

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: P691326

Luminaire Tested: **CRTK2-C015-D-U-T3-7030-U0**

Issue Date: 6/13/2023

Test Information

Test Method: LM-79-08
Report Number: P691326
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-903-11)
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-U0
Description: CARETAKER AREA AND ROADWAY LUMINAIRE
(1) 70 CRI, 3000K LED WITH TYPE III OPTIC AND U0 SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4186 lumens
Efficiency: N/A
Efficacy: 140.0 lumens/watt
Luminous Opening: Circular (Dia: 0.33' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B1 - U0 - G1

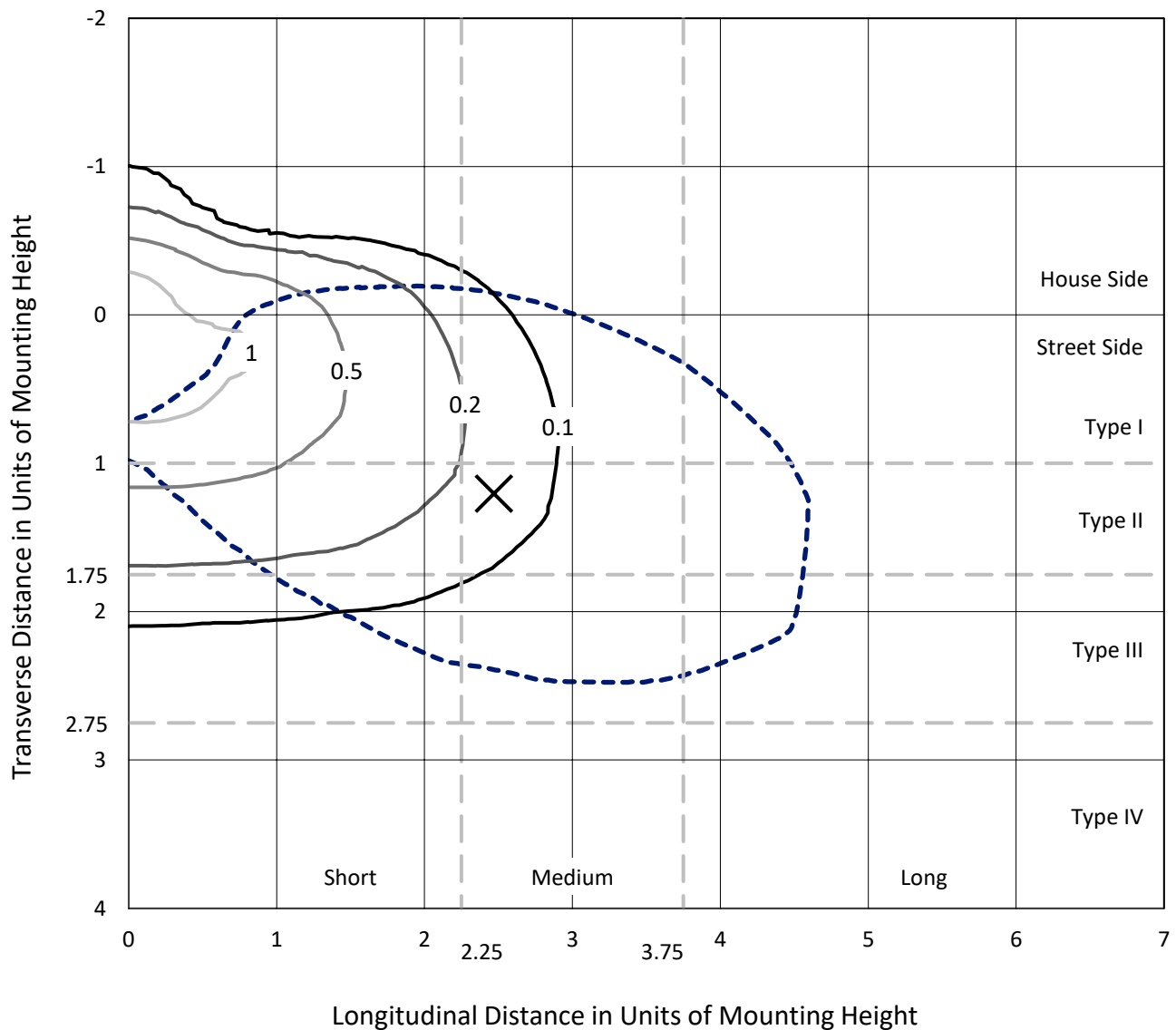
Input Watts (W): 29.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

