

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: P691327

Luminaire Tested: **CRTK2-C015-D-U-T3-7030**

Issue Date: 6/13/2023

Test Information

Test Method: LM-79-08
Report Number: P691327
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-T3-7030
Description: CARETAKER AREA AND ROADWAY LUMINAIRE
(1) 70 CRI, 3000K LED WITH TYPE III OPTIC
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4345 lumens
Efficiency: N/A
Efficacy: 145.3 lumens/watt
Luminous Opening: Vertical Cylinder (Dia: 0.33' x H: 0.08')
IES Classification: Type III - Medium
BUG Rating: B1 - U3 - G1

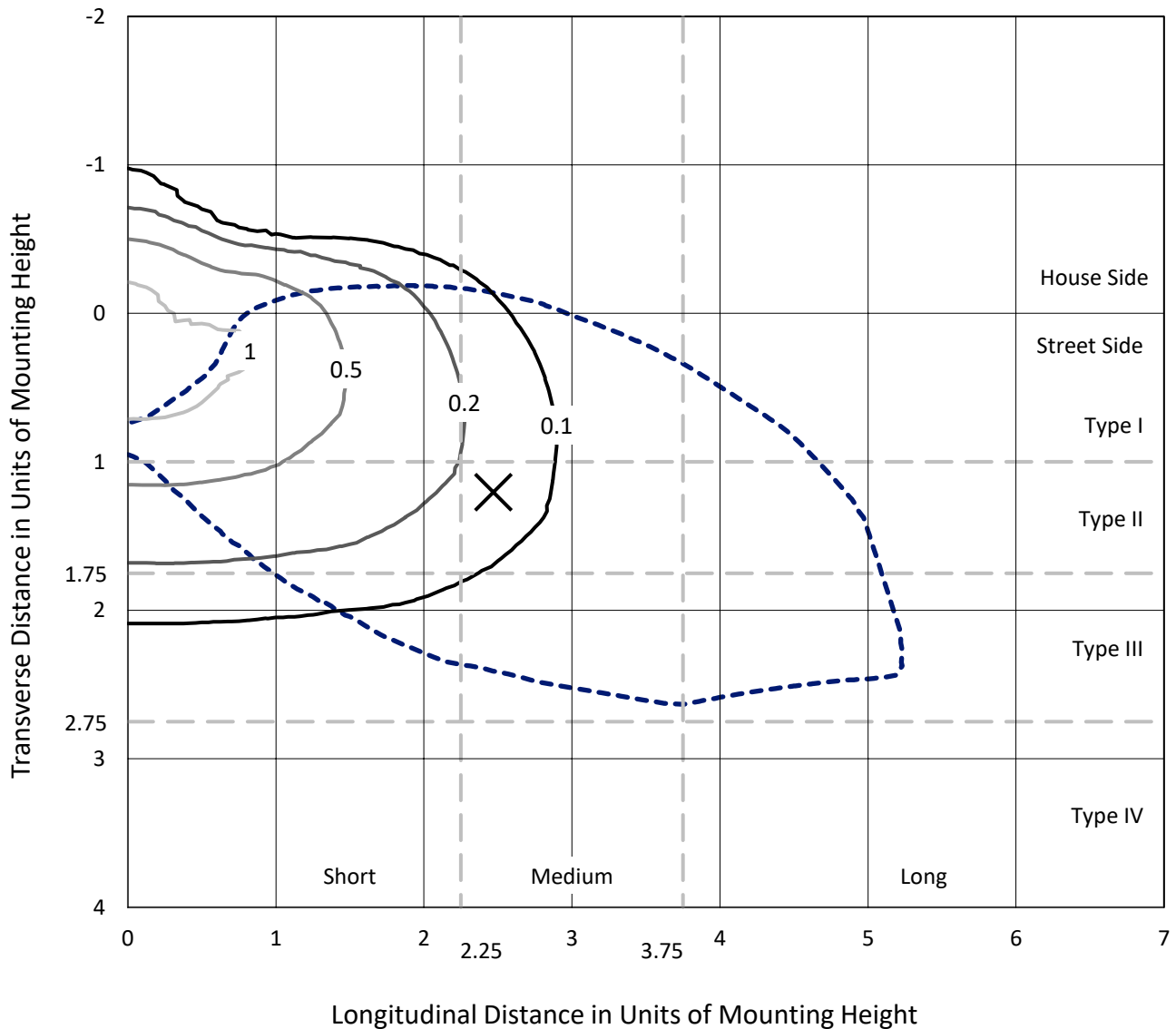
Input Watts (W): 29.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

