

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: P691343

Luminaire Tested: **CRTK2-C015-D-U-T3-7050**

Issue Date: 6/13/2023

**Test Information**

Test Method: LM-79-08  
Report Number: P691343  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-903-9)  
Test Lab: INNOVATION CENTER  
Issue Date: 6/13/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: CRTK2-C015-D-U-T3-7050  
Description: CARETAKER AREA AND ROADWAY LUMINAIRE  
(1) 70 CRI, 5000K LED WITH TYPE III OPTIC  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4525 lumens  
Efficiency: N/A  
Efficacy: 151.3 lumens/watt  
Luminous Opening: Vertical Cylinder (Dia: 0.33' x H: 0.08')  
IES Classification: Type III - Medium  
BUG Rating: B1 - U3 - G1

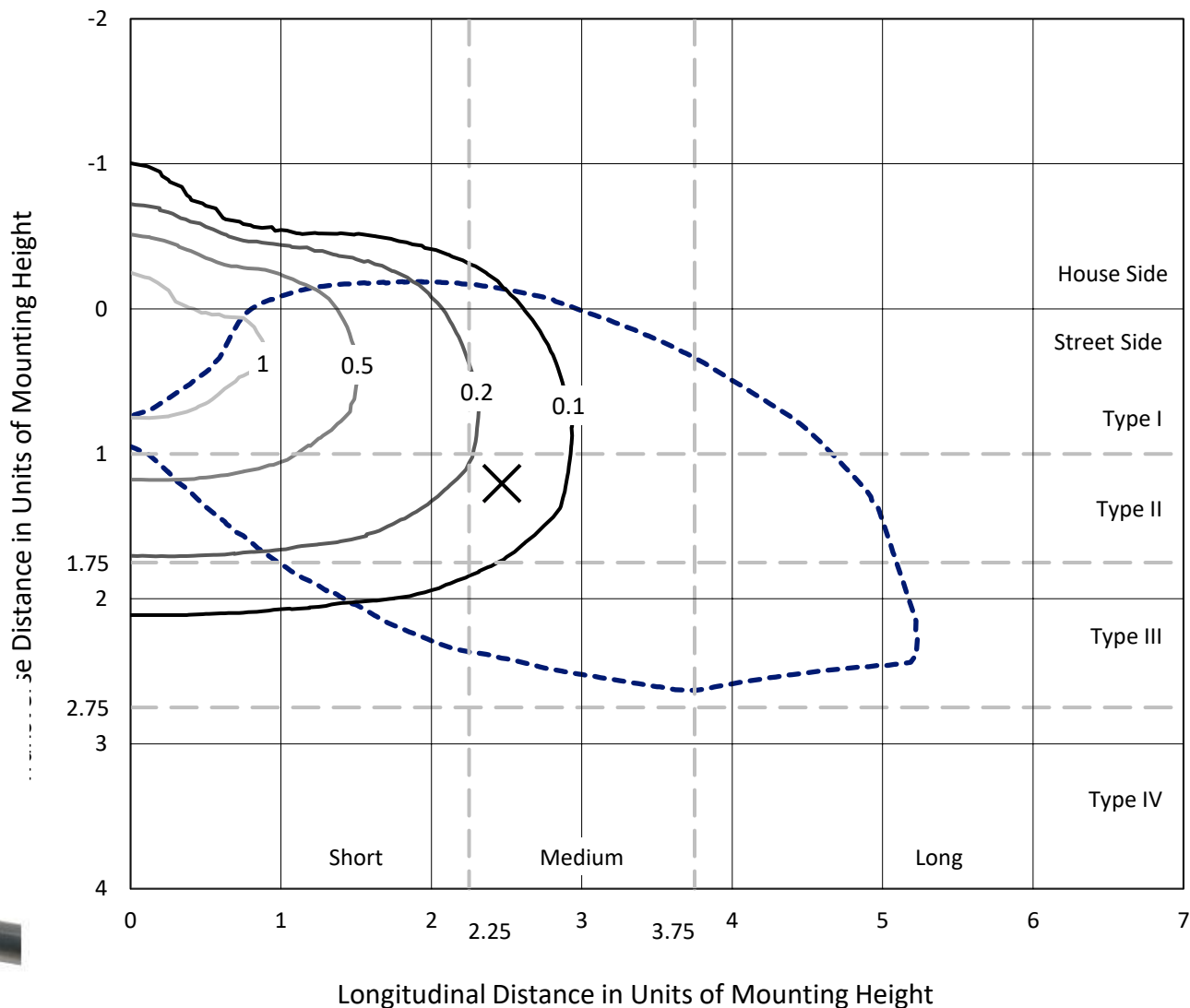
Input Watts (W): 29.9  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

