

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: P691266

Luminaire Tested: **CRTK2-C015-5TLD-U-T5R-7030**

Issue Date: 6/13/2023

Test Information

Test Method: LM-79-08
Report Number: P691266
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-903-17)
Test Lab: INNOVATION CENTER
Issue Date: 6/13/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: CRTK2-C015-5TLD-U-T5R-7030
Description: CARETAKER AREA AND ROADWAY LUMINAIRE
(1) 70 CRI, 3000K LED WITH TYPE V ROUND OPTIC
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5077 lumens
Efficiency: N/A
Efficacy: 155.3 lumens/watt
Luminous Opening: Vertical Cylinder (Dia: 0.33' x H: 0.08')
IES Classification: Type V - Short
BUG Rating: B3 - U2 - G1

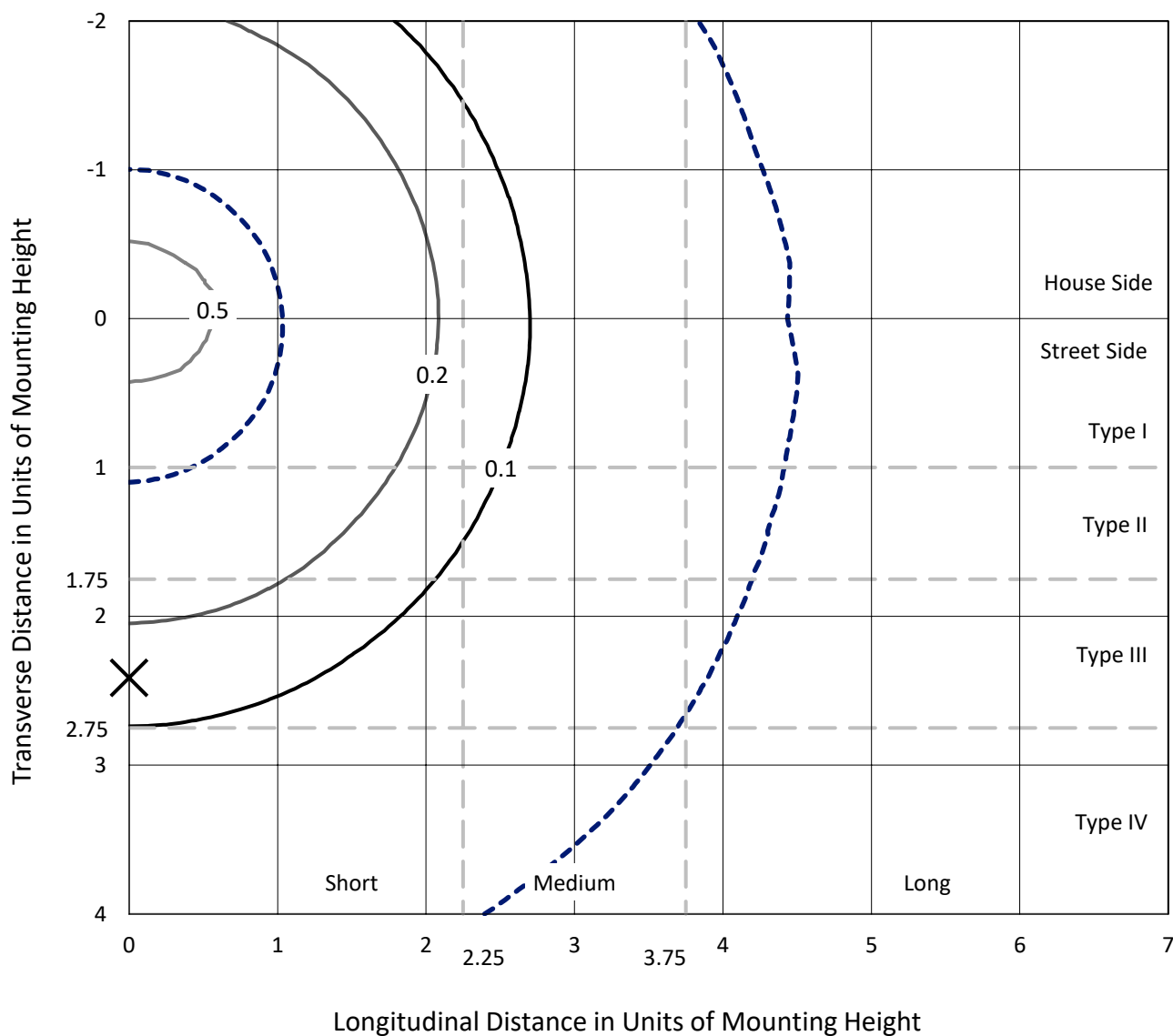
Input Watts (W): 32.7
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P691266
 CATALOG NUMBER: CRTK2-C015-5TLD-U-T5R-7030

