

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: P691200

Luminaire Tested: **CRTK2-C015-5TLD-U-T2-7030-SR-CARETAKER**

Issue Date: 6/13/2023

Test Information

Test Method: LM-79-08
Report Number: P691200
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-C015-5TLD-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: 4698 lumens
Efficiency: N/A
Efficacy: 143.7 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): 32.7
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

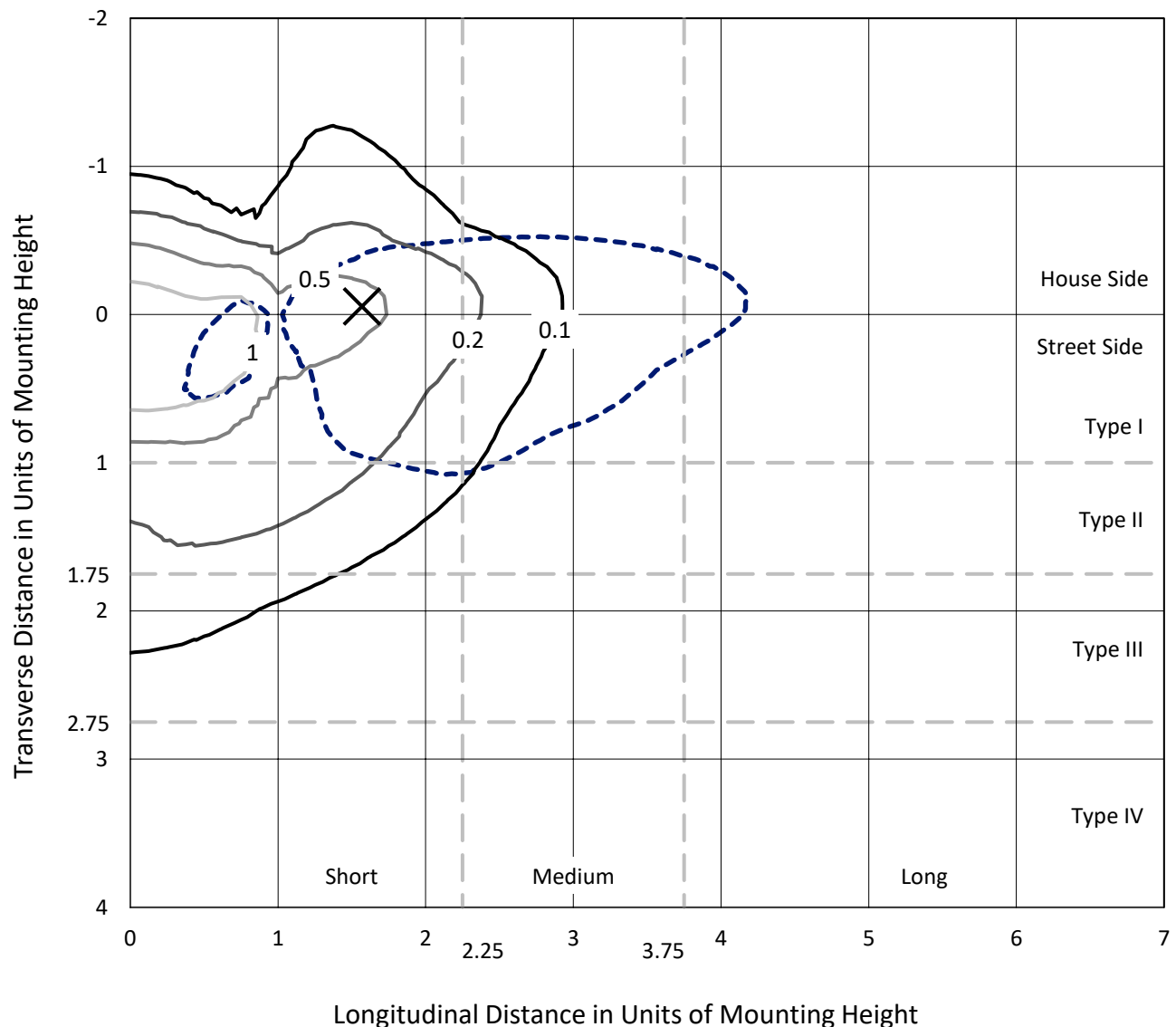


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

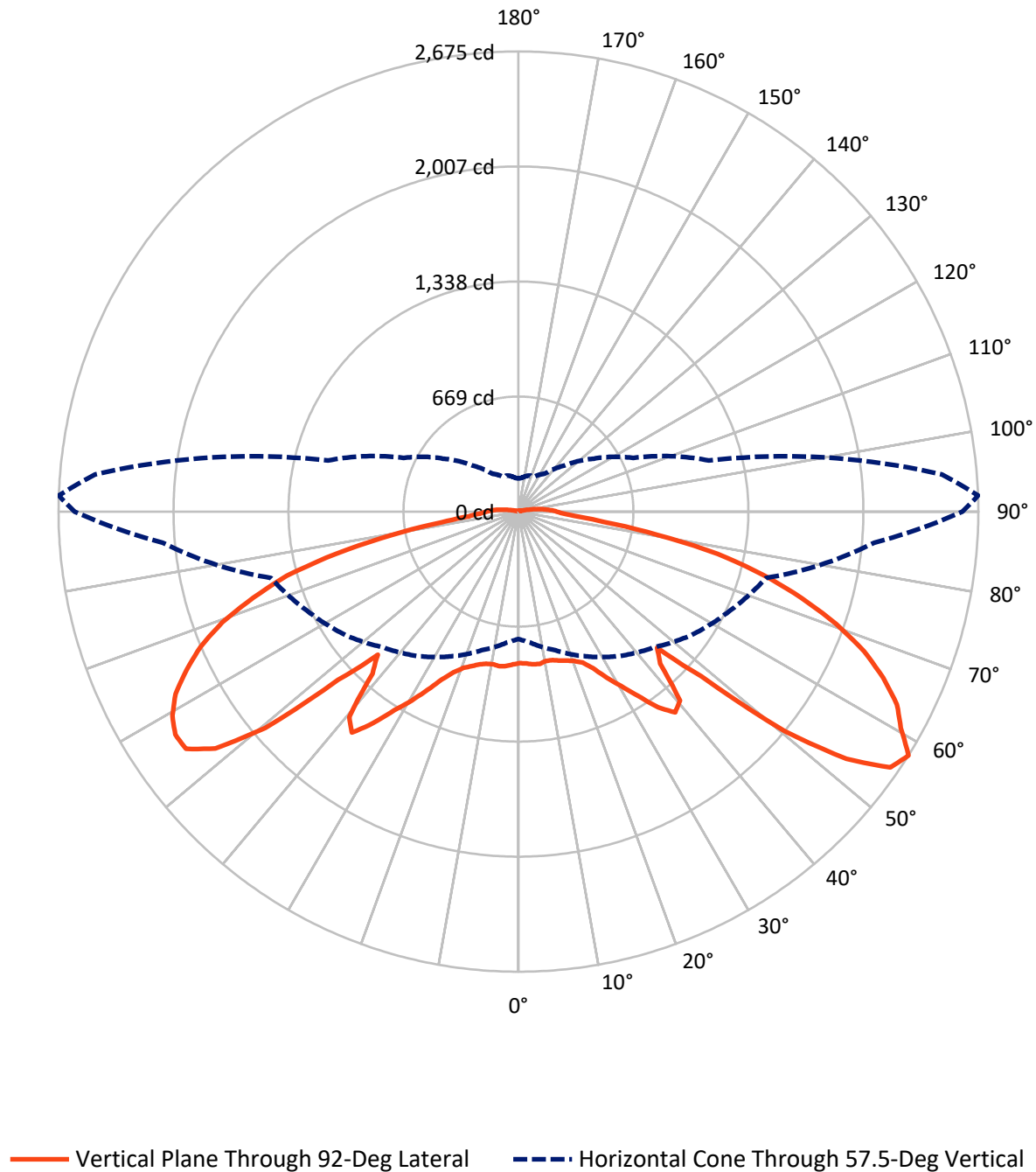


Based on 25 foot mounting height. Maximum calculated value = 1.6 fc
 Type I - Short - N/A

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Luminous Intensity Polar Plot