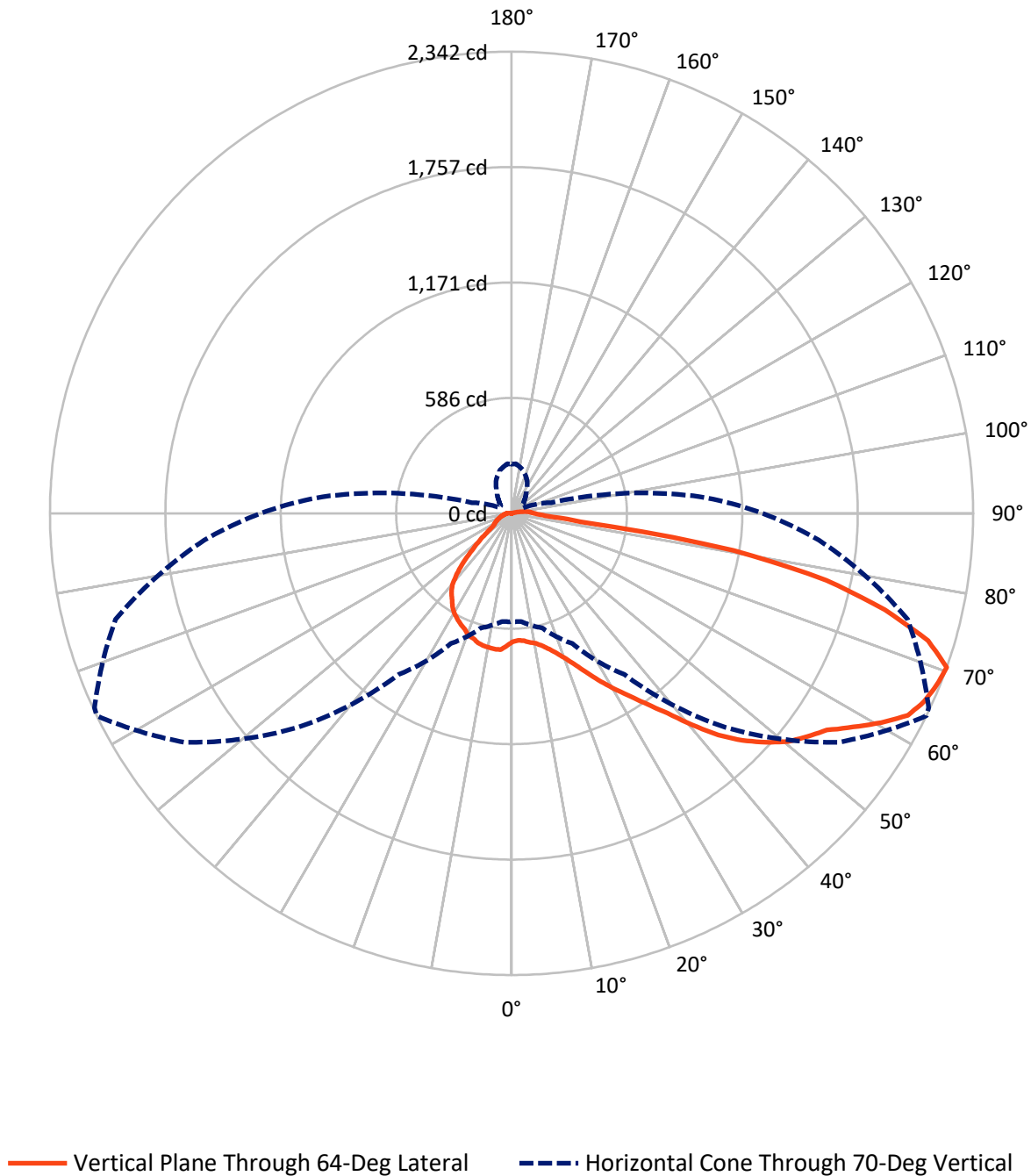
✕ Max cd
 - - - 1/2 Max cd



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



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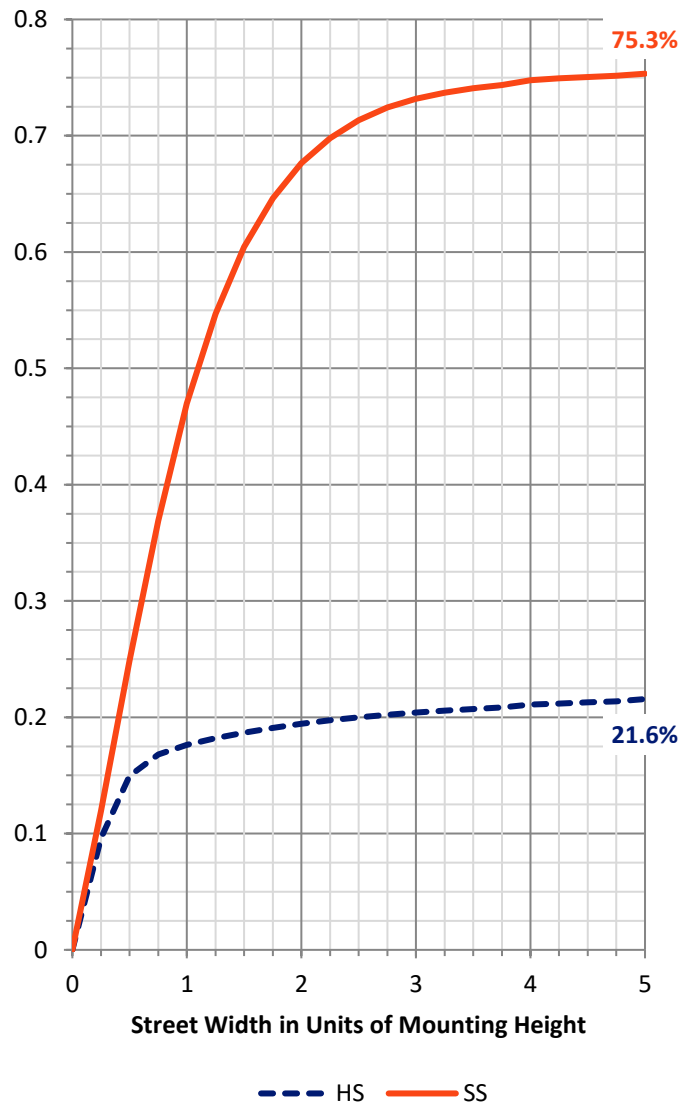
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	990.5	26.8	1017.3
	% Fixture	22.8	0.6	23.4
Street Side	Lumens	3293.0	34.6	3327.6
	% Fixture	75.8	0.8	76.6
Total	Lumens	4283.5	61.4	4345.0
	% Fixture	98.6	1.4	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	65.0	1.5
10°-20°	202.3	4.7
20°-30°	350.9	8.1
30°-40°	509.3	11.7
40°-50°	683.4	15.7
50°-60°	826.4	19.0
60°-70°	889.5	20.5
70°-80°	610.9	14.1
80°-90°	145.8	3.4
90°-100°	52.8	1.2
100°-110°	6.6	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°	0.2	0.0
160°-170°	0.1	0.0
170°-180°	0.0	0.0
0°-90°	4283.5	98.6
0°-180°	4345.0	100.0