Iso-Footcandle Lines of Horizontal Illumination

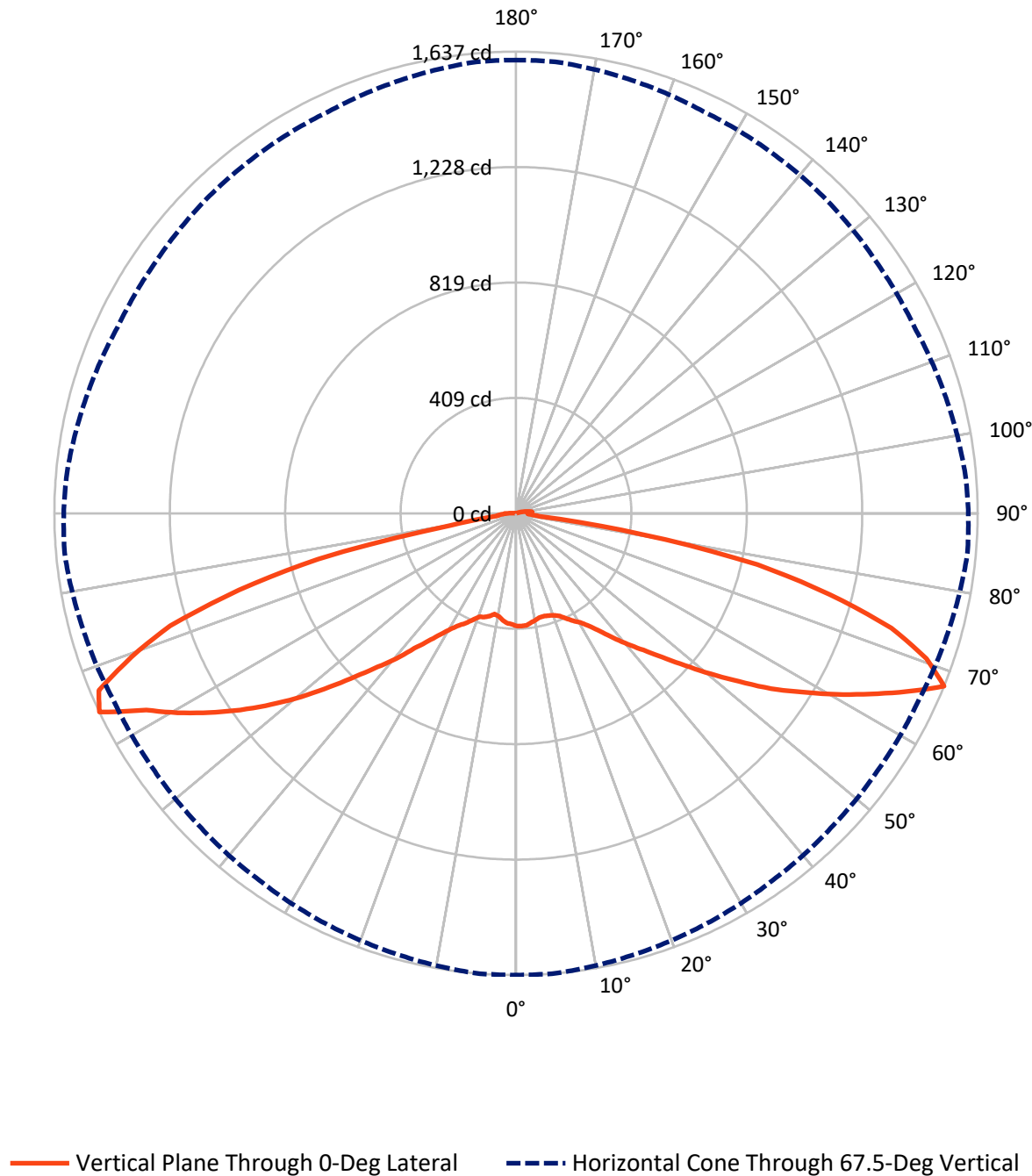
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 0.6 fc
 Type V - Short - N/A