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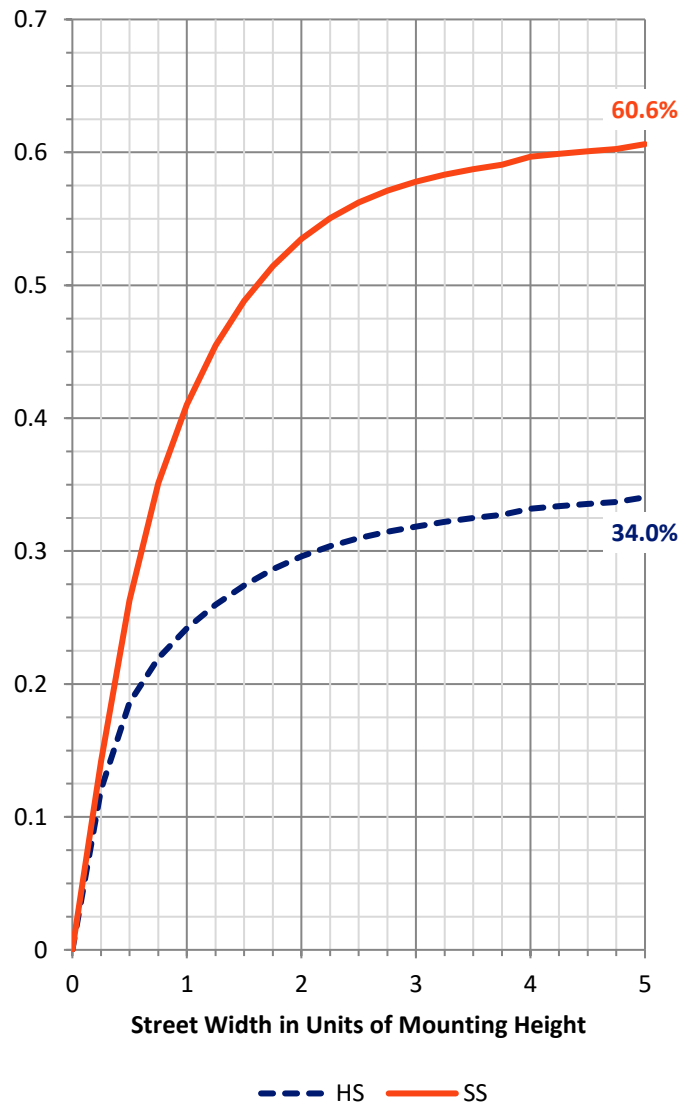
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1676.3	73.2	1749.5
	% Fixture	35.7	1.6	37.2
Street Side	Lumens	2888.7	59.8	2948.5
	% Fixture	61.5	1.3	62.8
Total	Lumens	4565.0	133.0	4698.0
	% Fixture	97.2	2.8	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	84.5	1.8
10°-20°	248.9	5.3
20°-30°	412.9	8.8
30°-40°	571.5	12.2
40°-50°	533.6	11.4
50°-60°	797.3	17.0
60°-70°	947.1	20.2
70°-80°	695.1	14.8
80°-90°	274.0	5.8
90°-100°	96.5	2.1
100°-110°	22.8	0.5
110°-120°	8.8	0.2
120°-130°	4.5	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°	4565.0	97.2
0°-180°	4698.0	100.0