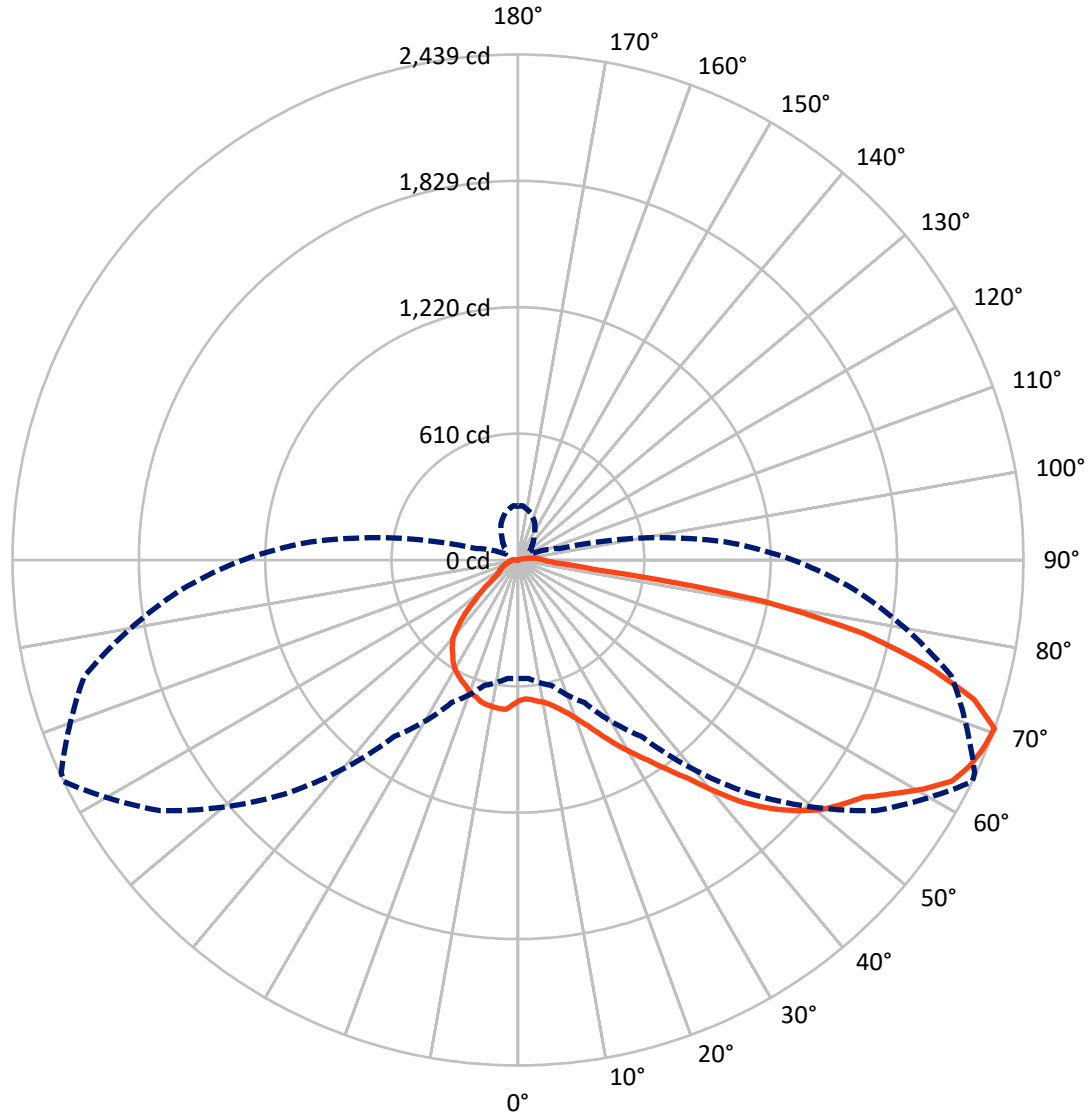
✕ Max cd  
 - - - 1/2 Max cd



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

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### Luminous Intensity Polar Plot



