

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: P853344

Luminaire Tested: **CRTK-N-30-730-U-T2R-CNR**

Issue Date: 7/11/2024

Test Information

Test Method: LM-79-08
Report Number: P853344
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-111-3)
Test Lab: INNOVATION CENTER
Issue Date: 7/11/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: CRTK-N-30-730-U-T2R-CNR
Description:
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

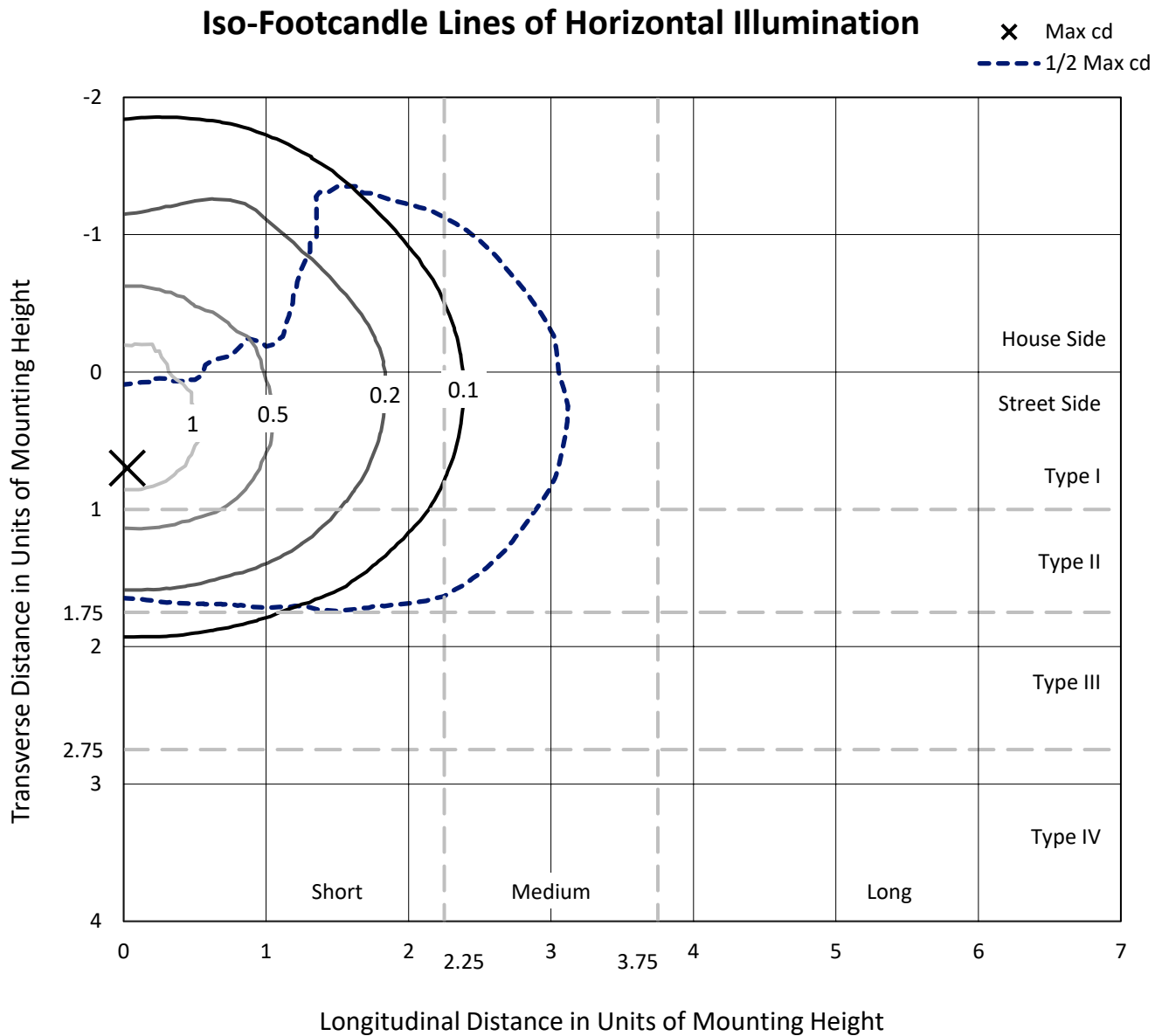
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4342 lumens
Efficiency: N/A
Efficacy: 134.4 lumens/watt
Luminous Opening: Vertical Cylinder (Dia: 0.5' x H: 0.25')
IES Classification: Type II - Short
BUG Rating: B2 - U3 - G2