Coefficient of Utilization



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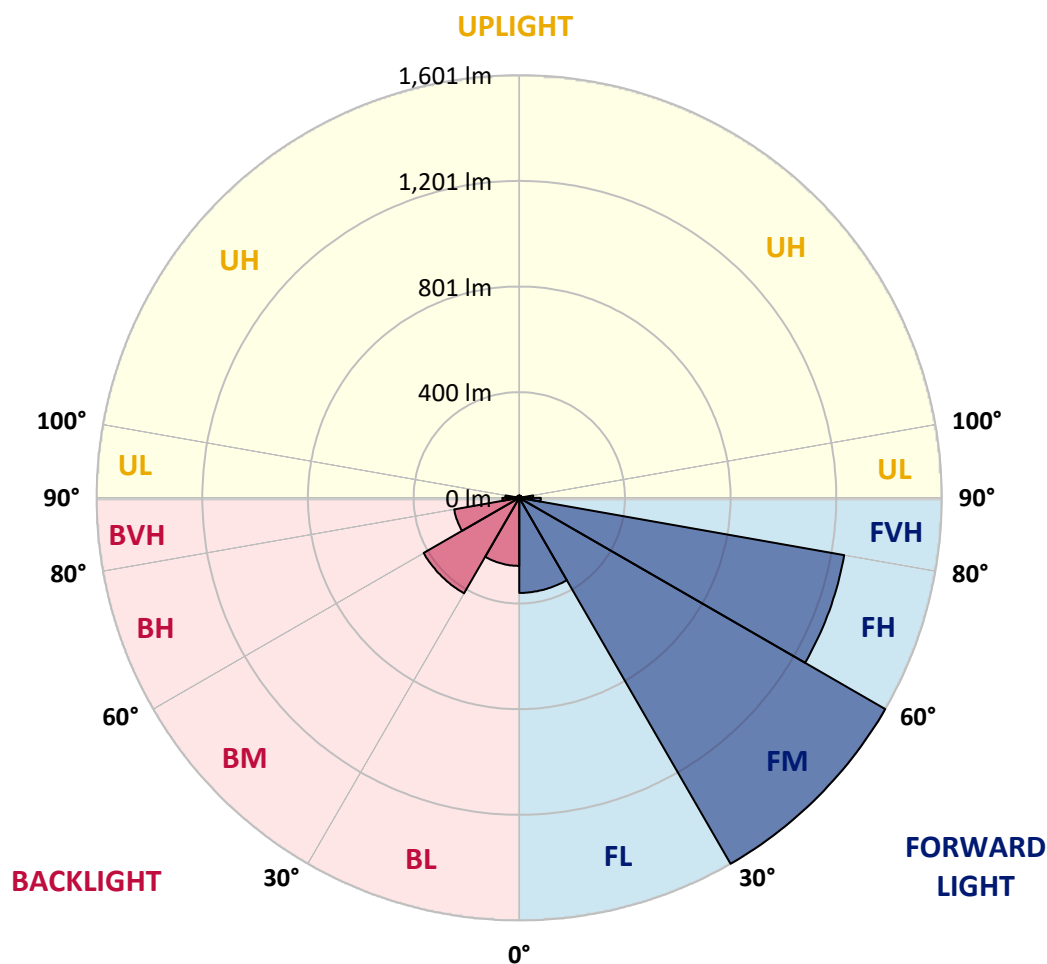
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	360.3	8.3			
FM	(30°-60°)	1601.0	36.8			
FH	(60°-80°)	1250.2	28.8			G1/1800
FVH	(80°-90°)	81.5	1.9			G1/100
BL	(0°-30°)	258.0	5.9	B1/500		
BM	(30°-60°)	418.0	9.6	B1/1000		
BH	(60°-80°)	250.3	5.8	B1/500		G1/500
BVH	(80°-90°)	64.2	1.5			G1/100
UL	(90°-100°)	52.8	1.2		U3/500	
UH	(100°-180°)	8.7	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°	652.1	652.1	652.1	652.1	652.1	652.1	652.1	652.1	652.1	652.1	652.1
2.5°	646.4	646.4	645.0	645.0	646.4	647.8	646.4	645.0	646.4	647.8	652.1
5°	672.0	670.6	669.2	663.5	657.8	653.5	650.7	649.2	650.7	656.4	666.3
7.5°	689.1	687.7	687.7	686.3	680.6	669.2	662.1	660.6	660.6	662.1	674.9
10°	724.7	721.9	716.2	706.2	700.5	686.3	673.4	670.6	670.6	673.4	689.1
12.5°	763.1	757.4	758.9	747.5	730.4	714.7	696.2	689.1	686.3	689.1	697.6
15°	815.8	811.5	800.2	787.3	770.3	748.9	726.1	714.7	713.3	717.6	710.5
17.5°	854.3	848.6	850.0	831.5	817.2	788.8	767.4	746.1	746.1	751.8	733.2
20°	894.1	891.3	895.6	891.3	869.9	844.3	813.0	787.3	783.1	785.9	758.9
22.5°	945.4	941.1	941.1	942.5	925.5	899.8	862.8	837.2	835.8	824.4	787.3
25°	998.1	993.8	992.4	995.2	992.4	962.5	924.0	898.4	894.1	878.5	825.8
27.5°	1047.9	1047.9	1049.3	1052.2	1056.4	1032.2	995.2	966.7	966.7	949.7	877.0
30°	1084.9	1084.9	1097.7	1103.4	1107.7	1102.0	1062.1	1035.1	1037.9	1015.1	935.4
32.5°	1119.1	1120.5	1134.7	1149.0	1153.3	1157.5	1123.4	1106.3	1106.3	1084.9	998.1
35°	1153.3	1153.3	1173.2	1201.7	1215.9	1211.6	1196.0	1190.3	1191.7	1187.4	1090.6
37.5°	1180.3	1183.2	1213.1	1248.6	1268.6	1275.7	1267.2	1285.7	1302.8	1315.6	1211.6
40°	1207.4	1207.4	1235.8	1274.3	1309.9	1329.8	1341.2	1411.0	1423.8	1428.0	1280.0
42.5°	1178.9	1186.0	1245.8	1302.8	1348.3	1382.5	1433.7	1537.7	1553.3	1504.9	1372.5