Coefficient of Utilization



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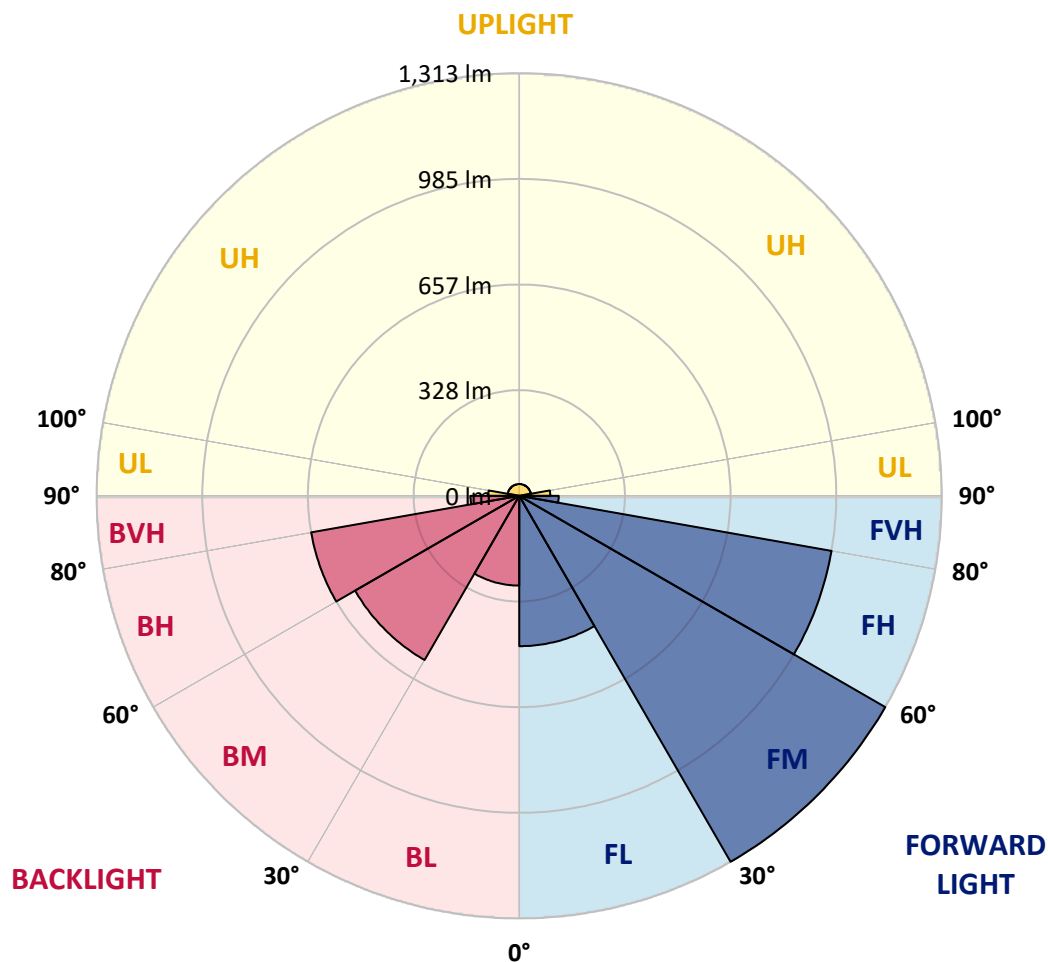
CATALOG NUMBER: CRTK2-C015-5TLD-U-T2-7030-SR-CARETAKER