Input Watts (W): 32.3
Input Voltage (V): 120.0
Input Current (Ain): 0.271
Voltage Rise (V): NR
Power Factor: 0.993
Total Harmonic Distortion (THDi): 10.1%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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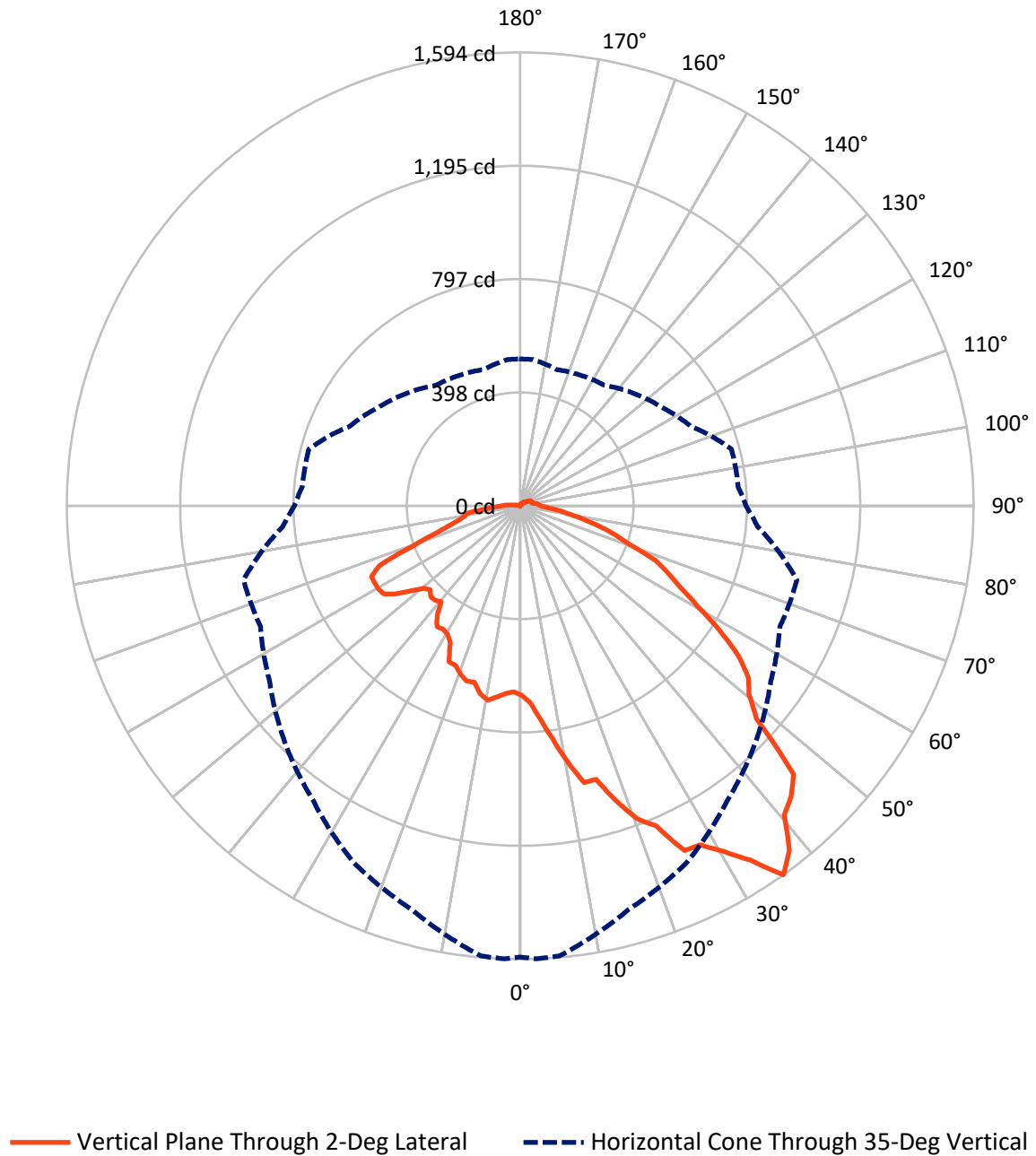