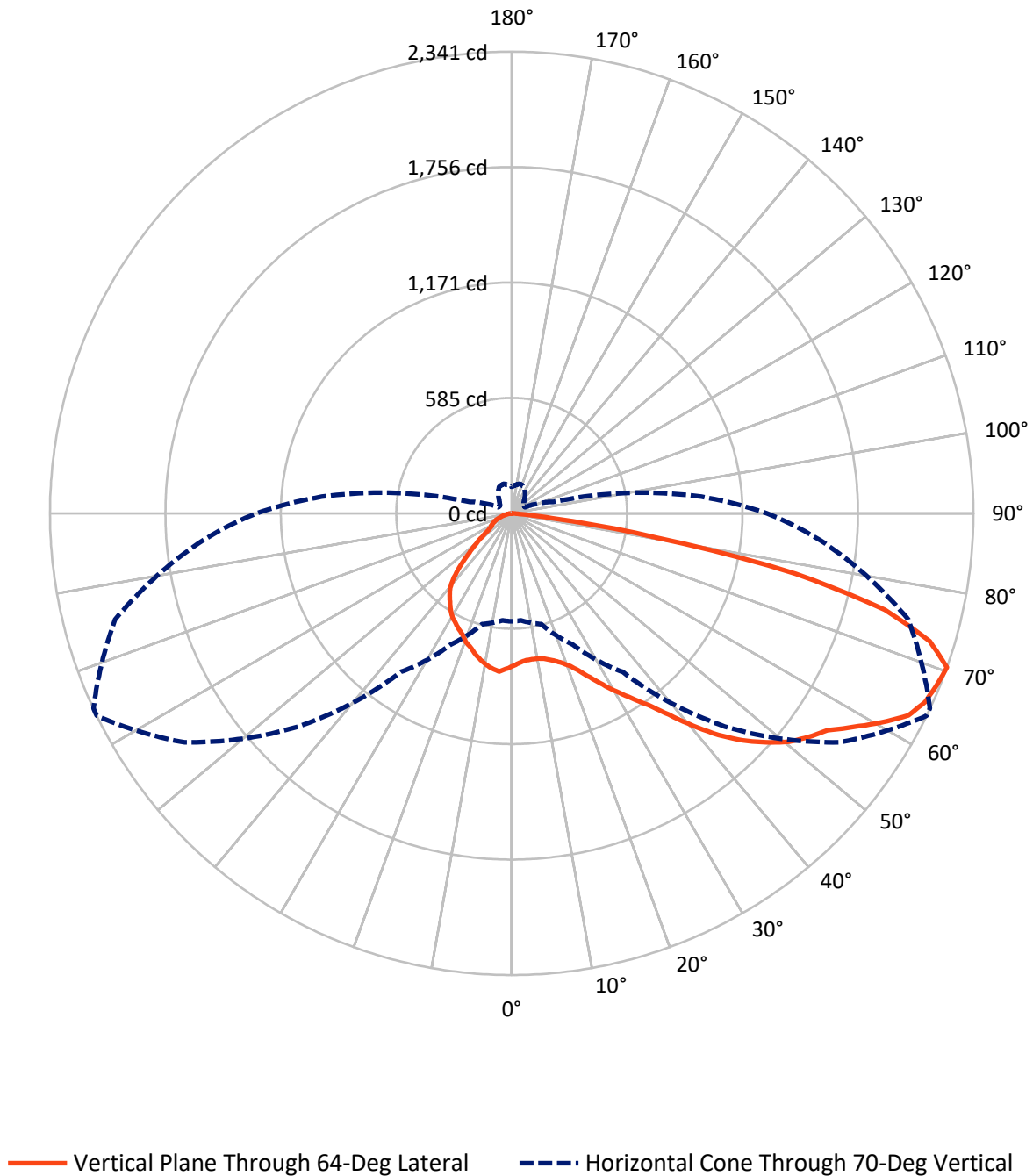
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.3 fc
 Type III - Medium - N/A