REPORT NUMBER: P691266
CATALOG NUMBER: CRTK2-C015-5TLD-U-T5R-7030

Luminous Intensity Polar Plot



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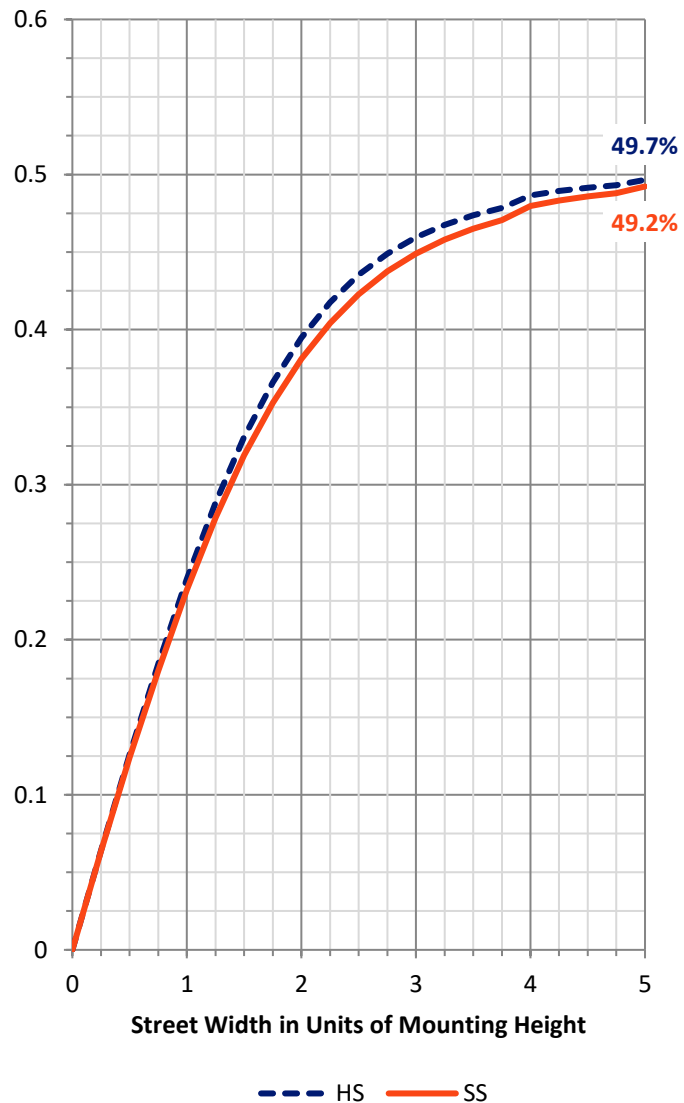
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2513.7	23.8	2537.5
	% Fixture	49.5	0.5	50.0
Street Side	Lumens	2505.8	33.7	2539.5
	% Fixture	49.4	0.7	50.0
Total	Lumens	5019.5	57.5	5077.0
	% Fixture	98.9	1.1	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	37.5	0.7
10°-20°	110.5	2.2
20°-30°	199.7	3.9
30°-40°	344.4	6.8
40°-50°	610.9	12.0
50°-60°	1040.1	20.5
60°-70°	1490.1	29.4
70°-80°	1083.5	21.3
80°-90°	102.9	2.0
90°-100°	46.4	0.9
100°-110°	11.1	0.2
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	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°	5019.5	98.9
0°-180°	5077.0	100.0