Based on 25 foot mounting height. Maximum calculated value = 1.6 fc
Type II - Short - N/A

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Luminous Intensity Polar Plot



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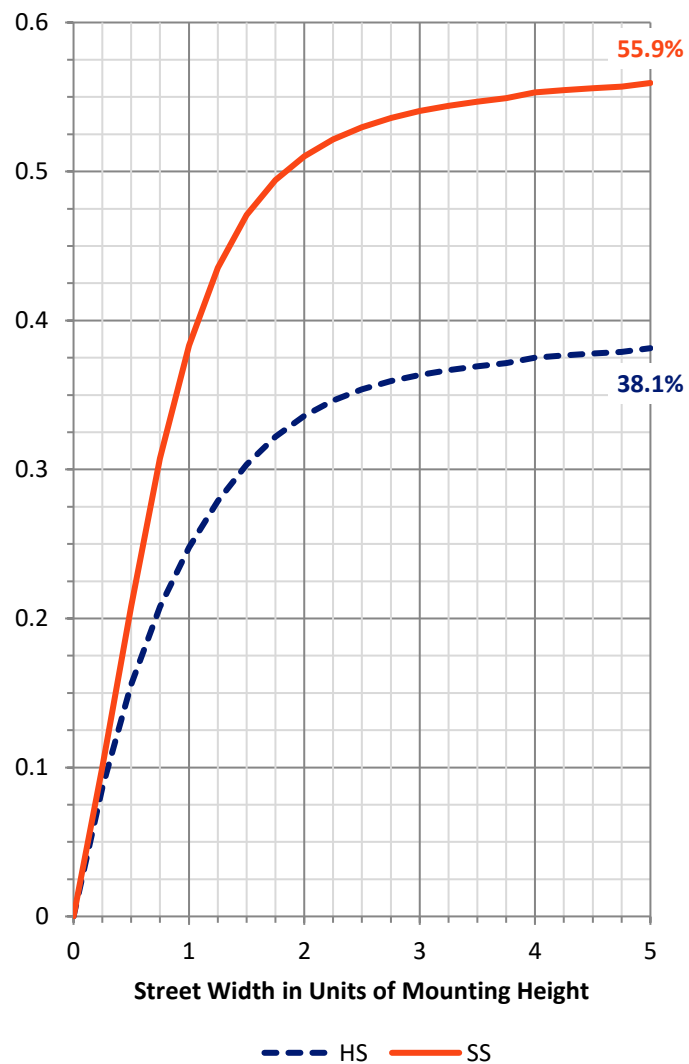
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1697.0	69.1	1766.2
	% Fixture	39.1	1.6	40.7
Street Side	Lumens	2462.6	113.2	2575.8
	% Fixture	56.7	2.6	59.3
Total	Lumens	4159.6	182.4	4342.0
	% Fixture	95.8	4.2	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	68.5	1.6
10°-20°	229.4	5.3
20°-30°	393.5	9.1
30°-40°	565.5	13.0
40°-50°	688.1	15.8
50°-60°	807.4	18.6
60°-70°	801.3	18.5
70°-80°	445.5	10.3
80°-90°	160.3	3.7
90°-100°	58.3	1.3
100°-110°	50.1	1.2
110°-120°	41.6	1.0
120°-130°	16.9	0.4
130°-140°	8.5	0.2
140°-150°	4.5	0.1
150°-160°	2.1	0.0
160°-170°	0.4	0.0
170°-180°	0.0	0.0
0°-90°	4159.6	95.8
0°-180°	4342.0	100.0