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Luminous Intensity Polar Plot



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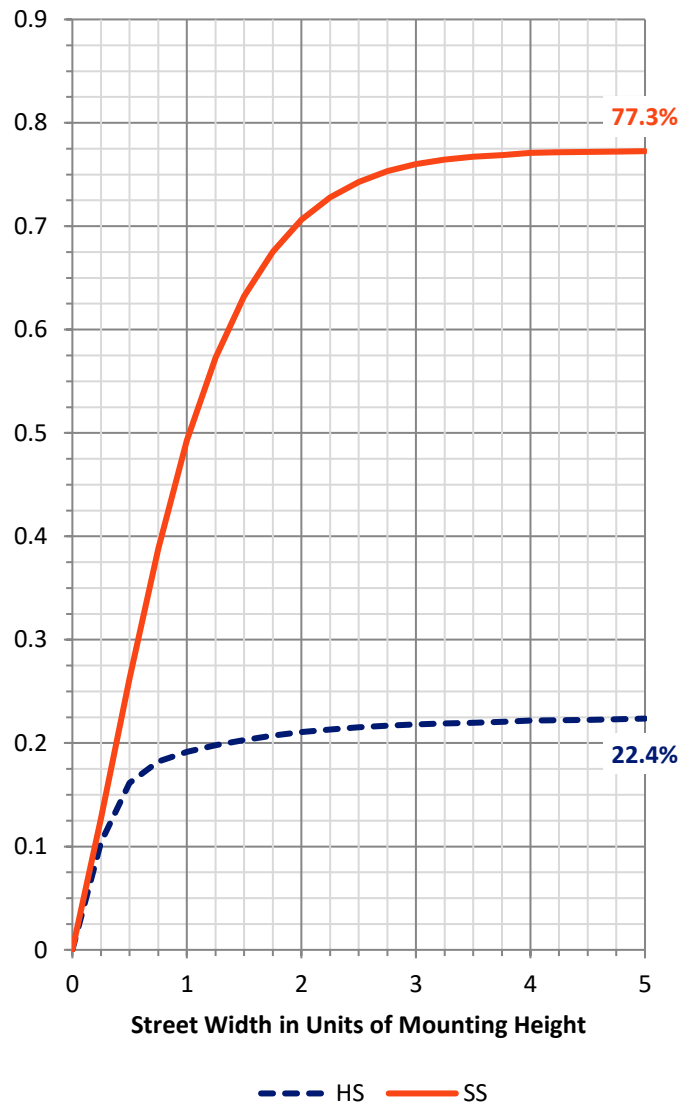
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	950.9	0.0	950.9
	% Fixture	22.7	0.0	22.7
Street Side	Lumens	3235.1	0.0	3235.1
	% Fixture	77.3	0.0	77.3
Total	Lumens	4186.0	0.0	4186.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	74.5	1.8
10°-20°	218.3	5.2
20°-30°	362.4	8.7
30°-40°	518.3	12.4
40°-50°	692.2	16.5
50°-60°	836.5	20.0
60°-70°	890.2	21.3
70°-80°	546.9	13.1
80°-90°	46.8	1.1
90°-100°	0.0	0.0
100°-110°	0.0	0.0
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°	4186.0	100.0
0°-180°	4186.0	100.0