Coefficient of Utilization



REPORT NUMBER: P691266

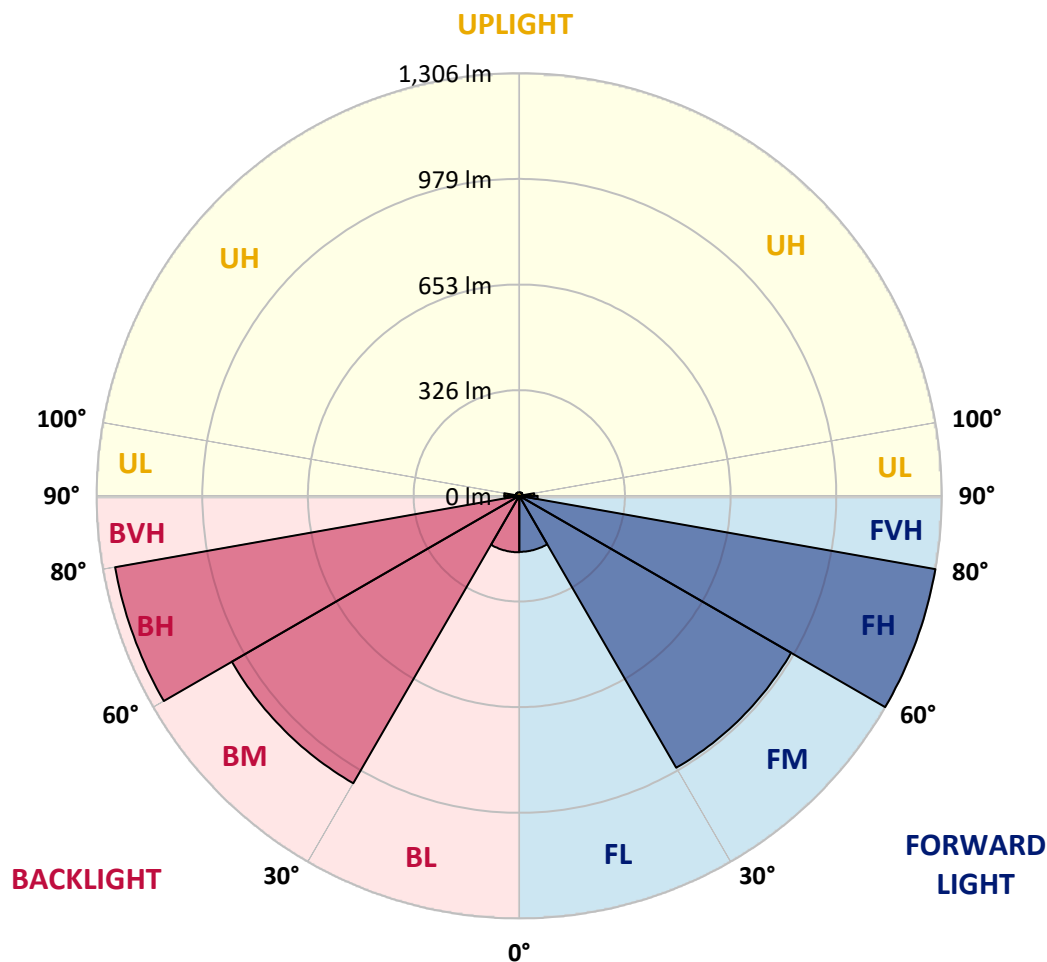
CATALOG NUMBER: CRTK2-C015-5TLD-U-T5R-7030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	173.0	3.4			
FM	(30°-60°)	970.0	19.1			
FH	(60°-80°)	1305.6	25.7			G1/1800
FVH	(80°-90°)	57.1	1.1			G1/100
BL	(0°-30°)	174.6	3.4	B1/500		
BM	(30°-60°)	1025.4	20.2	B2/2500		
BH	(60°-80°)	1267.9	25.0	B3/2500		G1/1800
BVH	(80°-90°)	45.7	0.9			G1/100
UL	(90°-100°)	46.4	0.9		U2/50	
UH	(100°-180°)	11.1	0.2		U2/50	