Coefficient of Utilization



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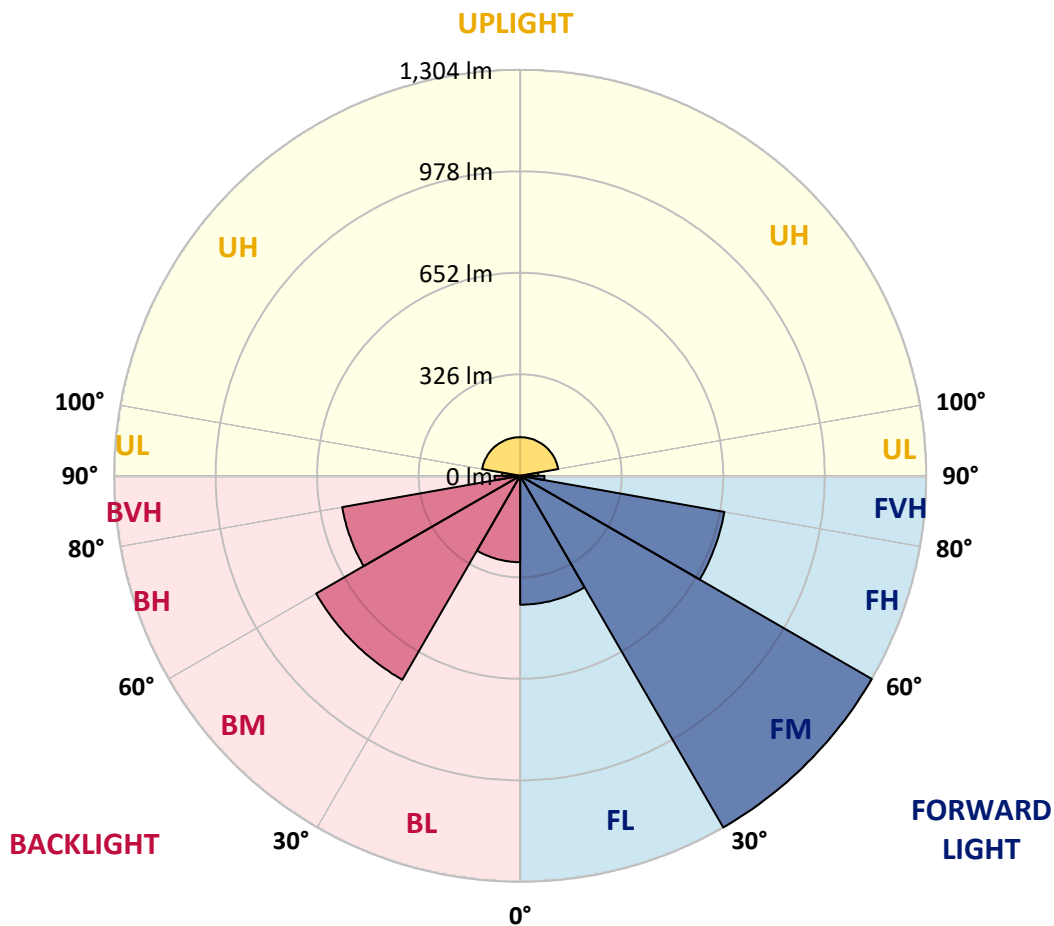
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	413.9	9.5			
FM	(30°-60°)	1304.3	30.0			
FH	(60°-80°)	666.3	15.3			G1/1800
FVH	(80°-90°)	78.1	1.8			G1/100
BL	(0°-30°)	277.5	6.4	B1/500		
BM	(30°-60°)	756.8	17.4	B1/1000		
BH	(60°-80°)	580.6	13.4	B2/1000		G2/1000
BVH	(80°-90°)	82.2	1.9			G1/100
UL	(90°-100°)	58.3	1.3		U3/500	
UH	(100°-180°)	124.1	2.9		U3/500	

