Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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: INVUE

Report Number: P671260

Luminaire Tested: **CCP-SA-1D-750-U-SL2**

Issue Date: 04/16/2023

Report Generated By 670245763

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Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P671260
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	04/16/2023
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	INVUE
Catalog Number:	CCP-SA-1D-750-U-SL2
Description:	INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @800mA w/ SL2 distribution lens
Light Source:	(16) 5000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	5645.8 lumens
Efficiency:	N/A
Efficacy:	128.3 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B1 - U0 - G2

Input Watts (W):	44
Input Voltage (V):	120
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:	25 FT

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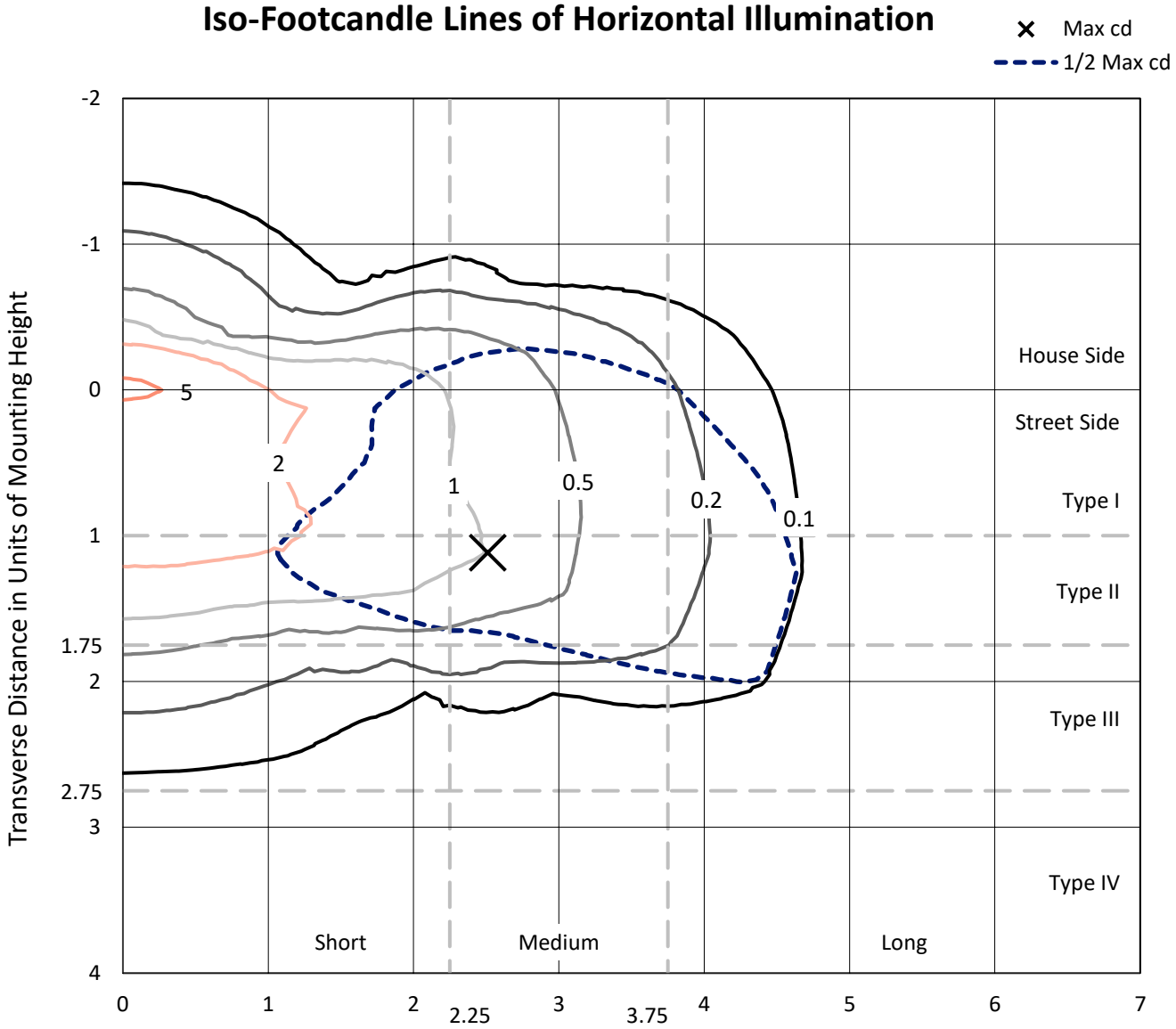
Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 5.5 fc
Type III - Medium - N/A