BUG Rating: B3-U2-G1

Type V Short





REPORT NUMBER: P691266

CATALOG NUMBER: CRTK2-C015-5TLD-U-T5R-7030

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	400.2	400.2	400.2	400.2	400.2	400.2	400.2	400.2	400.2	400.2	400.2
2.5°	400.2	400.2	400.2	400.2	400.2	400.2	398.6	395.5	395.5	395.5	395.5
5°	398.6	398.6	398.6	398.6	400.2	400.2	400.2	397.1	397.1	397.1	397.1
7.5°	390.7	390.7	392.3	392.3	393.9	395.5	393.9	393.9	393.9	395.5	395.5
10°	384.4	384.4	386.0	386.0	387.6	387.6	390.7	390.7	392.3	393.9	393.9
12.5°	378.1	378.1	379.7	382.8	384.4	386.0	387.6	389.2	392.3	393.9	393.9
15°	378.1	378.1	378.1	381.2	386.0	389.2	390.7	393.9	397.1	398.6	400.2
17.5°	381.2	381.2	381.2	384.4	387.6	392.3	397.1	398.6	401.8	405.0	405.0
20°	386.0	386.0	387.6	390.7	395.5	398.6	401.8	406.6	409.7	412.9	414.5
22.5°	395.5	397.1	397.1	398.6	403.4	408.1	411.3	414.5	419.2	422.4	425.5
25°	412.9	411.3	411.3	414.5	417.6	422.4	424.0	427.1	431.9	436.6	438.2
27.5°	431.9	430.3	430.3	433.4	436.6	439.8	441.4	446.1	450.8	455.6	457.2
30°	449.3	449.3	450.8	454.0	457.2	461.9	463.5	468.2	471.4	477.7	477.7
32.5°	476.2	477.7	479.3	480.9	484.1	488.8	493.6	495.1	498.3	503.0	506.2
35°	512.5	515.7	515.7	517.3	525.2	529.9	526.8	531.5	536.3	542.6	545.8
37.5°	560.0	558.4	563.2	569.5	571.1	575.8	574.2	577.4	583.7	591.6	596.4
40°	610.6	612.2	612.2	613.8	618.5	620.1	626.4	631.2	637.5	648.6	651.7
42.5°	662.8	666.0	669.1	670.7	678.6	680.2	685.0	691.3	699.2	707.1	710.3
45°	727.7	726.1	734.0	737.2	745.1	754.6	754.6	757.7	770.4	778.3	783.0
47.5°	805.2	808.4	813.1	817.8	830.5	832.1	840.0	844.7	852.6	860.6	862.1
50°	895.4	895.4	900.1	909.6	917.5	925.4	930.2	936.5	942.8	955.5	961.8