Coefficient of Utilization



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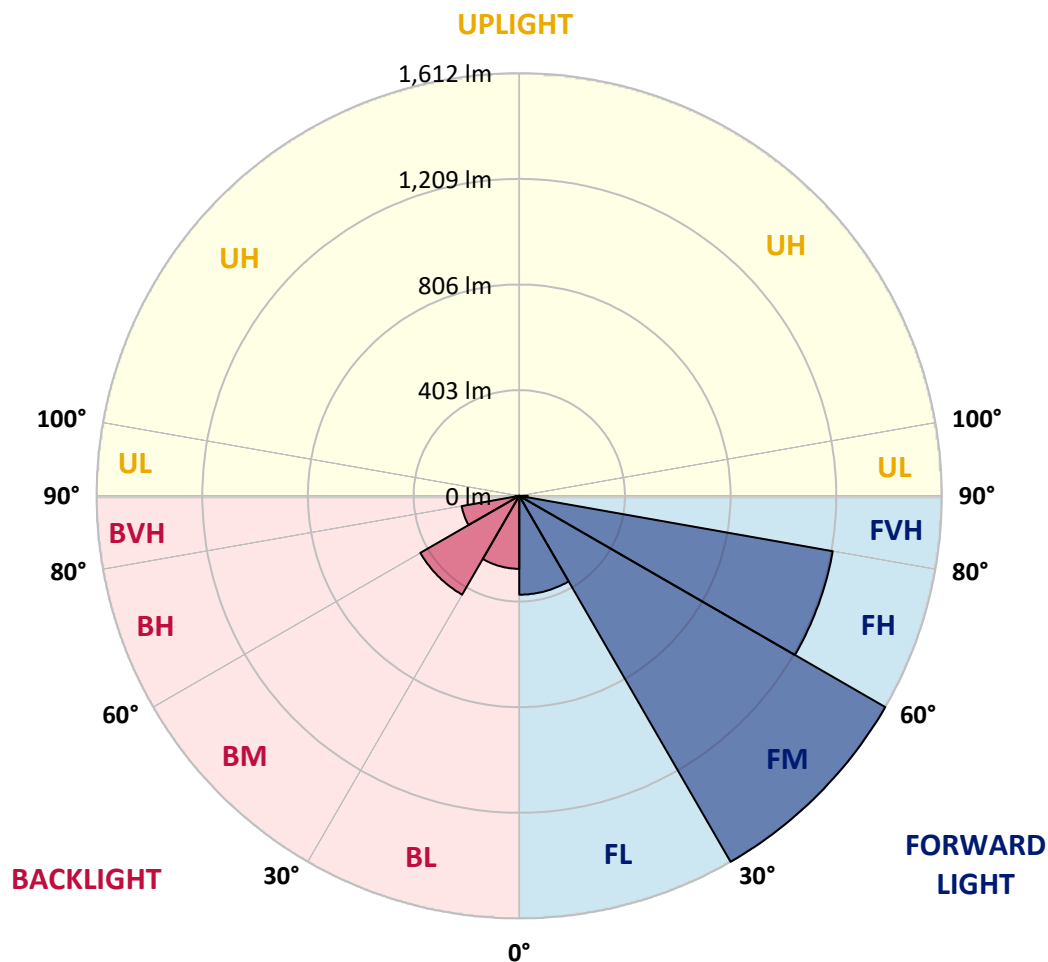
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	376.9	9.0			
FM	(30°-60°)	1611.5	38.5			
FH	(60°-80°)	1214.1	29.0			G1/1800
FVH	(80°-90°)	32.5	0.8			G1/100
BL	(0°-30°)	278.2	6.6	B1/500		
BM	(30°-60°)	435.4	10.4	B1/1000		
BH	(60°-80°)	223.0	5.3	B1/500		G1/500
BVH	(80°-90°)	14.3	0.3			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1