BUG Rating: B2-U3-G2

Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	2°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	666.6	666.6	666.6	666.6	666.6	666.6	666.6	666.6	666.6	666.6	666.6
2.5°	692.8	694.0	694.0	699.0	695.3	695.3	687.8	682.8	682.8	676.6	666.6
5°	752.6	755.1	753.8	757.6	748.9	743.9	727.7	715.2	706.5	694.0	679.1
7.5°	827.4	829.9	828.6	828.6	816.1	804.9	778.8	756.3	738.9	719.0	695.3
10°	908.4	915.8	914.6	912.1	890.9	869.7	834.8	801.2	773.8	745.1	714.0
12.5°	998.1	998.1	998.1	979.4	943.2	909.6	871.0	837.3	811.2	777.5	737.6
15°	993.1	998.1	1004.3	1033.0	1011.8	974.4	918.3	866.0	822.4	780.0	760.1
17.5°	1079.1	1090.3	1087.8	1086.5	1089.0	1071.6	1001.8	932.0	876.0	817.4	730.2
20°	1171.3	1175.0	1175.0	1177.5	1147.6	1145.1	1087.8	1004.3	935.8	823.6	740.1
22.5°	1213.6	1222.4	1216.1	1214.9	1163.8	1118.9	1101.5	1013.0	908.4	780.0	686.6
25°	1335.7	1343.2	1328.3	1266.0	1186.2	1112.7	1069.1	1077.8	874.7	778.8	714.0
27.5°	1345.7	1349.4	1355.7	1369.4	1304.6	1221.1	1115.2	925.8	898.4	851.0	782.5
30°	1405.5	1410.5	1395.5	1436.7	1441.7	1299.6	1094.0	925.8	933.3	883.4	852.3
32.5°	1475.3	1485.3	1487.8	1497.7	1405.5	1323.3	1076.6	985.6	966.9	939.5	859.8
35°	1586.2	1593.7	1588.7	1470.3	1384.3	1267.2	1171.3	1075.3	1006.8	1006.8	837.3
37.5°	1542.6	1536.3	1547.6	1491.5	1420.5	1223.6	1206.2	1188.7	1101.5	925.8	917.1
40°	1425.5	1429.2	1426.7	1506.4	1360.7	1283.4	1251.0	1198.7	1084.0	994.3	980.6
42.5°	1391.8	1396.8	1410.5	1344.5	1312.1	1356.9	1256.0	1113.9	1089.0	1077.8	979.4
45°	1375.6	1347.0	1320.8	1231.1	1207.4	1208.6	1203.7	1201.2	1156.3	1065.4	898.4
47.5°	1115.2	1117.7	1132.6	1194.9	1177.5	1213.6	1190.0	1156.3	1111.5	910.8	856.0
50°	1040.4	1041.7	1061.6	1092.8	1145.1	1238.5	1224.8	1147.6	1072.8	1018.0	956.9
52.5°	1006.8	1004.3	1013.0	1033.0	1084.0	1183.7	1178.7	1148.8	1125.2	1096.5	1015.5
55°	940.7	930.8	948.2	978.1	1023.0	1122.7	1172.5	1171.3	1167.5	1135.1	1062.9
57.5°	828.6	826.1	839.8	880.9	948.2	1037.9	1123.9	1152.6	1163.8	1165.0	1109.0
60°	721.4	715.2	732.7	782.5	839.8	968.2	1060.4	1110.2	1151.3	1168.8	1152.6
62.5°	638.0	631.7	645.4	685.3	750.1	863.5	998.1	1090.3	1157.6	1173.8	1157.6
65°	570.7	570.7	573.2	610.6	664.1	738.9	918.3	1023.0	1117.7	1150.1	1141.4
67.5°	505.9	513.4	512.1	549.5	586.9	667.9	776.3	899.6	1046.7	1094.0	1090.3
70°	409.9	408.7	421.2	474.7	530.8	589.4	681.6	802.4	909.6	945.7	955.7
72.5°	351.4	347.6	356.4	386.3	439.8	508.4	560.7	626.8	686.6	758.8	762.6
75°	290.3	287.8	295.3	319.0	350.1	388.8	413.7	463.5	515.9	566.9	563.2
77.5°	228.0	225.5	230.5	248.0	270.4	301.5	330.2	367.6	378.8	398.7	408.7
80°	175.7	173.2	179.4	205.6	219.3	233.0	239.2	254.2	259.2	284.1	310.3
82.5°	143.3	140.8	148.3	152.0	153.3	164.5	175.7	184.4	194.4	209.3	210.6
85°	100.9	100.9	104.7	108.4	112.1	120.9	130.8	138.3	147.0	155.8	162.0
87.5°	81.0	81.0	82.2	83.5	89.7	95.9	103.4	112.1	119.6	123.4	125.8
90°	69.8	71.0	71.0	72.3	73.5	76.0	79.7	86.0	89.7	92.2	93.5
92.5°	64.8	64.8	64.8	64.8	63.5	62.3	62.3	63.5	66.0	67.3	66.0
95°	62.3	62.3	62.3	59.8	61.1	59.8	56.1	53.6	51.1	51.1	49.8
97.5°	56.1	56.1	56.1	53.6	52.3	52.3	51.1	48.6	46.1	44.9	42.4
100°	46.1	46.1	46.1	46.1	48.6	49.8	48.6	48.6	47.3	44.9	43.6
102.5°	42.4	42.4	42.4	43.6	47.3	52.3	54.8	54.8	52.3	51.1	49.8
105°	43.6	43.6	43.6	51.1	61.1	61.1	54.8	54.8	57.3	62.3	62.3
107.5°	42.4	42.4	43.6	53.6	73.5	87.2	87.2	76.0	77.3	72.3	68.5
110°	42.4	42.4	42.4	46.1	51.1	59.8	79.7	95.9	110.9	110.9	107.2