52.5°	990.3	991.9	998.2	1007.7	1020.3	1021.9	1026.7	1037.7	1042.5	1045.6	1056.7
55°	1097.8	1093.1	1097.8	1112.1	1126.3	1124.7	1126.3	1139.0	1146.9	1153.2	1156.4
57.5°	1195.9	1195.9	1200.7	1211.7	1214.9	1219.7	1221.2	1232.3	1241.8	1249.7	1251.3
60°	1303.5	1301.9	1305.1	1314.6	1325.6	1325.6	1324.1	1335.1	1344.6	1346.2	1357.3
62.5°	1411.1	1406.3	1409.5	1415.8	1422.1	1415.8	1422.1	1431.6	1439.5	1445.9	1449.0
65°	1523.4	1517.1	1518.6	1512.3	1502.8	1494.9	1509.1	1536.0	1559.8	1572.4	1574.0
67.5°	1637.3	1637.3	1619.9	1604.1	1588.2	1578.7	1574.0	1574.0	1589.8	1607.2	1604.1
70°	1543.9	1547.1	1532.9	1521.8	1496.5	1488.6	1483.8	1468.0	1475.9	1480.7	1469.6
72.5°	1392.1	1374.7	1368.4	1363.6	1344.6	1330.4	1314.6	1303.5	1298.7	1301.9	1289.3
75°	1150.0	1184.9	1165.9	1156.4	1143.7	1137.4	1096.3	1083.6	1082.0	1094.7	1094.7
77.5°	874.8	893.8	881.1	885.9	866.9	863.7	847.9	833.7	822.6	819.4	787.8
80°	454.0	468.2	471.4	487.2	484.1	474.6	463.5	422.4	411.3	417.6	387.6
82.5°	82.3	85.4	87.0	88.6	82.3	85.4	87.0	79.1	83.8	82.3	79.1
85°	47.5	47.5	49.0	49.0	45.9	42.7	45.9	44.3	44.3	47.5	47.5
87.5°	41.1	42.7	44.3	44.3	39.5	36.4	39.5	39.5	41.1	42.7	42.7
90°	42.7	42.7	45.9	45.9	41.1	38.0	42.7	44.3	44.3	44.3	45.9
92.5°	56.9	55.4	56.9	56.9	52.2	49.0	55.4	55.4	55.4	55.4	56.9
95°	55.4	53.8	55.4	53.8	50.6	47.5	52.2	53.8	53.8	53.8	55.4
97.5°	47.5	47.5	47.5	47.5	42.7	41.1	47.5	47.5	45.9	45.9	47.5
100°	36.4	34.8	34.8	34.8	33.2	33.2	36.4	34.8	33.2	34.8	36.4
102.5°	23.7	23.7	23.7	23.7	23.7	23.7	23.7	22.1	22.1	22.1	25.3
105°	14.2	14.2	12.7	12.7	12.7	12.7	12.7	11.1	11.1	11.1	14.2
107.5°	4.7	4.7	3.2	3.2	3.2	3.2	3.2	1.6	1.6	1.6	4.7
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P691266