— Vertical Plane Through 64-Deg Lateral    - - - Horizontal Cone Through 70-Deg Vertical

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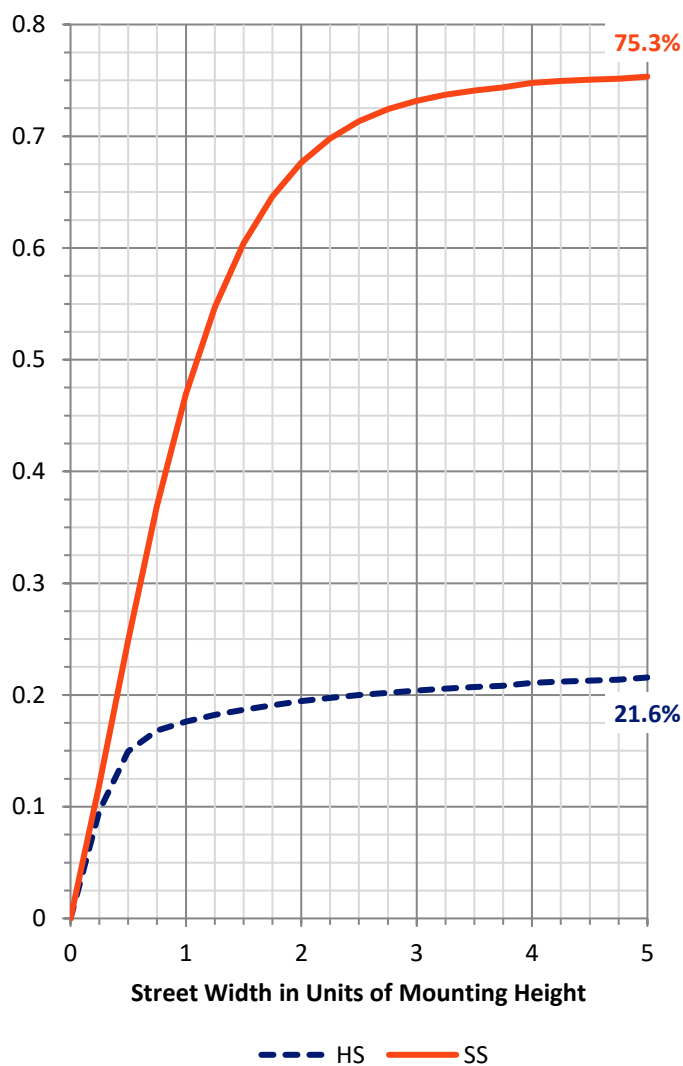
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	1031.6	28.0	1059.5
	% Fixture	22.8	0.6	23.4
<b>Street Side</b>	Lumens	3429.4	36.1	3465.5
	% Fixture	75.8	0.8	76.6
<b>Total</b>	Lumens	4461.0	64.1	4525.0
	% Fixture	98.6	1.4	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	67.7	1.5
10°-20°	210.7	4.7
20°-30°	365.5	8.1
30°-40°	530.4	11.7
40°-50°	711.8	15.7
50°-60°	860.6	19.0
60°-70°	926.4	20.5
70°-80°	636.2	14.1
80°-90°	151.8	3.4
90°-100°	54.9	1.2
100°-110°	6.9	0.2
110°-120°	0.5	0.0
120°-130°	0.5	0.0
130°-140°	0.4	0.0
140°-150°	0.3	0.0
150°-160°	0.3	0.0
160°-170°	0.2	0.0
170°-180°	0.0	0.0
0°-90°	4461.0	98.6
0°-180°	4525.0	100.0