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CANDELA DISTRIBUTION (continued):

	0°	2°	5°	15°	25°	35°	45°	55°	65°	75°	85°
112.5°	39.9	39.9	41.1	42.4	44.9	49.8	56.1	69.8	81.0	91.0	93.5
115°	39.9	39.9	39.9	41.1	43.6	47.3	52.3	59.8	66.0	71.0	67.3
117.5°	38.6	38.6	39.9	38.6	39.9	43.6	47.3	49.8	51.1	48.6	42.4
120°	32.4	32.4	32.4	33.6	34.9	36.1	37.4	38.6	36.1	34.9	32.4
122.5°	28.7	28.7	28.7	28.7	28.7	28.7	31.2	31.2	32.4	31.2	31.2
125°	22.4	22.4	23.7	22.4	23.7	23.7	24.9	26.2	26.2	26.2	26.2
127.5°	19.9	19.9	19.9	19.9	19.9	19.9	21.2	22.4	22.4	21.2	21.2
130°	17.4	17.4	17.4	17.4	17.4	17.4	17.4	18.7	18.7	18.7	17.4
132.5°	18.7	17.4	18.7	17.4	17.4	17.4	16.2	17.4	17.4	17.4	16.2
135°	17.4	17.4	16.2	16.2	16.2	16.2	15.0	15.0	16.2	15.0	13.7
137.5°	13.7	15.0	15.0	13.7	13.7	13.7	13.7	13.7	12.5	12.5	12.5
140°	12.5	12.5	12.5	12.5	12.5	11.2	12.5	11.2	11.2	11.2	11.2
142.5°	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	10.0	10.0	10.0
145°	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	8.7
147.5°	10.0	10.0	10.0	10.0	10.0	10.0	8.7	8.7	8.7	8.7	8.7
150°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	7.5
152.5°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
155°	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
157.5°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
160°	2.5	2.5	2.5	2.5	3.7	3.7	3.7	3.7	3.7	3.7	3.7
162.5°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
165°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	666.6	666.6	666.6	666.6	666.6	666.6	666.6	666.6	666.6	666.6	666.6
2.5°	664.1	662.9	665.4	665.4	661.6	657.9	655.4	652.9	652.9	654.2	654.2
5°	675.3	672.9	670.4	671.6	667.9	664.1	662.9	660.4	660.4	661.6	662.9
7.5°	689.1	685.3	684.1	682.8	680.3	677.8	676.6	675.3	675.3	676.6	677.8
10°	705.3	700.3	696.5	697.8	691.5	686.6	684.1	681.6	686.6	690.3	694.0
12.5°	726.4	721.4	709.0	702.8	682.8	674.1	669.1	669.1	672.9	674.1	676.6
15°	746.4	730.2	699.0	701.5	696.5	690.3	685.3	675.3	657.9	639.2	642.9
17.5°	705.3	710.2	722.7	722.7	719.0	711.5	697.8	670.4	649.2	642.9	645.4
20°	720.2	711.5	722.7	743.9	736.4	726.4	687.8	654.2	633.0	628.0	628.0
22.5°	665.4	654.2	669.1	710.2	716.5	670.4	611.8	600.6	606.8	605.6	605.6
25°	687.8	672.9	656.7	665.4	704.0	619.3	594.4	576.9	576.9	596.8	606.8
27.5°	750.1	730.2	700.3	646.7	589.4	610.6	604.3	586.9	575.7	550.7	534.5