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CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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

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CANDELA DISTRIBUTION (continued):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	400.2	400.2	400.2	400.2	400.2	400.2	400.2	400.2	400.2	400.2
2.5°	397.1	397.1	398.6	397.1	397.1	395.5	393.9	392.3	393.9	393.9
5°	397.1	398.6	397.1	395.5	393.9	392.3	392.3	389.2	389.2	390.7
7.5°	395.5	398.6	395.5	393.9	389.2	387.6	386.0	382.8	382.8	382.8
10°	393.9	393.9	392.3	386.0	382.8	378.1	376.5	373.3	371.7	370.2
12.5°	393.9	393.9	389.2	384.4	379.7	373.3	371.7	368.6	367.0	365.4
15°	398.6	400.2	397.1	390.7	382.8	381.2	376.5	374.9	373.3	376.5
17.5°	406.6	405.0	401.8	395.5	390.7	389.2	382.8	382.8	381.2	384.4
20°	414.5	411.3	408.1	405.0	398.6	395.5	395.5	390.7	392.3	389.2
22.5°	424.0	425.5	420.8	416.0	411.3	409.7	408.1	408.1	406.6	406.6
25°	439.8	439.8	436.6	431.9	428.7	425.5	424.0	425.5	422.4	427.1
27.5°	458.8	457.2	457.2	454.0	449.3	447.7	446.1	447.7	446.1	446.1
30°	477.7	480.9	477.7	476.2	473.0	473.0	471.4	471.4	473.0	471.4
32.5°	507.8	509.4	509.4	507.8	504.6	503.0	503.0	504.6	507.8	506.2
35°	547.3	548.9	552.1	555.3	555.3	552.1	548.9	547.3	548.9	548.9
37.5°	599.5	601.1	604.3	604.3	602.7	601.1	602.7	605.9	599.5	599.5
40°	653.3	651.7	654.9	658.1	659.7	658.1	656.5	659.7	662.8	667.6
42.5°	713.4	716.6	718.2	724.5	727.7	727.7	726.1	730.8	732.4	732.4
45°	784.6	792.5	789.4	800.4	809.9	811.5	806.8	809.9	806.8	809.9
47.5°	866.9	873.2	879.5	889.0	893.8	896.9	895.4	898.5	901.7	901.7
50°	960.2	965.0	976.0	988.7	996.6	996.6	990.3	996.6	1002.9	1001.3
52.5°	1058.3	1067.8	1078.9	1089.9	1096.3	1097.8	1097.8	1102.6	1101.0	1101.0
55°	1161.1	1169.0	1183.3	1189.6	1197.5	1200.7	1200.7	1202.3	1200.7	1200.7
57.5°	1259.2	1268.7	1279.8	1292.4	1300.3	1303.5	1300.3	1300.3	1300.3	1297.2
60°	1360.4	1366.8	1377.8	1387.3	1392.1	1398.4	1398.4	1396.8	1395.2	1393.7
62.5°	1453.8	1456.9	1460.1	1461.7	1466.4	1479.1	1479.1	1487.0	1487.0	1485.4
65°	1575.6	1561.3	1548.7	1551.9	1562.9	1574.0	1583.5	1615.1	1630.9	1637.3
67.5°	1599.3	1578.7	1559.8	1558.2	1564.5	1567.7	1572.4	1589.8	1607.2	1607.2
70°	1460.1	1447.4	1430.0	1438.0	1442.7	1438.0	1444.3	1455.4	1471.2	1456.9
72.5°	1279.8	1259.2	1271.9	1279.8	1271.9	1265.5	1268.7	1267.1	1278.2	1289.3
75°	1080.4	1037.7	1037.7	1037.7	1040.9	1026.7	1026.7	1028.2	1048.8	1020.3
77.5°	800.4	770.4	762.5	730.8	727.7	708.7	721.4	713.4	732.4	721.4
80°	373.3	360.7	355.9	324.3	318.0	267.3	286.3	254.7	264.2	237.3
82.5°	77.5	75.9	74.3	66.4	60.1	52.2	61.7	69.6	71.2	69.6
85°	49.0	50.6	50.6	47.5	44.3	39.5	47.5	58.5	61.7	61.7
87.5°	42.7	44.3	44.3	42.7	39.5	34.8	39.5	44.3	45.9	44.3
90°	45.9	47.5	45.9	44.3	41.1	36.4	41.1	42.7	34.8	36.4
92.5°	55.4	55.4	53.8	53.8	52.2	45.9	50.6	41.1	15.8	4.7
95°	53.8	52.2	52.2	50.6	49.0	41.1	41.1	11.1	0.0	0.0
97.5°	45.9	42.7	42.7	41.1	41.1	34.8	25.3	0.0	0.0	0.0
100°	34.8	30.1	30.1	28.5	28.5	23.7	9.5	0.0	0.0	0.0
102.5°	23.7	19.0	17.4	15.8	15.8	14.2	1.6	0.0	0.0	0.0
105°	12.7	7.9	6.3	4.7	4.7	3.2	0.0	0.0	0.0	0.0
107.5°	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: CRTK2-C015-5TLD-U-T5R-7030

CANDELA DISTRIBUTION (continued):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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
135°	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
140°	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
145°	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
150°	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
155°	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
160°	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
165°	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
170°	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
175°	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
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)