1	3.1			G2/225
UL	(90°-100°)	93.2	2.1		U3/500	
UH	(100°-180°)	33.5	0.8		U2/50	

BUG Rating: B2-U3-G2

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	722.6	722.6	722.6	722.6	722.6	722.6	722.6	722.6	722.6	722.6	722.6
2.5°	709.4	709.4	709.4	710.9	715.3	718.2	719.7	718.2	719.7	722.6	725.6
5°	730.0	728.5	727.0	724.1	722.6	722.6	724.1	724.1	727.0	737.3	743.2
7.5°	749.0	746.1	744.6	744.6	743.2	735.8	734.4	730.0	728.5	741.7	750.5
10°	784.2	781.3	772.5	762.2	759.3	750.5	737.3	734.4	735.8	750.5	753.4
12.5°	816.4	815.0	809.1	798.9	784.2	775.4	756.3	747.5	749.0	757.8	751.9
15°	870.7	864.8	847.2	838.4	823.8	807.6	782.7	772.5	775.4	768.1	765.1
17.5°	902.9	898.5	898.5	882.4	872.1	844.3	820.8	801.8	809.1	790.1	773.9
20°	932.2	932.2	933.7	936.6	917.6	895.6	863.3	839.9	841.4	813.5	790.1
22.5°	977.7	973.3	977.7	982.1	968.9	949.8	910.3	886.8	876.5	841.4	810.6
25°	1024.6	1021.7	1021.7	1033.4	1037.8	1008.5	971.8	946.9	932.2	880.9	839.9
27.5°	1071.5	1073.0	1077.4	1081.7	1089.1	1074.4	1037.8	1018.7	999.7	927.8	886.8
30°	1109.6	1106.7	1125.7	1136.0	1143.3	1149.2	1108.1	1087.6	1067.1	987.9	939.6
32.5°	1152.1	1152.1	1169.7	1188.7	1199.0	1210.7	1177.0	1163.8	1141.8	1059.8	1027.5
35°	1187.3	1187.3	1213.7	1245.9	1265.0	1273.8	1256.2	1254.7	1250.3	1158.0	1111.1
37.5°	1068.6	1083.2	1124.3	1188.7	1262.0	1320.7	1325.1	1354.4	1369.0	1269.4	1209.3
40°	932.2	936.6	985.0	1042.2	1111.1	1184.4	1254.7	1341.2	1330.9	1210.7	1158.0
42.5°	839.9	851.6	913.2	957.2	1002.6	1048.0	1048.0	1045.1	971.8	993.8	973.3
45°	831.1	834.0	885.3	951.3	968.9	905.9	817.9	769.5	775.4	882.4	930.8
47.5°	922.0	926.4	979.1	1042.2	979.1	867.7	781.3	773.9	769.5	958.6	1122.8
50°	970.3	973.3	1023.1	1055.4	957.2	955.7	957.2	930.8	907.3	1257.6	1610.9
52.5°	999.7	1002.6	999.7	1040.7	1007.0	1084.7	1058.3	1014.3	996.7	1457.0	1902.6
55°	922.0	941.0	1020.2	1128.7	1131.6	1158.0	1147.7	1108.1	1106.7	1531.7	2121.0
57.5°	1140.4	1134.5	1165.3	1215.1	1223.9	1225.4	1231.3	1196.1	1206.3	1569.9	2115.1
60°	1291.4	1275.2	1243.0	1266.4	1276.7	1292.8	1313.3	1273.8	1285.5	1603.6	2022.8
62.5°	1433.5	1408.6	1284.0	1279.6	1295.8	1328.0	1357.3	1326.5	1336.8	1615.3	1958.3
65°	1413.0	1391.0	1297.2	1245.9	1269.4	1313.3	1354.4	1339.7	1336.8	1590.4	1879.1
67.5°	1218.1	1219.5	1209.3	1209.3	1200.5	1263.5	1329.5	1330.9	1316.3	1527.3	1760.4
70°	1046.6	1040.7	1056.8	1118.4	1127.2	1201.9	1289.9	1304.5	1285.5	1457.0	1646.1
72.5°	891.2	886.8	889.7	941.0	1014.3	1096.4	1196.1	1231.3	1203.4	1330.9	1506.8
75°	737.3	732.9	731.4	749.0	807.6	910.3	1024.6	1087.6	1064.2	1147.7	1303.1
77.5°	559.9	551.1	551.1	557.0	601.0	693.3	803.2	891.2	879.5	924.9	1051.0
80°	372.3	373.8	370.8	369.4	398.7	452.9	533.5	639.1	633.2	633.2	697.7
82.5°	236.0	236.0	240.4	225.7	222.8	228.7	247.7	290.2	293.2	321.0	343.0
85°	151.0	152.4	152.4	137.8	133.4	137.8	151.0	164.2	170.0	197.9	222.8
87.5°	109.9	109.9	107.0	104.1	105.5	109.9	120.2	131.9	142.2	164.2	186.2
90°	83.5	83.5	82.1	80.6	83.5	89.4	102.6	115.8	129.0	153.9	174.4
92.5°	68.9	68.9	67.4	67.4	68.9	73.3	85.0	99.7	112.9	133.4	152.4
95°	57.2	58.6	57.2	58.6	60.1	63.0	70.4	82.1	90.9	104.1	117.3
97.5°	45.4	46.9	46.9	46.9	48.4	52.8	57.2	64.5	70.4	76.2	85.0
100°	33.7	35.2	35.2	35.2	36.6	41.0	45.4	48.4	49.8	51.3	55.7
102.5°	24.9	26.4	26.4	26.4	26.4	29.3	30.8	32.2	32.2	32.2	33.7
105°	17.6	17.6	17.6	17.6	17.6	17.6	19.1	19.1	19.1	19.1	19.1
107.5°	13.2	13.2	13.2	13.2	13.2	13.2	14.7	14.7	14.7	14.7	14.7
110°	11.7	11.7	11.7	11.7	11.7	11.7	11.7	13.2	11.7	11.7	13.2