30°	814.9	788.7	694.0	650.4	564.4	579.4	586.9	590.6	547.0	519.6	518.3
32.5°	836.1	783.8	732.7	639.2	583.1	555.7	570.7	532.1	525.8	512.1	510.9
35°	793.7	768.8	768.8	661.6	605.6	560.7	517.1	505.9	495.9	515.9	515.9
37.5°	876.0	832.3	697.8	692.8	631.7	550.7	504.6	510.9	490.9	482.2	487.2
40°	958.2	873.5	740.1	677.8	618.0	565.7	523.3	494.7	485.9	439.8	434.9
42.5°	890.9	874.7	791.2	656.7	604.3	591.9	557.0	510.9	451.1	444.8	448.6
45°	849.8	811.2	770.0	699.0	639.2	618.0	554.5	503.4	463.5	449.8	447.3
47.5°	827.4	777.5	710.2	692.8	641.7	621.8	621.8	524.6	468.5	434.9	431.1
50°	923.3	882.2	792.5	714.0	676.6	657.9	689.1	560.7	489.7	451.1	443.6
52.5°	978.1	933.3	853.5	770.0	706.5	684.1	723.9	598.1	522.1	489.7	481.0
55°	1024.2	983.1	889.7	812.4	743.9	715.2	726.4	634.2	560.7	532.1	533.3
57.5°	1082.8	1039.2	925.8	839.8	768.8	740.1	723.9	665.4	590.6	570.7	569.4
60°	1145.1	1094.0	976.9	862.2	786.2	756.3	748.9	697.8	609.3	583.1	574.4
62.5°	1136.4	1105.2	1021.7	903.4	817.4	776.3	745.1	682.8	625.5	590.6	570.7
65°	1115.2	1090.3	1008.0	884.7	797.5	747.6	676.6	635.5	610.6	576.9	580.6
67.5°	1074.1	1041.7	948.2	828.6	721.4	638.0	580.6	529.6	533.3	533.3	540.8
70°	915.8	907.1	801.2	719.0	640.5	564.4	495.9	457.3	432.4	402.5	398.7
72.5°	728.9	721.4	633.0	554.5	518.3	483.5	442.3	373.8	332.7	310.3	309.0
75°	539.5	533.3	492.2	441.1	408.7	378.8	345.1	300.3	267.9	256.7	254.2
77.5°	392.5	377.5	363.8	352.6	346.4	317.7	275.4	243.0	226.8	220.5	219.3
80°	299.0	285.3	271.6	259.2	262.9	250.5	228.0	211.8	201.9	196.9	196.9
82.5°	205.6	203.1	200.6	195.6	200.6	188.1	176.9	167.0	179.4	189.4	190.6
85°	162.0	160.7	162.0	153.3	153.3	139.6	135.8	127.1	124.6	124.6	123.4
87.5°	125.8	127.1	129.6	120.9	118.4	109.7	104.7	100.9	97.2	93.5	94.7
90°	93.5	94.7	94.7	88.5	86.0	79.7	76.0	73.5	69.8	66.0	66.0
92.5°	66.0	66.0	66.0	62.3	61.1	57.3	54.8	53.6	53.6	53.6	53.6
95°	49.8	49.8	48.6	46.1	44.9	43.6	44.9	43.6	42.4	37.4	38.6
97.5°	41.1	39.9	39.9	38.6	37.4	36.1	33.6	29.9	26.2	21.2	22.4
100°	42.4	41.1	39.9	39.9	37.4	29.9	24.9	21.2	17.4	13.7	13.7
102.5°	49.8	48.6	44.9	42.4	38.6	31.2	23.7	18.7	15.0	8.7	8.7
105°	59.8	57.3	49.8	46.1	39.9	31.2	24.9	19.9	13.7	6.2	5.0
107.5°	66.0	59.8	54.8	52.3	52.3	46.1	37.4	22.4	11.2	5.0	2.5
110°	104.7	98.4	86.0	78.5	69.8	53.6	31.2	17.4	7.5	3.7	2.5