**Coefficient of Utilization**

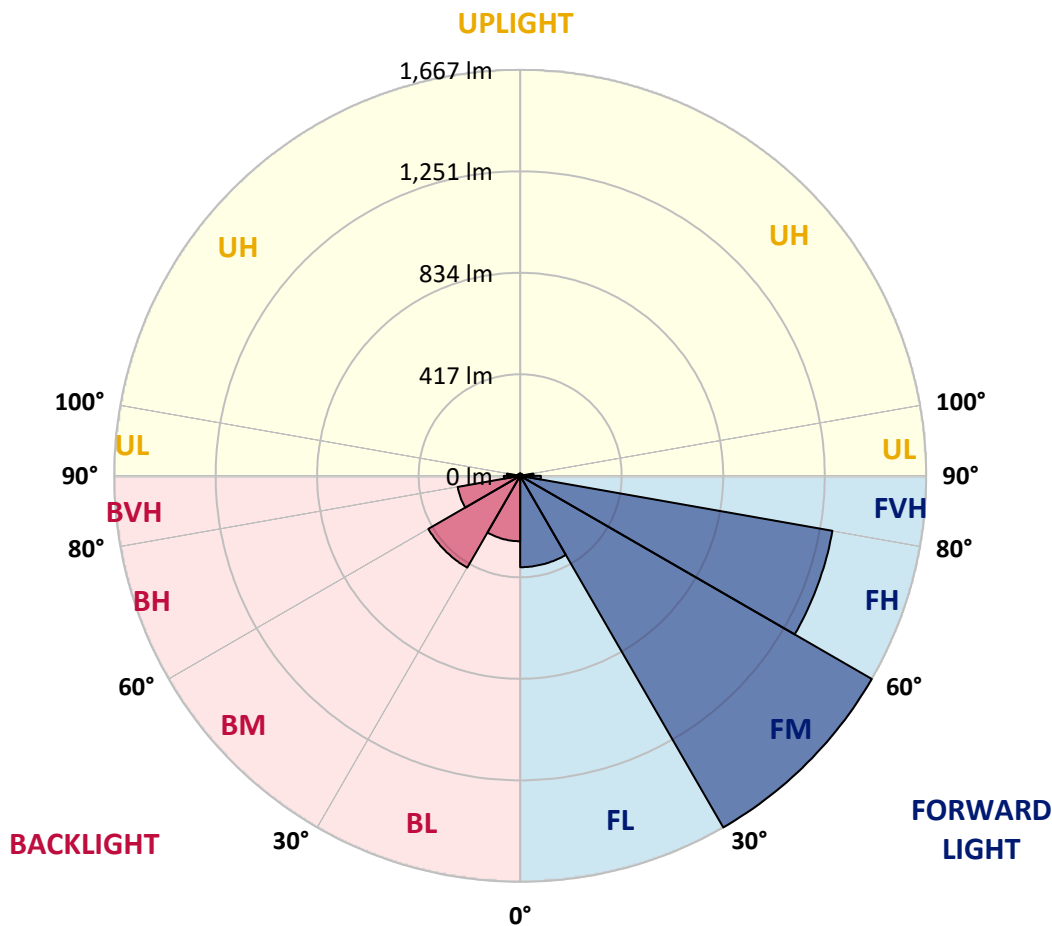


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	375.2	8.3			
FM (30°-60°)	1667.4	36.8			
FH (60°-80°)	1301.9	28.8			G1/1800
FVH (80°-90°)	84.9	1.9			G1/100
BL (0°-30°)	268.6	5.9	B1/500		
BM (30°-60°)	435.4	9.6	B1/1000		
BH (60°-80°)	260.7	5.8	B1/500		G1/500
BVH (80°-90°)	66.9	1.5			G1/100
UL (90°-100°)	54.9	1.2		U3/500	
UH (100°-180°)	9.1	0.2		U1/10	