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CATALOG NUMBER: CRTK2-C015-D-U-T3-7040-SR-CARETAKER

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	10.3	10.3	10.3	10.3	10.3	10.3	11.7	11.7	10.3	10.3	10.3
115°	8.8	8.8	8.8	8.8	8.8	8.8	10.3	10.3	8.8	8.8	8.8
117.5°	7.3	7.3	7.3	7.3	7.3	7.3	8.8	8.8	7.3	8.8	8.8
120°	7.3	8.8	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	8.8
122.5°	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	7.3	7.3
125°	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
127.5°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	5.9	5.9
130°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
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°	722.6	722.6	722.6	722.6	722.6	722.6	722.6	722.6	722.6	722.6	722.6
2.5°	725.6	728.5	734.4	740.2	746.1	751.9	754.9	756.3	757.8	754.9	756.3
5°	743.2	746.1	754.9	763.7	762.2	757.8	751.9	751.9	753.4	753.4	756.3
7.5°	751.9	756.3	753.4	754.9	757.8	753.4	747.5	740.2	731.4	731.4	732.9
10°	750.5	746.1	750.5	746.1	735.8	734.4	731.4	721.2	715.3	716.8	716.8
12.5°	750.5	749.0	740.2	735.8	727.0	710.9	703.6	706.5	699.2	700.6	697.7
15°	762.2	751.9	740.2	725.6	706.5	697.7	687.5	671.3	669.9	669.9	669.9
17.5°	769.5	762.2	735.8	706.5	693.3	671.3	659.6	655.2	643.5	647.9	650.8
20°	787.1	769.5	731.4	700.6	655.2	642.0	623.0	618.6	612.7	595.1	589.2
22.5°	801.8	785.7	727.0	672.8	634.7	603.9	574.6	554.1	543.8	536.5	530.6
25°	834.0	809.1	731.4	659.6	601.0	561.4	535.0	498.4	473.4	470.5	473.4
27.5°	876.5	837.0	741.7	642.0	574.6	513.0	460.3	435.3	409.0	400.2	401.6
30°	930.8	878.0	740.2	625.9	527.7	457.3	389.9	347.4	326.9	318.1	316.6
32.5°	1008.5	935.2	773.9	605.4	485.2	379.6	306.3	253.6	243.3	241.9	240.4
35°	1084.7	1027.5	790.1	574.6	423.6	304.9	231.6	199.3	197.9	196.4	194.9
37.5°	1185.8	1118.4	835.5	555.5	365.0	230.1	186.2	162.7	158.3	151.0	153.9
40°	1140.4	1084.7	848.7	526.2	282.9	170.0	139.2	120.2	117.3	118.7	117.3
42.5°	960.1	919.0	740.2	452.9	194.9	124.6	104.1	107.0	112.9	117.3	117.3
45°	930.8	850.2	533.5	321.0	126.1	104.1	101.1	105.5	115.8	126.1	127.5
47.5°	1124.3	1021.7	467.6	247.7	145.1	118.7	108.5	108.5	114.3	115.8	114.3
50°	1593.3	1437.9	546.7	284.4	180.3	143.6	124.6	117.3	120.2	123.1	121.7