Type III Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	774.2	774.2	774.2	774.2	774.2	774.2	774.2	774.2	774.2	774.2	774.2
2.5°	755.7	755.7	755.7	755.7	757.1	758.6	757.1	758.6	758.6	761.4	765.7
5°	768.5	768.5	765.7	760.0	755.7	750.0	747.2	748.6	748.6	755.7	767.1
7.5°	772.8	772.8	769.9	769.9	765.7	752.9	748.6	747.2	748.6	751.4	767.1
10°	794.1	792.7	785.6	777.1	771.4	760.0	750.0	748.6	750.0	754.3	771.4
12.5°	816.9	816.9	814.1	806.9	791.3	779.9	762.8	757.1	755.7	760.0	769.9
15°	862.4	856.8	845.4	835.4	824.0	805.5	782.7	772.8	769.9	775.6	771.4
17.5°	889.5	885.2	886.6	871.0	861.0	835.4	812.6	794.1	792.7	798.4	779.9
20°	919.4	918.0	920.8	919.4	903.7	880.9	845.4	822.6	819.8	821.2	792.7
22.5°	964.9	964.9	963.5	963.5	955.0	927.9	888.1	865.3	861.0	851.1	814.1
25°	1014.7	1014.7	1014.7	1017.6	1017.6	986.3	946.4	920.8	918.0	903.7	849.6
27.5°	1061.7	1064.5	1066.0	1067.4	1071.7	1057.4	1013.3	983.4	982.0	963.5	896.6
30°	1098.7	1100.1	1112.9	1115.8	1124.3	1120.0	1077.3	1048.9	1051.7	1027.5	949.3
32.5°	1131.4	1132.9	1151.4	1161.3	1171.3	1172.7	1137.1	1117.2	1117.2	1095.8	1013.3
35°	1162.7	1164.2	1186.9	1211.1	1231.1	1225.4	1205.4	1194.0	1198.3	1191.2	1101.5
37.5°	1189.8	1195.5	1225.4	1260.9	1283.7	1288.0	1279.4	1295.1	1303.6	1315.0	1221.1
40°	1215.4	1218.2	1246.7	1283.7	1322.1	1342.1	1352.0	1416.1	1424.6	1433.1	1289.4
42.5°	1191.2	1196.9	1258.1	1313.6	1362.0	1396.1	1443.1	1537.0	1555.5	1508.6	1381.9
45°	1162.7	1169.9	1231.1	1325.0	1393.3	1455.9	1542.7	1642.4	1656.6	1585.4	1431.7
47.5°	1138.5	1147.1	1209.7	1315.0	1426.0	1537.0	1623.9	1736.3	1744.8	1650.9	1500.0
50°	1111.5	1118.6	1185.5	1302.2	1443.1	1611.0	1709.2	1821.7	1824.5	1705.0	1535.6
52.5°	1075.9	1083.0	1151.4	1282.3	1455.9	1660.9	1780.4	1884.3	1872.9	1774.7	1576.9
55°	1030.4	1040.3	1114.4	1255.2	1463.0	1690.7	1828.8	1942.6	1937.0	1857.3	1631.0
57.5°	982.0	992.0	1067.4	1218.2	1455.9	1709.2	1878.6	2043.7	2042.3	1924.1	1670.8
60°	927.9	936.5	1000.5	1169.9	1417.5	1739.1	1988.2	2153.3	2164.7	1999.6	1686.5
62.5°	856.8	858.2	922.2	1100.1	1367.7	1760.5	2066.5	2257.2	2250.1	2049.4	1689.3
65°	762.8	767.1	824.0	1003.3	1286.6	1743.4	2086.4	2304.1	2304.1	2086.4	1686.5
67.5°	671.7	670.3	718.7	882.4	1161.3	1668.0	2069.3	2324.1	2334.0	2110.6	1649.5
70°	547.9	545.1	582.1	734.4	982.0	1528.5	2025.2	2341.1	2339.7	2082.1	1571.2
72.5°	405.6	404.2	429.8	556.5	751.4	1307.9	1894.3	2215.9	2201.7	1945.5	1418.9
75°	224.9	213.5	212.1	344.4	436.9	916.5	1609.6	1954.0	1959.7	1719.2	1188.4
77.5°	32.7	34.2	35.6	62.6	75.4	343.0	1046.0	1473.0	1470.1	1326.4	866.7
80°	22.8	24.2	25.6	31.3	35.6	81.1	361.5	742.9	785.6	697.4	399.9
82.5°	17.1	17.1	18.5	21.3	19.9	37.0	112.4	206.4	213.5	193.6	118.1
85°	11.4	11.4	10.0	11.4	7.1	10.0	25.6	38.4	41.3	39.8	32.7