**BUG Rating: B1-U3-G1**  
 Type III Medium





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	679.1	679.1	679.1	679.1	679.1	679.1	679.1	679.1	679.1	679.1	679.1
2.5°	673.2	673.2	671.7	671.7	673.2	674.7	673.2	671.7	673.2	674.7	679.1
5°	699.9	698.4	696.9	691.0	685.0	680.6	677.6	676.1	677.6	683.5	693.9
7.5°	717.7	716.2	716.2	714.7	708.8	696.9	689.5	688.0	688.0	689.5	702.8
10°	754.7	751.8	745.8	735.4	729.5	714.7	701.3	698.4	698.4	701.3	717.7
12.5°	794.8	788.8	790.3	778.4	760.7	744.3	725.1	717.7	714.7	717.7	726.5
15°	849.6	845.2	833.3	820.0	802.2	779.9	756.2	744.3	742.9	747.3	739.9
17.5°	889.7	883.7	885.2	865.9	851.1	821.4	799.2	777.0	777.0	782.9	763.6
20°	931.2	928.2	932.7	928.2	906.0	879.3	846.7	820.0	815.5	818.5	790.3
22.5°	984.5	980.1	980.1	981.6	963.8	937.1	898.5	871.9	870.4	858.5	820.0
25°	1039.4	1035.0	1033.5	1036.4	1033.5	1002.3	962.3	935.6	931.2	914.9	860.0
27.5°	1091.3	1091.3	1092.8	1095.8	1100.2	1075.0	1036.4	1006.8	1006.8	989.0	913.4
30°	1129.9	1129.9	1143.2	1149.1	1153.6	1147.7	1106.1	1078.0	1080.9	1057.2	974.2
32.5°	1165.4	1166.9	1181.8	1196.6	1201.0	1205.5	1169.9	1152.1	1152.1	1129.9	1039.4
35°	1201.0	1201.0	1221.8	1251.4	1266.3	1261.8	1245.5	1239.6	1241.1	1236.6	1135.8
37.5°	1229.2	1232.2	1263.3	1300.4	1321.1	1328.5	1319.7	1338.9	1356.7	1370.1	1261.8
40°	1257.4	1257.4	1287.0	1327.1	1364.1	1384.9	1396.8	1469.4	1482.8	1487.2	1333.0
42.5°	1227.7	1235.1	1297.4	1356.7	1404.2	1439.8	1493.1	1601.4	1617.7	1567.3	1429.4
45°	1199.5	1208.4	1270.7	1370.1	1438.3	1509.4	1601.4	1711.1	1724.4	1648.8	1487.2
47.5°	1171.4	1181.8	1250.0	1358.2	1469.4	1586.5	1685.9	1807.5	1813.4	1715.5	1552.4
50°	1141.7	1152.1	1224.8	1344.9	1488.7	1665.1	1770.4	1895.0	1895.0	1774.9	1591.0
52.5°	1104.7	1116.5	1190.7	1324.1	1503.5	1718.5	1847.5	1958.7	1946.9	1846.0	1634.0
55°	1057.2	1073.5	1152.1	1294.4	1509.4	1746.7	1896.4	2021.0	2018.0	1933.5	1688.9
57.5°	1006.8	1020.1	1104.7	1255.9	1503.5	1766.0	1948.3	2129.2	2133.7	2009.1	1731.9
60°	950.4	959.3	1040.9	1202.5	1465.0	1800.1	2065.5	2244.9	2250.8	2078.8	1748.2
62.5°	876.3	882.2	959.3	1129.9	1413.1	1822.3	2150.0	2350.2	2347.2	2141.1	1751.1
65°	782.9	790.3	863.0	1033.5	1336.0	1807.5	2170.8	2396.1	2399.1	2170.8	1746.7
67.5°	692.4	696.9	757.7	906.0	1211.4	1736.3	2150.0	2422.8	2436.2	2196.0	1703.7
70°	572.3	573.8	627.2	759.2	1039.4	1599.9	2108.5	2439.1	2431.7	2166.3	1629.5
72.5°	440.4	441.9	481.9	581.2	808.1	1362.7	1961.7	2301.2	2287.9	2003.2	1469.4
75°	312.9	318.8	342.5	407.8	541.2	994.9	1678.5	2037.3	2046.2	1782.3	1224.8
77.5°	177.9	183.9	203.1	255.0	311.4	557.5	1267.8	1699.2	1705.2	1499.1	940.1
80°	77.1	78.6	86.0	121.6	166.1	266.9	649.4	1190.7	1276.7	1018.7	536.8
82.5°	65.2	65.2	68.2	71.2	72.7	121.6	252.1	369.2	381.1	301.0	175.0
85°	56.3	56.3	59.3	62.3	63.8	83.0	152.7	185.3	192.8	172.0	123.1
87.5°	44.5	44.5	48.9	51.9	51.9	68.2	114.2	137.9	142.3	137.9	109.7
90°	40.0	40.0	38.6	38.6	40.0	48.9	89.0	115.7	120.1	146.8	126.0
92.5°	34.1	35.6	35.6	35.6	31.1	35.6	63.8	102.3	111.2	145.3	114.2
95°	34.1	32.6	32.6	31.1	29.7	31.1	47.4	89.0	99.3	126.0	96.4
97.5°	23.7	22.2	23.7	25.2	26.7	28.2	40.0	65.2	72.7	97.9	71.2
100°	14.8	14.8	14.8	14.8	17.8	19.3	32.6	40.0	44.5	62.3	47.4
102.5°	8.9	7.4	7.4	7.4	8.9	11.9	16.3	22.2	23.7	35.6	28.2
105°	3.0	3.0	3.0	3.0	4.4	5.9	5.9	8.9	8.9	11.9	11.9
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.5
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.5