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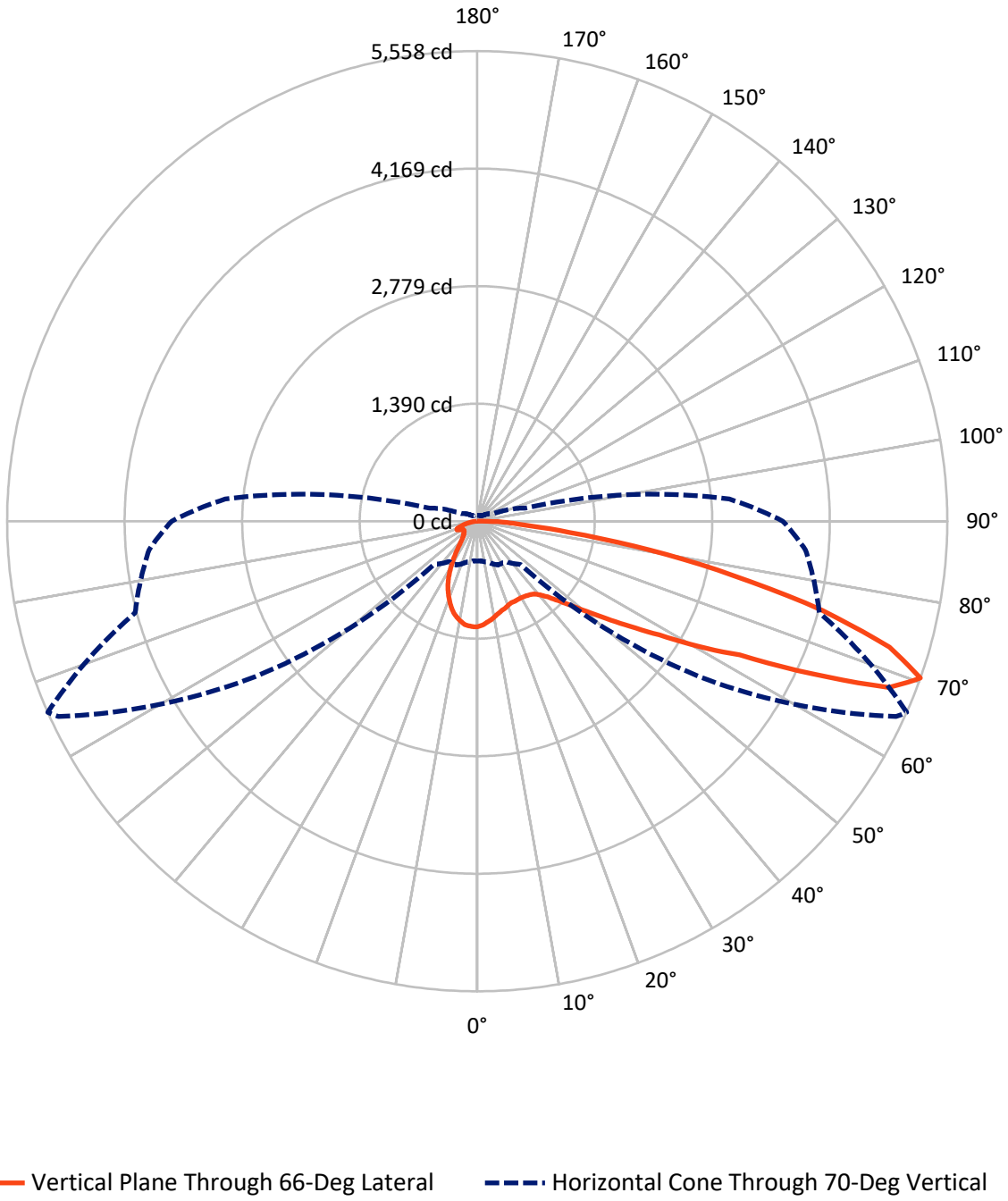
Luminous Intensity Polar Plot



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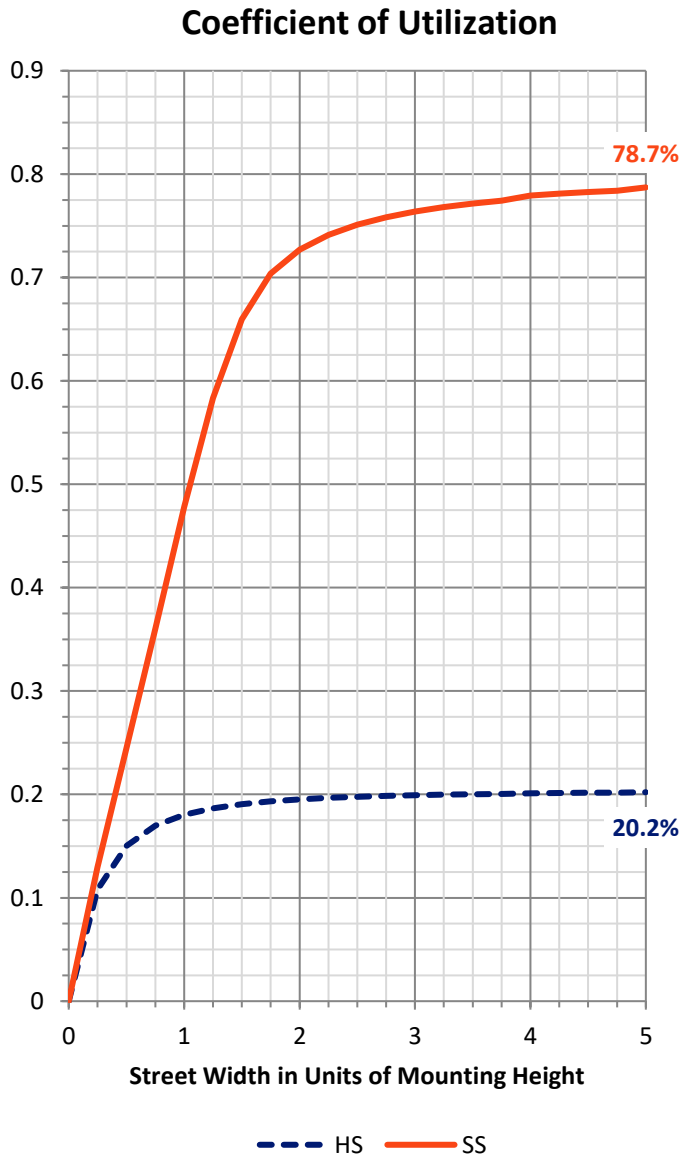
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1155.6	0.0	1155.6
	% Fixture	20.5	0.0	20.5
Street Side	Lumens	4490.2	0.0	4490.2
	% Fixture	79.5	0.0	79.5
Total	Lumens	5645.8	0.0	5645.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	110.3	2.0
10°-20°	271.5	4.8
20°-30°	372.9	6.6
30°-40°	499.9	8.9
40°-50°	725.4	12.8
50°-60°	1102.6	19.5
60°-70°	1361.7	24.1
70°-80°	1012.6	17.9
80°-90°	188.9	3.3
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°	5645.8	100.0
0°-180°	5645.8	100.0



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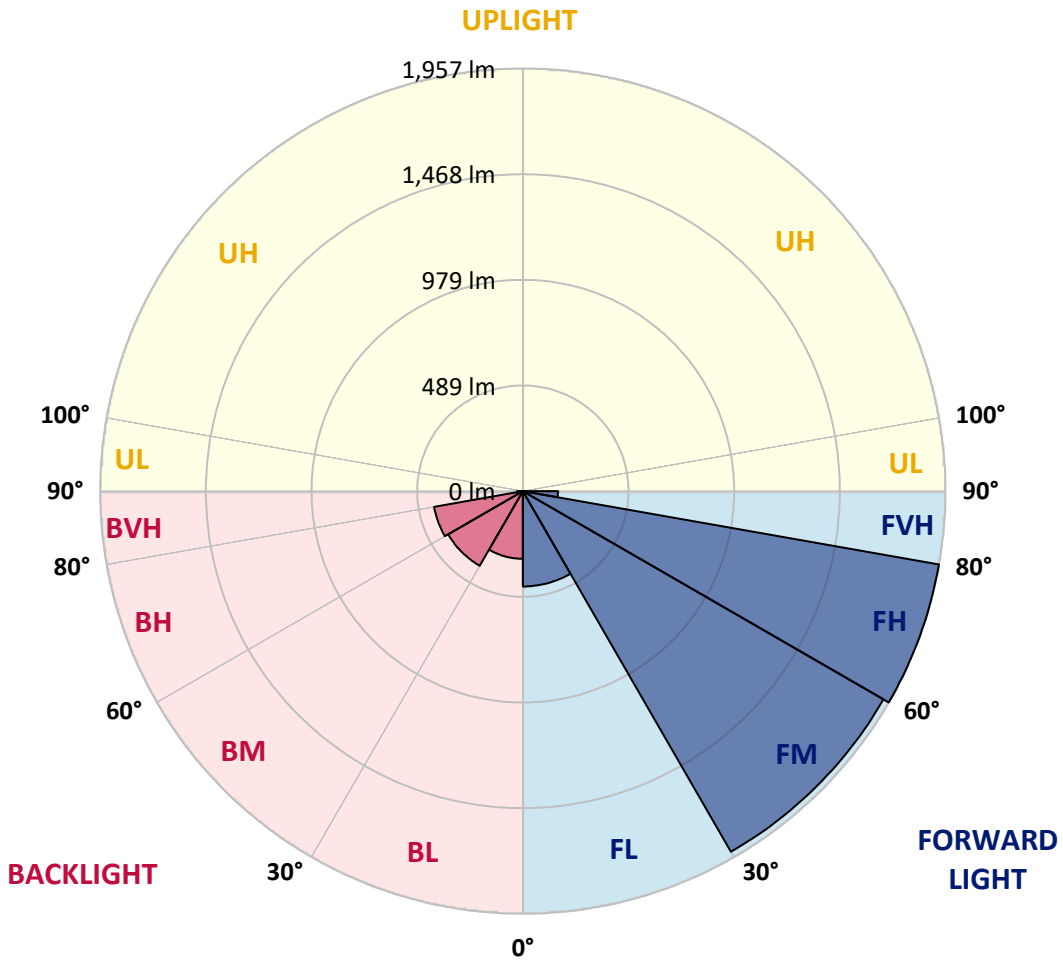
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	441.4	7.8			
FM	(30°-60°)	1928.7	34.2			
FH	(60°-80°)	1957.2	34.7			G2/5000
FVH	(80°-90°)	162.8	2.9			G2/225
BL	(0°-30°)	313.2	5.5	B1/500		
BM	(30°-60°)	399.2	7.1	B1/1000		
BH	(60°-80°)	417.2	7.4	B1/500		G1/500
BVH	(80°-90°)	26.1	0.5			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2