52.5°	1931.9	1737.0	623.0	340.1	225.7	171.5	146.6	129.0	126.1	126.1	124.6
55°	2129.8	1908.4	712.4	419.2	282.9	206.7	170.0	149.5	142.2	136.3	136.3
57.5°	2140.0	1914.3	806.2	496.9	353.3	258.0	202.3	174.4	168.6	155.4	152.4
60°	2068.2	1889.4	878.0	574.6	420.7	329.8	258.0	216.9	209.6	202.3	197.9
62.5°	2002.3	1848.4	913.2	639.1	492.5	410.4	328.3	271.2	247.7	256.5	262.4
65°	1917.2	1802.9	889.7	644.9	524.8	458.8	379.6	296.1	256.5	275.6	285.8
67.5°	1786.8	1684.2	831.1	592.2	489.6	429.5	356.2	278.5	247.7	255.0	255.0
70°	1654.9	1544.9	773.9	551.1	441.2	378.2	309.3	249.2	244.8	240.4	240.4
72.5°	1499.5	1369.0	699.2	526.2	422.1	367.9	300.5	250.6	262.4	268.2	268.2
75°	1303.1	1158.0	620.0	504.2	413.4	375.2	302.0	269.7	290.2	293.2	293.2
77.5°	1067.1	908.8	527.7	464.7	388.4	360.6	281.4	265.3	285.8	290.2	291.7
80°	734.4	643.5	442.7	404.6	347.4	323.9	259.4	258.0	278.5	288.8	290.2
82.5°	372.3	366.4	322.5	318.1	296.1	282.9	240.4	250.6	272.6	287.3	288.8
85°	230.1	238.9	215.5	212.5	219.9	225.7	218.4	238.9	255.0	271.2	274.1
87.5°	192.0	202.3	180.3	171.5	174.4	184.7	193.5	215.5	230.1	243.3	244.8
90°	180.3	189.1	153.9	146.6	152.4	159.8	165.6	177.4	189.1	196.4	196.4
92.5°	158.3	161.2	127.5	121.7	130.5	134.9	133.4	136.3	136.3	121.7	121.7
95°	121.7	121.7	96.7	96.7	104.1	105.5	95.3	86.5	80.6	48.4	41.0
97.5°	87.9	86.5	70.4	70.4	76.2	74.8	63.0	52.8	44.0	27.8	29.3
100°	58.6	57.2	46.9	49.8	52.8	46.9	39.6	32.2	26.4	17.6	20.5
102.5°	35.2	33.7	30.8	32.2	30.8	29.3	23.5	19.1	16.1	10.3	11.7
105°	20.5	19.1	19.1	19.1	19.1	17.6	16.1	11.7	8.8	5.9	5.9
107.5°	14.7	14.7	14.7	13.2	13.2	11.7	10.3	8.8	5.9	4.4	2.9
110°	13.2	11.7	11.7	11.7	10.3	10.3	8.8	7.3	4.4	2.9	2.9

REPORT NUMBER: P691332

CATALOG NUMBER: CRTK2-C015-D-U-T3-7040-SR-CARETAKER

CANDELA DISTRIBUTION (continued):

	91°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
112.5°	10.3	10.3	10.3	8.8	8.8	7.3	5.9	5.9	4.4	1.5	1.5
115°	8.8	8.8	7.3	7.3	5.9	5.9	4.4	4.4	2.9	1.5	1.5
117.5°	8.8	8.8	5.9	5.9	4.4	4.4	4.4	2.9	1.5	1.5	1.5
120°	8.8	7.3	5.9	4.4	4.4	4.4	2.9	2.9	1.5	0.0	1.5
122.5°	7.3	7.3	4.4	4.4	2.9	2.9	2.9	1.5	1.5	0.0	0.0
125°	5.9	5.9	4.4	2.9	2.9	2.9	2.9	1.5	1.5	0.0	0.0
127.5°	5.9	5.9	4.4	2.9	2.9	2.9	2.9	1.5	1.5	0.0	0.0
130°	4.4	4.4	2.9	2.9	2.9	2.9	1.5	1.5	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)