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.5
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.5
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.5
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.5
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.5
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.5
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.5
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.5
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.5
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.5
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.5
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	1.5	1.5
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.5	1.5	1.5
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.5
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.5	1.5
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.5	1.5	1.5
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.5	1.5	1.5
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.5	1.5
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.5	1.5	1.5
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.5	1.5	1.5
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.5	1.5	1.5
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.5	1.5
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.5
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.5	1.5	1.5
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	1.5	1.5
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.5
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.5	1.5	1.5
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):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	679.1	679.1	679.1	679.1	679.1	679.1	679.1	679.1	679.1	679.1	679.1
2.5°	682.1	685.0	691.0	698.4	707.3	714.7	720.6	722.1	725.1	725.1	728.0
5°	696.9	702.8	711.7	722.1	726.5	723.6	723.6	725.1	728.0	735.4	738.4
7.5°	713.2	717.7	717.7	722.1	731.0	728.0	726.5	725.1	725.1	722.1	726.5
10°	719.1	713.2	720.6	719.1	716.2	722.1	723.6	714.7	716.2	716.2	717.7
12.5°	720.6	720.6	714.7	714.7	714.7	701.3	698.4	705.8	698.4	701.3	699.9
15°	736.9	725.1	717.7	708.8	696.9	692.4	682.1	670.2	670.2	673.2	673.2
17.5°	748.8	736.9	714.7	691.0	686.5	665.8	658.3	655.4	653.9	655.4	658.3
20°	766.6	748.8	711.7	688.0	649.4	642.0	628.7	627.2	624.2	613.9	610.9
22.5°	790.3	762.1	710.2	662.8	631.7	606.4	582.7	567.9	566.4	559.0	554.6
25°	817.0	788.8	716.2	650.9	599.0	562.0	542.7	508.6	492.3	498.2	495.2
27.5°	871.9	820.0	726.5	634.6	572.3	514.5	470.0	449.3	428.5	428.5	431.5
30°	922.3	860.0	726.5	619.8	527.9	458.2	400.3	367.7	358.8	352.9	349.9
32.5°	997.9	910.4	757.7	599.0	486.3	385.5	320.3	281.7	283.2	289.1	287.7
35°	1085.4	990.5	766.6	569.4	425.6	312.9	247.6	226.9	238.7	241.7	241.7
37.5°	1190.7	1088.3	806.6	545.7	361.8	231.3	195.7	186.8	197.2	195.7	201.7
40°	1248.5	1135.8	840.7	516.0	277.3	170.5	151.2	145.3	161.6	175.0	177.9
42.5°	1330.0	1192.1	873.3	459.7	188.3	124.6	115.7	134.9	158.7	173.5	175.0
45°	1374.5	1224.8	860.0	390.0	120.1	100.8	112.7	136.4	161.6	176.4	177.9
47.5°	1427.9	1267.8	836.3	304.0	96.4	99.3	114.2	139.4	166.1	179.4	179.4
50°	1481.3	1310.8	778.4	238.7	90.4	97.9	117.1	140.9	164.6	173.5	173.5
52.5°	1512.4	1347.8	710.2	173.5	89.0	97.9	118.6	142.3	163.1	167.6	167.6
55°	1540.6	1350.8	650.9	129.0	87.5	99.3	120.1	145.3	164.6	169.0	167.6
57.5°	1556.9	1331.5	609.4	111.2	86.0	99.3	121.6	148.3	176.4	186.8	183.9
60°	1548.0	1301.9	578.3	103.8	84.5	99.3	123.1	157.2	223.9	241.7	235.8
62.5°	1533.2	1281.1	513.0	94.9	81.6	99.3	124.6	177.9	249.1	258.0	250.6
65°	1513.9	1220.3	438.9	86.0	78.6	97.9	126.0	192.8	237.2	237.2	235.8
67.5°	1433.8	1138.8	327.7	77.1	74.1	97.9	129.0	189.8	228.3	247.6	247.6
70°	1327.1	1002.3	216.5	68.2	69.7	94.9	134.9	192.8	235.8	262.4	259.5
72.5°	1123.9	831.8	120.1	59.3	63.8	93.4	134.9	204.6	255.0	284.7	280.2
75°	917.8	615.3	86.0	53.4	57.8	90.4	136.4	212.0	272.8	304.0	296.6
77.5°	646.5	352.9	68.2	46.0	51.9	86.0	134.9	209.1	281.7	309.9	301.0
80°	272.8	127.5	56.3	41.5	44.5	77.1	124.6	200.2	281.7	327.7	323.2
82.5°	123.1	90.4	48.9	37.1	41.5	63.8	115.7	192.8	272.8	329.2	355.9
85°	96.4	74.1	41.5	32.6	37.1	60.8	103.8	183.9	261.0	304.0	333.6
87.5°	91.9	74.1	37.1	29.7	34.1	51.9	80.1	170.5	234.3	280.2	304.0
90°	99.3	77.1	29.7	25.2	31.1	46.0	65.2	143.8	203.1	246.1	246.1
92.5°	91.9	71.2	22.2	19.3	32.6	37.1	62.3	89.0	146.8	123.1	152.7
95°	77.1	59.3	14.8	13.3	31.1	31.1	34.1	41.5	102.3	3.0	0.0
97.5°	56.3	43.0	8.9	7.4	23.7	25.2	16.3	19.3	41.5	0.0	0.0
100°	41.5	28.2	5.9	5.9	14.8	20.8	10.4	10.4	0.0	0.0	0.0
102.5°	22.2	14.8	4.4	3.0	7.4	11.9	4.4	3.0	0.0	0.0	0.0
105°	11.9	5.9	1.5	1.5	1.5	1.5	0.0	0.0	0.0	0.0	0.0
107.5°	3.0	1.5	1.5	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0
110°	1.5	1.5	1.5	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P691343  
 CATALOG NUMBER: CRTK2-C015-D-U-T3-7050