45°	1151.8	1160.4	1220.2	1315.6	1381.1	1449.4	1537.7	1643.0	1655.8	1583.2	1428.0
47.5°	1124.8	1134.7	1200.2	1304.2	1411.0	1523.4	1618.8	1735.6	1741.3	1647.3	1490.7
50°	1096.3	1106.3	1176.0	1291.4	1429.5	1598.9	1700.0	1819.6	1819.6	1704.3	1527.7
52.5°	1060.7	1072.1	1143.3	1271.4	1443.7	1650.2	1774.0	1880.8	1869.4	1772.6	1569.0
55°	1015.1	1030.8	1106.3	1243.0	1449.4	1677.2	1821.0	1940.6	1937.8	1856.6	1621.7
57.5°	966.7	979.6	1060.7	1205.9	1443.7	1695.7	1870.8	2044.5	2048.8	1929.2	1663.0
60°	912.6	921.2	999.5	1154.7	1406.7	1728.5	1983.3	2155.6	2161.3	1996.1	1678.6
62.5°	841.4	847.1	921.2	1084.9	1356.9	1749.8	2064.5	2256.7	2253.8	2055.9	1681.5
65°	751.8	758.9	828.6	992.4	1282.8	1735.6	2084.4	2300.8	2303.7	2084.4	1677.2
67.5°	664.9	669.2	727.5	869.9	1163.2	1667.2	2064.5	2326.4	2339.3	2108.6	1635.9
70°	549.6	551.0	602.3	729.0	998.1	1536.2	2024.6	2342.1	2335.0	2080.1	1564.7
72.5°	422.9	424.3	462.7	558.1	776.0	1308.4	1883.6	2209.7	2196.9	1923.5	1411.0
75°	300.4	306.1	328.9	391.5	519.7	955.4	1611.7	1956.3	1964.8	1711.4	1176.0
77.5°	170.9	176.5	195.1	244.9	299.0	535.3	1217.3	1631.6	1637.3	1439.4	902.7
80°	74.0	75.5	82.6	116.7	159.5	256.3	623.6	1143.3	1225.9	978.1	515.4
82.5°	62.6	62.6	65.5	68.3	69.8	116.7	242.0	354.5	365.9	289.0	168.0
85°	54.1	54.1	57.0	59.8	61.2	79.7	146.6	178.0	185.1	165.2	118.2
87.5°	42.7	42.7	47.0	49.8	49.8	65.5	109.6	132.4	136.7	132.4	105.4
90°	38.4	38.4	37.0	37.0	38.4	47.0	85.4	111.1	115.3	141.0	121.0
92.5°	32.7	34.2	34.2	34.2	29.9	34.2	61.2	98.2	106.8	139.5	109.6
95°	32.7	31.3	31.3	29.9	28.5	29.9	45.6	85.4	95.4	121.0	92.5
97.5°	22.8	21.4	22.8	24.2	25.6	27.1	38.4	62.6	69.8	94.0	68.3
100°	14.2	14.2	14.2	14.2	17.1	18.5	31.3	38.4	42.7	59.8	45.6
102.5°	8.5	7.1	7.1	7.1	8.5	11.4	15.7	21.4	22.8	34.2	27.1
105°	2.8	2.8	2.8	2.8	4.3	5.7	5.7	8.5	8.5	11.4	11.4
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.4
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.4