Type III Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°	85°
0°	1247.3	1247.3	1247.3	1247.3	1247.3	1247.3	1247.3	1247.3	*1247.3*	1247.3	1247.3
2.5°	1186.4	1192.7	1194.8	1199.0	1209.5	1217.9	1230.5	1236.8	*1230.5*	1238.9	1238.9
5°	1104.5	1096.1	1117.1	1125.5	1138.1	1154.9	1184.3	1207.4	*1201.1*	1226.3	1247.3
7.5°	1035.2	1035.2	1041.5	1060.4	1075.1	1100.3	1131.8	1167.5	*1178.0*	1211.6	1243.1
10°	972.2	980.6	980.6	1010.0	1018.4	1047.8	1100.3	1144.4	*1146.5*	1203.2	1247.3
12.5°	938.6	934.4	955.4	963.8	989.0	1018.4	1060.4	1115.0	*1117.1*	1178.0	1238.9
15°	911.3	915.5	926.0	947.0	970.1	993.2	1033.1	1083.5	*1094.0*	1165.4	1234.7
17.5°	913.4	915.5	915.5	930.2	949.1	976.4	1014.2	1073.0	*1079.3*	1148.6	1228.4
20°	926.0	917.6	923.9	930.2	942.8	968.0	999.5	1049.9	*1056.2*	1146.5	1243.1
22.5°	953.3	947.0	944.9	942.8	940.7	955.4	995.3	1037.3	*1043.6*	1136.0	1249.4
25°	997.4	995.3	980.6	965.9	955.4	955.4	986.9	1047.8	*1045.7*	1136.0	1253.6
27.5°	1049.9	1049.9	1047.8	1020.5	989.0	972.2	993.2	1043.6	*1041.5*	1136.0	1264.1
30°	1121.3	1121.3	1115.0	1089.8	1033.1	984.8	997.4	1039.4	*1045.7*	1127.6	1255.7