**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
112.5°	1.5	1.5	1.5	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0
115°	1.5	1.5	1.5	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	1.5	1.5	1.5	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0
120°	1.5	1.5	1.5	1.5	1.5	1.5	0.0	0.0	0.0	0.0	0.0
122.5°	1.5	1.5	1.5	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0
125°	1.5	1.5	1.5	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	1.5	1.5	1.5	1.5	1.5	1.5	0.0	0.0	0.0	0.0	0.0
130°	1.5	1.5	1.5	1.5	1.5	1.5	0.0	0.0	0.0	0.0	0.0
132.5°	1.5	1.5	1.5	1.5	1.5	1.5	0.0	0.0	0.0	0.0	0.0
135°	1.5	1.5	1.5	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	1.5	1.5	1.5	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0
140°	1.5	1.5	1.5	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	1.5	1.5	1.5	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0
145°	1.5	1.5	1.5	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	1.5	1.5	1.5	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0
150°	1.5	1.5	1.5	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	1.5	1.5	1.5	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0
155°	1.5	1.5	1.5	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	1.5	1.5	1.5	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0
160°	1.5	1.5	1.5	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	1.5	1.5	1.5	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0
165°	1.5	1.5	1.5	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	1.5	1.5	1.5	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0
170°	1.5	1.5	1.5	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	1.5	1.5	1.5	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0
175°	1.5	1.5	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	1.5	1.5	1.5	1.5	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)