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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	1.4	1.4
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.4
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.4
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.4
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.4
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.4
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.4
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.4
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.4
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.4
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.4
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	1.4	1.4
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.4	1.4	1.4
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.4
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.4	1.4
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.4	1.4	1.4
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.4	1.4	1.4
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.4	1.4
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.4	1.4	1.4
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.4	1.4	1.4
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.4	1.4	1.4
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.4	1.4
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.4
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.4	1.4	1.4
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	1.4	1.4
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.4
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.4	1.4	1.4
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°	652.1	652.1	652.1	652.1	652.1	652.1	652.1	652.1	652.1	652.1	652.1
2.5°	654.9	657.8	663.5	670.6	679.1	686.3	692.0	693.4	696.2	696.2	699.1
5°	669.2	674.9	683.4	693.4	697.6	694.8	694.8	696.2	699.1	706.2	709.0
7.5°	684.8	689.1	689.1	693.4	701.9	699.1	697.6	696.2	696.2	693.4	697.6
10°	690.5	684.8	692.0	690.5	687.7	693.4	694.8	686.3	687.7	687.7	689.1
12.5°	692.0	692.0	686.3	686.3	686.3	673.4	670.6	677.7	670.6	673.4	672.0
15°	707.6	696.2	689.1	680.6	669.2	664.9	654.9	643.5	643.5	646.4	646.4
17.5°	719.0	707.6	686.3	663.5	659.2	639.3	632.2	629.3	627.9	629.3	632.2
20°	736.1	719.0	683.4	660.6	623.6	616.5	603.7	602.3	599.4	589.4	586.6
22.5°	758.9	731.8	682.0	636.4	606.5	582.3	559.5	545.3	543.9	536.8	532.5
25°	784.5	757.4	687.7	625.0	575.2	539.6	521.1	488.4	472.7	478.4	475.5
27.5°	837.2	787.3	697.6	609.4	549.6	494.0	451.3	431.4	411.5	411.5	414.3
30°	885.6	825.8	697.6	595.1	506.9	439.9	384.4	353.1	344.6	338.9	336.0
32.5°	958.2	874.2	727.5	575.2	467.0	370.2	307.5	270.5	271.9	277.6	276.2
35°	1042.2	951.1	736.1	546.7	408.6	300.4	237.8	217.8	229.2	232.1	232.1
37.5°	1143.3	1045.0	774.5	523.9	347.4	222.1	187.9	179.4	189.4	187.9	193.6
40°	1198.8	1090.6	807.3	495.5	266.2	163.7	145.2	139.5	155.2	168.0	170.9
42.5°	1277.1	1144.7	838.6	441.4	180.8	119.6	111.1	129.6	152.3	166.6	168.0
45°	1319.8	1176.0	825.8	374.5	115.3	96.8	108.2	131.0	155.2	169.4	170.9
47.5°	1371.1	1217.3	803.0	291.9	92.5	95.4	109.6	133.8	159.5	172.3	172.3
50°	1422.3	1258.6	747.5	229.2	86.9	94.0	112.5	135.3	158.0	166.6	166.6
52.5°	1452.2	1294.2	682.0	166.6	85.4	94.0	113.9	136.7	156.6	160.9	160.9
55°	1479.3	1297.1	625.0	123.9	84.0	95.4	115.3	139.5	158.0	162.3	160.9
57.5°	1495.0	1278.5	585.2	106.8	82.6	95.4	116.7	142.4	169.4	179.4	176.5
60°	1486.4	1250.1	555.3	99.7	81.2	95.4	118.2	150.9	215.0	232.1	226.4
62.5°	1472.2	1230.1	492.6	91.1	78.3	95.4	119.6	170.9	239.2	247.7	240.6
65°	1453.7	1171.8	421.4	82.6	75.5	94.0	121.0	185.1	227.8	227.8	226.4
67.5°	1376.8	1093.5	314.7	74.0	71.2	94.0	123.9	182.2	219.3	237.8	237.8
70°	1274.3	962.5	207.9	65.5	66.9	91.1	129.6	185.1	226.4	252.0	249.2
72.5°	1079.2	798.7	115.3	57.0	61.2	89.7	129.6	196.5	244.9	273.4	269.1
75°	881.3	590.9	82.6	51.3	55.5	86.9	131.0	203.6	262.0	291.9	284.8
77.5°	620.8	338.9	65.5	44.1	49.8	82.6	129.6	200.8	270.5	297.6	289.0
80°	262.0	122.4	54.1	39.9	42.7	74.0	119.6	192.2	270.5	314.7	310.4
82.5°	118.2	86.9	47.0	35.6	39.9	61.2	111.1	185.1	262.0	316.1	341.7
85°	92.5	71.2	39.9	31.3	35.6	58.4	99.7	176.5	250.6	291.9	320.3
87.5°	88.3	71.2	35.6	28.5	32.7	49.8	76.9	163.7	225.0	269.1	291.9
90°	95.4	74.0	28.5	24.2	29.9	44.1	62.6	138.1	195.1	236.3	236.3
92.5°	88.3	68.3	21.4	18.5	31.3	35.6	59.8	85.4	141.0	118.2	146.6
95°	74.0	57.0	14.2	12.8	29.9	29.9	32.7	39.9	98.2	2.8	0.0
97.5°	54.1	41.3	8.5	7.1	22.8	24.2	15.7	18.5	39.9	0.0	0.0
100°	39.9	27.1	5.7	5.7	14.2	19.9	10.0	10.0	0.0	0.0	0.0
102.5°	21.4	14.2	4.3	2.8	7.1	11.4	4.3	2.8	0.0	0.0	0.0
105°	11.4	5.7	1.4	1.4	1.4	1.4	0.0	0.0	0.0	0.0	0.0
107.5°	2.8	1.4	1.4	1.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0
110°	1.4	1.4	1.4	1.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: CRTK2-C015-D-U-T3-7030