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	467.3	9.9			
FM	(30°-60°)	1313.3	28.0			
FH	(60°-80°)	985.6	21.0			G1/1800
FVH	(80°-90°)	122.5	2.6			G2/225
BL	(0°-30°)	279.0	5.9	B1/500		
BM	(30°-60°)	589.1	12.5	B1/1000		
BH	(60°-80°)	656.6	14.0	B2/1000		G2/1000
BVH	(80°-90°)	151.6	3.2			G2/225
UL	(90°-100°)	96.5	2.1		U3/500	
UH	(100°-180°)	36.5	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°	881.3	881.3	881.3	881.3	881.3	881.3	881.3	881.3	881.3	881.3	881.3
2.5°	919.2	912.9	914.5	912.9	909.7	906.6	903.4	900.3	895.5	890.8	887.6
5°	973.0	966.7	966.7	966.7	960.4	950.9	938.2	930.3	919.2	906.6	897.1
7.5°	1009.4	1004.7	1003.1	1001.5	993.6	987.3	973.0	947.7	930.3	914.5	900.3
10°	1022.1	1022.1	1020.5	1015.8	1007.8	999.9	990.4	966.7	938.2	911.3	892.3
12.5°	1045.8	1049.0	1044.2	1036.3	1033.2	1023.7	1009.4	990.4	958.8	917.7	895.5
15°	1082.2	1080.6	1074.3	1072.7	1069.5	1058.5	1045.8	1022.1	985.7	933.5	908.2
17.5°	1098.0	1096.4	1096.4	1096.4	1096.4	1088.5	1087.0	1060.1	1022.1	958.8	927.2
20°	1101.2	1101.2	1105.9	1117.0	1118.6	1117.0	1124.9	1107.5	1063.2	990.4	947.7
22.5°	1121.8	1123.3	1131.3	1142.3	1150.2	1153.4	1159.7	1167.6	1126.5	1041.1	987.3
25°	1110.7	1118.6	1136.0	1153.4	1172.4	1183.5	1218.3	1245.2	1210.4	1115.4	1042.6
27.5°	1091.7	1098.0	1132.8	1164.5	1207.2	1253.1	1303.7	1338.5	1317.9	1207.2	1131.3
30°	1109.1	1109.1	1131.3	1183.5	1238.8	1322.7	1397.1	1435.0	1425.5	1303.7	1234.1
32.5°	1072.7	1082.2	1129.7	1205.6	1289.5	1398.6	1474.6	1545.8	1555.3	1428.7	1316.4
35°	965.1	985.7	1017.3	1117.0	1259.4	1449.3	1566.3	1656.5	1696.1	1571.1	1439.8
37.5°	797.4	805.3	871.8	971.5	1140.7	1329.0	1531.5	1751.5	1833.7	1678.7	1563.2
40°	704.1	708.8	751.5	838.5	980.9	1166.1	1336.9	1563.2	1628.1	1612.2	1503.1
42.5°	672.4	680.3	731.0	814.8	935.1	1063.2	1107.5	1205.6	1180.3	1248.3	1283.1
45°	710.4	715.1	751.5	824.3	900.3	955.6	924.0	993.6	1028.4	1162.9	1170.8
47.5°	737.3	740.5	780.0	871.8	884.4	886.0	928.7	969.9	1066.4	1357.5	1487.2
50°	632.9	648.7	724.6	803.7	810.1	935.1	1056.9	1139.2	1257.8	1787.9	2036.3
52.5°	587.0	594.9	677.2	814.8	906.6	1052.1	1139.2	1221.4	1335.4	1974.5	2411.2
55°	643.9	656.6	754.7	908.2	999.9	1099.6	1208.8	1310.0	1422.4	2071.1	2578.9
57.5°	740.5	764.2	835.4	928.7	1025.2	1115.4	1242.0	1359.1	1490.4	2077.4	2582.1
60°	931.9	914.5	874.9	916.1	1009.4	1112.3	1257.8	1382.8	1528.4	2075.8	2509.3
62.5°	1063.2	1037.9	906.6	887.6	974.6	1079.0	1223.0	1379.7	1520.5	2006.2	2427.0
65°	1037.9	1020.5	919.2	849.6	912.9	1025.2	1175.6	1360.7	1482.5	1931.8	2278.3
67.5°	895.5	874.9	832.2	805.3	837.0	968.3	1131.3	1322.7	1438.2	1846.4	2115.4
70°	731.0	719.9	705.6	734.1	773.7	897.1	1050.6	1240.4	1354.3	1683.4	1941.3
72.5°	620.2	613.9	596.5	626.5	693.0	803.7	931.9	1121.8	1249.9	1463.5	1726.1
75°	522.1	523.7	514.2	533.2	575.9	685.1	786.3	971.5	1113.8	1256.2	1493.6
77.5°	428.8	424.0	433.5	444.6	473.1	552.2	620.2	781.6	950.9	996.8	1145.5
80°	313.3	321.2	338.6	337.0	360.7	395.5	441.4	526.9	667.7	713.6	770.5
82.5°	221.5	231.0	246.8	229.4	232.6	242.1	262.6	302.2	376.6	422.4	469.9
85°	156.6	161.4	164.5	151.9	151.9	158.2	172.5	200.9	246.8	275.3	300.6
87.5°	113.9	115.5	121.8	115.5	117.1	120.2	132.9	151.9	189.9	210.4	231.0
90°	87.0	87.0	90.2	88.6	91.8	98.1	110.8	126.6	155.1	180.4	199.4
92.5°	63.3	63.3	66.5	68.0	69.6	77.5	88.6	101.3	120.2	151.9	170.9
95°	49.0	49.0	52.2	52.2	53.8	60.1	69.6	82.3	96.5	118.7	136.1
97.5°	36.4	36.4	39.6	39.6	41.1	45.9	53.8	61.7	74.4	88.6	96.5
100°	28.5	28.5	30.1	30.1	31.6	36.4	41.1	45.9	49.0	57.0	60.1
102.5°	23.7	23.7	23.7	23.7	23.7	26.9	28.5	28.5	30.1	34.8	36.4
105°	19.0	19.0	19.0	17.4	17.4	19.0	19.0	19.0	20.6	20.6	22.2
107.5°	14.2	14.2	14.2	14.2	14.2	15.8	15.8	15.8	15.8	17.4	17.4
110°	12.7	12.7	12.7	12.7	12.7	12.7	14.2	14.2	14.2	14.2	14.2