32.5°	1199.0	1196.9	1203.2	1180.1	1121.3	1043.6	1022.6	1047.8	*1054.1*	1136.0	1257.8
35°	1255.7	1268.3	1289.3	1268.3	1209.5	1104.5	1058.3	1064.6	*1068.8*	1138.1	1266.2
37.5°	1320.8	1335.5	1364.9	1381.7	1318.7	1196.9	1115.0	1091.9	*1091.9*	1165.4	1268.3
40°	1415.3	1400.6	1451.0	1480.4	1455.2	1310.3	1203.2	1142.3	*1144.4*	1201.1	1295.6
42.5°	1484.6	1499.3	1551.8	1604.3	1572.8	1448.9	1299.8	1224.2	*1224.2*	1253.6	1337.6
45°	1562.3	1579.1	1652.6	1715.6	1738.7	1614.8	1432.1	1341.8	*1337.6*	1356.5	1413.2
47.5°	1648.4	1671.5	1755.5	1829.0	1889.9	1787.0	1602.2	1484.6	*1482.5*	1497.2	1539.2
50°	1747.1	1755.5	1824.8	1959.2	2081.0	2015.9	1810.1	1686.2	*1675.7*	1682.0	1738.7
52.5°	1776.5	1770.2	1850.0	1994.9	2217.5	2295.2	2093.6	1915.1	*1910.9*	1896.2	1969.7
55°	1669.4	1690.4	1768.1	1952.9	2328.8	2624.8	2404.4	2228.0	*2190.2*	2150.3	2238.5
57.5°	1455.2	1457.3	1545.5	1763.9	2242.7	2897.8	2931.4	2534.6	*2536.7*	2429.6	2530.4
60°	1131.8	1125.5	1194.8	1392.2	1997.0	2981.8	3506.8	3023.8	*3002.8*	2708.8	2801.2
62.5°	816.9	804.3	819.0	934.4	1493.0	2853.7	4071.7	3571.9	*3483.7*	2994.4	3065.8