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
112.5°	1.4	1.4	1.4	1.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0
115°	1.4	1.4	1.4	1.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	1.4	1.4	1.4	1.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0
120°	1.4	1.4	1.4	1.4	1.4	1.4	0.0	0.0	0.0	0.0	0.0
122.5°	1.4	1.4	1.4	1.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0
125°	1.4	1.4	1.4	1.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	1.4	1.4	1.4	1.4	1.4	1.4	0.0	0.0	0.0	0.0	0.0
130°	1.4	1.4	1.4	1.4	1.4	1.4	0.0	0.0	0.0	0.0	0.0
132.5°	1.4	1.4	1.4	1.4	1.4	1.4	0.0	0.0	0.0	0.0	0.0
135°	1.4	1.4	1.4	1.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	1.4	1.4	1.4	1.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0
140°	1.4	1.4	1.4	1.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	1.4	1.4	1.4	1.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0
145°	1.4	1.4	1.4	1.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	1.4	1.4	1.4	1.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0
150°	1.4	1.4	1.4	1.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	1.4	1.4	1.4	1.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0
155°	1.4	1.4	1.4	1.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	1.4	1.4	1.4	1.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0
160°	1.4	1.4	1.4	1.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	1.4	1.4	1.4	1.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0
165°	1.4	1.4	1.4	1.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	1.4	1.4	1.4	1.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0
170°	1.4	1.4	1.4	1.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	1.4	1.4	1.4	1.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0
175°	1.4	1.4	1.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	1.4	1.4	1.4	1.4	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)