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CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	11.1	11.1	11.1	11.1	11.1	11.1	12.7	12.7	12.7	12.7	12.7
115°	9.5	9.5	9.5	9.5	9.5	11.1	12.7	11.1	11.1	11.1	11.1
117.5°	7.9	7.9	7.9	9.5	9.5	9.5	11.1	9.5	9.5	9.5	11.1
120°	6.3	6.3	7.9	7.9	7.9	7.9	7.9	7.9	9.5	9.5	9.5
122.5°	6.3	6.3	6.3	6.3	6.3	7.9	7.9	7.9	7.9	7.9	9.5
125°	4.7	4.7	4.7	6.3	6.3	6.3	6.3	6.3	6.3	7.9	7.9
127.5°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	6.3	6.3	6.3
130°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
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°	881.3	881.3	881.3	881.3	881.3	881.3	881.3	881.3	881.3	881.3	881.3
2.5°	884.4	884.4	874.9	865.4	856.0	846.5	838.5	833.8	827.5	829.1	829.1
5°	892.3	887.6	867.0	854.4	840.1	827.5	814.8	803.7	800.6	799.0	792.7
7.5°	893.9	886.0	863.9	844.9	818.0	787.9	773.7	761.0	753.1	759.4	756.3
10°	882.9	873.4	848.0	819.6	781.6	756.3	734.1	721.5	715.1	716.7	715.1
12.5°	886.0	874.9	833.8	791.1	759.4	716.7	689.8	678.8	670.8	670.8	666.1
15°	898.7	879.7	821.1	776.8	724.6	688.2	656.6	648.7	645.5	642.4	637.6
17.5°	911.3	884.4	819.6	751.5	693.0	653.4	621.8	607.6	599.6	599.6	598.1
20°	927.2	893.9	810.1	724.6	662.9	610.7	572.7	560.1	553.8	552.2	549.0
22.5°	954.0	919.2	805.3	713.6	623.4	569.6	533.2	509.5	496.8	495.2	495.2
25°	1007.8	965.1	814.8	683.5	596.5	526.9	482.6	458.8	444.6	444.6	443.0
27.5°	1093.3	1025.2	829.1	672.4	545.8	481.0	435.1	398.7	386.0	386.0	387.6
30°	1177.1	1117.0	865.4	648.7	517.4	420.9	365.5	338.6	322.8	316.4	318.0
32.5°	1276.8	1213.5	916.1	632.9	460.4	349.7	299.0	284.8	261.1	254.7	250.0
35°	1398.6	1306.9	973.0	610.7	416.1	297.4	256.3	227.8	216.8	208.8	207.3
37.5°	1480.9	1400.2	1023.7	615.5	354.4	269.0	223.1	193.0	181.9	183.5	183.5
40°	1446.1	1352.8	1036.3	583.8	302.2	234.2	186.7	169.3	163.0	164.5	166.1
42.5°	1208.8	1159.7	857.5	522.1	250.0	188.3	156.6	156.6	161.4	156.6	156.6
45°	1129.7	1006.3	623.4	367.1	188.3	155.1	148.7	153.5	164.5	164.5	164.5
47.5°	1430.3	1291.1	558.5	306.9	210.4	174.0	161.4	153.5	155.1	153.5	153.5
50°	2006.2	1787.9	749.9	382.9	254.7	207.3	183.5	167.7	167.7	164.5	161.4
52.5°	2389.1	2159.7	912.9	479.4	319.6	242.1	210.4	181.9	172.5	166.1	164.5