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CATALOG NUMBER: CRTK-N-30-730-U-T2R-CNR

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
112.5°	92.2	88.5	76.0	61.1	46.1	32.4	18.7	12.5	7.5	2.5	2.5
115°	62.3	57.3	44.9	37.4	28.7	21.2	15.0	11.2	7.5	3.7	1.2
117.5°	38.6	36.1	31.2	26.2	23.7	18.7	13.7	10.0	5.0	1.2	0.0
120°	31.2	29.9	26.2	23.7	18.7	16.2	11.2	8.7	3.7	0.0	0.0
122.5°	28.7	27.4	23.7	19.9	17.4	13.7	10.0	6.2	2.5	1.2	0.0
125°	24.9	24.9	22.4	18.7	16.2	13.7	8.7	5.0	1.2	1.2	1.2
127.5°	19.9	19.9	17.4	16.2	12.5	10.0	7.5	5.0	1.2	1.2	1.2
130°	17.4	16.2	15.0	12.5	10.0	7.5	6.2	3.7	1.2	1.2	1.2
132.5°	16.2	15.0	12.5	11.2	8.7	6.2	5.0	3.7	1.2	1.2	1.2
135°	13.7	12.5	11.2	10.0	7.5	6.2	5.0	2.5	1.2	1.2	1.2
137.5°	11.2	11.2	10.0	8.7	6.2	6.2	5.0	2.5	1.2	1.2	1.2
140°	10.0	10.0	8.7	7.5	6.2	5.0	3.7	2.5	1.2	1.2	1.2
142.5°	8.7	8.7	7.5	6.2	5.0	3.7	2.5	1.2	1.2	1.2	1.2
145°	8.7	8.7	7.5	6.2	5.0	3.7	2.5	1.2	1.2	1.2	1.2
147.5°	7.5	7.5	7.5	6.2	3.7	3.7	2.5	1.2	1.2	1.2	1.2
150°	7.5	7.5	6.2	5.0	3.7	2.5	2.5	1.2	1.2	1.2	1.2
152.5°	6.2	6.2	6.2	5.0	3.7	2.5	1.2	1.2	1.2	1.2	1.2
155°	6.2	5.0	5.0	3.7	2.5	2.5	1.2	1.2	1.2	1.2	1.2
157.5°	5.0	5.0	3.7	3.7	2.5	2.5	1.2	1.2	1.2	1.2	1.2
160°	3.7	3.7	3.7	2.5	2.5	1.2	1.2	1.2	1.2	1.2	1.2
162.5°	2.5	2.5	2.5	2.5	2.5	1.2	1.2	1.2	1.2	1.2	1.2
165°	2.5	2.5	2.5	2.5	1.2	1.2	1.2	1.2	1.2	1.2	1.2
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)