65°	672.0	678.3	684.6	690.9	837.9	2354.0	4246.0	4466.4	*4348.9*	3328.3	3357.7
67.5°	556.5	560.7	588.0	625.8	621.6	1390.1	4044.4	5293.8	*5249.7*	3742.0	3609.7
70°	*472.5*	*470.4*	*501.9*	*571.2*	*581.7*	*722.4*	*3202.3*	*5463.9*	*5558.4*	*4187.2*	*3895.3*
72.5°	378.0	382.2	409.5	501.9	571.2	609.0	1843.7	5098.5	*5096.4*	4529.4	3742.0
75°	270.9	270.9	308.7	415.8	552.3	602.7	1020.5	4138.9	*4216.6*	4256.5	3246.4
77.5°	178.5	186.9	216.3	310.8	518.7	590.1	646.8	3009.1	*3105.7*	3183.4	2484.2
80°	121.8	126.0	144.9	216.3	438.9	594.3	529.2	2024.3	*2062.1*	1757.6	1007.9
82.5°	73.5	75.6	96.6	151.2	315.0	564.9	497.7	1117.1	*1094.0*	531.3	289.8
85°	39.9	42.0	60.9	100.8	207.9	493.5	489.3	548.1	*510.3*	195.3	121.8
87.5°	14.7	14.7	27.3	50.4	119.7	338.1	426.3	325.5	*304.5*	98.7	56.7
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°	1247.3	1247.3	1247.3	1247.3	1247.3	1247.3	1247.3	1247.3	1247.3	1247.3	1247.3
2.5°	1249.4	1249.4	1249.4	1249.4	1247.3	1238.9	1245.2	1243.1	1230.5	1232.6	1224.2
5°	1245.2	1255.7	1249.4	1241.0	1230.5	1205.3	1196.9	1190.6	1173.8	1167.5	1173.8
7.5°	1255.7	1247.3	1243.1	1228.4	1186.4	1163.3	1133.9	1098.2	1073.0	1066.7	1073.0