55°	2626.4	2452.4	1053.7	613.9	416.1	288.0	234.2	204.1	189.9	177.2	175.6
57.5°	2675.4	2472.9	1147.1	737.3	536.4	378.1	269.0	226.3	216.8	196.2	193.0
60°	2555.2	2420.7	1183.5	818.0	640.8	498.4	351.2	262.6	242.1	227.8	224.7
62.5°	2471.3	2316.3	1170.8	844.9	705.6	598.1	462.0	322.8	264.2	265.8	280.0
65°	2330.5	2226.1	1077.5	805.3	702.5	631.3	519.0	373.4	272.1	269.0	286.4
67.5°	2169.2	2086.9	984.1	718.3	647.1	585.4	482.6	356.0	257.9	242.1	243.7
70°	1961.9	1892.3	889.2	669.3	596.5	519.0	419.3	308.5	254.7	229.4	229.4
72.5°	1723.0	1640.7	810.1	632.9	569.6	498.4	401.9	297.4	273.7	264.2	272.1
75°	1469.8	1365.4	748.4	598.1	550.6	498.4	400.3	297.4	273.7	265.8	265.8
77.5°	1185.0	1123.3	681.9	542.7	512.6	474.7	368.6	276.9	269.0	265.8	265.8
80°	819.6	810.1	555.3	471.5	463.6	449.3	346.5	267.4	267.4	262.6	256.3
82.5°	503.1	479.4	397.1	352.8	379.7	400.3	314.9	251.6	245.2	240.5	237.3
85°	325.9	327.5	278.5	246.8	262.6	305.4	265.8	227.8	218.3	221.5	221.5
87.5°	250.0	257.9	218.3	200.9	197.8	207.3	208.8	204.1	197.8	193.0	194.6
90°	215.2	218.3	175.6	161.4	159.8	163.0	163.0	172.5	172.5	156.6	147.1
92.5°	180.4	185.1	145.6	131.3	131.3	136.1	139.2	139.2	126.6	102.8	91.8
95°	142.4	145.6	115.5	104.4	106.0	106.0	104.4	99.7	77.5	45.9	41.1
97.5°	99.7	101.3	85.4	79.1	80.7	77.5	68.0	61.7	47.5	26.9	25.3
100°	63.3	64.9	53.8	52.2	57.0	50.6	44.3	41.1	28.5	17.4	20.6
102.5°	38.0	38.0	33.2	31.6	34.8	30.1	26.9	22.2	17.4	11.1	14.2
105°	22.2	22.2	20.6	20.6	20.6	19.0	17.4	14.2	9.5	7.9	7.9
107.5°	17.4	17.4	15.8	15.8	14.2	14.2	12.7	9.5	6.3	4.7	4.7
110°	14.2	14.2	12.7	12.7	12.7	11.1	9.5	7.9	4.7	3.2	3.2



REPORT NUMBER: P691200

CATALOG NUMBER: CRTK2-C015-5TLD-U-T2-7030-SR-CARETAKER

CANDELA DISTRIBUTION (continued):

	92°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
112.5°	12.7	12.7	11.1	11.1	9.5	9.5	7.9	6.3	4.7	3.2	3.2
115°	11.1	11.1	9.5	7.9	7.9	7.9	6.3	4.7	3.2	1.6	3.2
117.5°	11.1	11.1	7.9	6.3	6.3	6.3	4.7	4.7	3.2	1.6	1.6
120°	9.5	9.5	6.3	6.3	4.7	4.7	4.7	3.2	1.6	1.6	1.6
122.5°	7.9	7.9	6.3	4.7	4.7	4.7	3.2	3.2	1.6	1.6	1.6
125°	7.9	7.9	4.7	4.7	4.7	3.2	3.2	3.2	1.6	0.0	0.0
127.5°	6.3	6.3	4.7	4.7	3.2	3.2	3.2	1.6	1.6	0.0	0.0
130°	4.7	4.7	4.7	4.7	3.2	3.2	3.2	1.6	1.6	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)