87.5°	5.7	5.7	4.3	4.3	2.8	2.8	2.8	1.4	2.8	1.4	2.8
90°	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°	774.2	774.2	774.2	774.2	774.2	774.2	774.2	774.2	774.2	774.2	774.2
2.5°	769.9	772.8	781.3	788.4	797.0	806.9	812.6	818.3	824.0	821.2	825.4
5°	772.8	778.5	791.3	804.1	811.2	812.6	814.1	818.3	826.9	826.9	834.0
7.5°	775.6	785.6	785.6	792.7	802.7	805.5	806.9	809.8	814.1	815.5	814.1
10°	775.6	771.4	778.5	779.9	775.6	782.7	787.0	785.6	789.9	791.3	791.3
12.5°	767.1	765.7	760.0	760.0	758.6	747.2	747.2	758.6	758.6	765.7	767.1
15°	767.1	755.7	748.6	738.6	728.7	724.4	718.7	710.2	713.0	723.0	725.8
17.5°	765.7	752.9	731.5	711.6	704.5	687.4	681.7	681.7	680.3	686.0	687.4
20°	771.4	752.9	720.1	697.4	658.9	653.2	641.9	643.3	644.7	636.2	631.9
22.5°	787.0	764.2	711.6	667.5	637.6	612.0	590.6	576.4	575.0	570.7	575.0
25°	811.2	784.2	713.0	650.4	602.0	565.0	550.8	516.6	501.0	502.4	510.9
27.5°	855.3	808.4	720.1	631.9	573.5	520.9	475.3	454.0	436.9	436.9	439.8
30°	896.6	845.4	717.3	616.2	529.4	464.0	405.6	371.5	365.8	360.1	358.6
32.5°	973.5	892.3	745.7	593.5	488.2	391.4	333.0	286.1	290.3	291.8	294.6
35°	1050.3	967.8	751.4	565.0	428.4	318.8	257.6	232.0	243.4	246.2	249.1
37.5°	1152.8	1061.7	789.9	539.4	367.2	244.8	204.9	193.6	204.9	204.9	206.4
40°	1208.3	1105.8	821.2	513.8	287.5	180.7	160.8	152.3	166.5	177.9	180.7
42.5°	1286.6	1162.7	849.6	462.5	203.5	135.2	123.8	140.9	163.7	175.1	176.5
45°	1326.4	1191.2	839.7	394.2	133.8	109.6	121.0	142.3	165.1	176.5	177.9
47.5°	1380.5	1231.1	819.8	314.5	106.7	108.2	122.4	146.6	169.4	179.3	180.7
50°	1433.1	1272.3	768.5	250.5	102.5	108.2	125.2	148.0	167.9	175.1	173.6
52.5°	1463.0	1310.8	703.1	190.7	102.5	109.6	128.1	150.9	166.5	167.9	167.9
55°	1490.1	1315.0	649.0	148.0	101.0	111.0	130.9	153.7	167.9	167.9	165.1
57.5°	1507.1	1297.9	607.7	128.1	101.0	111.0	130.9	153.7	175.1	179.3	175.1
60°	1500.0	1265.2	579.2	119.5	98.2	109.6	129.5	158.0	214.9	224.9	216.3
62.5°	1483.0	1246.7	518.0	109.6	93.9	105.3	126.7	170.8	230.6	232.0	224.9
65°	1467.3	1185.5	444.0	98.2	88.2	101.0	122.4	173.6	195.0	187.9	186.4
67.5°	1396.1	1105.8	338.7	86.8	79.7	95.4	118.1	159.4	173.6	165.1	162.2
70°	1295.1	966.3	226.3	74.0	71.2	88.2	118.1	149.4	155.1	140.9	135.2
72.5°	1110.1	799.8	123.8	59.8	59.8	81.1	106.7	139.5	143.7	126.7	116.7
75°	903.7	579.2	79.7	45.5	45.5	68.3	96.8	132.4	140.9	122.4	109.6
77.5°	621.9	317.4	55.5	32.7	29.9	52.7	76.9	108.2	125.2	105.3	89.7
80°	210.6	84.0	35.6	21.3	18.5	29.9	51.2	84.0	113.9	108.2	96.8
82.5°	82.5	52.7	24.2	14.2	12.8	14.2	25.6	52.7	91.1	98.2	113.9
85°	24.2	14.2	8.5	7.1	7.1	7.1	7.1	21.3	54.1	71.2	89.7
87.5°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	12.8	22.8	29.9
90°	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)