10°	1253.6	1253.6	1234.7	1192.7	1152.8	1085.6	1047.8	984.8	949.1	938.6	940.7
12.5°	1245.2	1251.5	1222.1	1154.9	1079.3	997.4	928.1	861.0	798.0	772.8	768.6
15°	1253.6	1247.3	1194.8	1108.7	1003.7	890.3	789.6	690.9	632.1	594.3	585.9
17.5°	1241.0	1234.7	1159.1	1045.7	905.0	760.2	634.2	527.1	468.3	453.6	453.6
20°	1255.7	1215.8	1117.1	970.1	802.2	617.4	474.6	394.8	380.1	380.1	384.3
22.5°	1253.6	1211.6	1081.4	896.6	678.3	466.2	352.8	329.7	331.8	348.6	346.5
25°	1241.0	1203.2	1031.0	814.8	548.1	350.7	291.9	285.6	300.3	319.2	317.1
27.5°	1238.9	1180.1	984.8	718.2	417.9	277.2	254.1	254.1	268.8	285.6	283.5
30°	1226.3	1161.2	928.1	609.0	315.0	241.5	233.1	233.1	239.4	247.8	247.8
32.5°	1224.2	1136.0	865.2	495.6	252.0	218.4	214.2	216.3	216.3	220.5	218.4
35°	1207.4	1102.4	800.1	384.3	218.4	205.8	201.6	199.5	199.5	197.4	197.4
37.5°	1201.1	1081.4	732.9	298.2	203.7	195.3	191.1	184.8	182.7	182.7	180.6
40°	1207.4	1060.4	667.8	241.5	191.1	186.9	180.6	172.2	170.1	170.1	170.1
42.5°	1230.5	1058.3	600.6	210.0	184.8	178.5	170.1	161.7	159.6	161.7	159.6
45°	1283.0	1075.1	535.5	195.3	176.4	170.1	159.6	153.3	151.2	153.3	153.3
47.5°	1369.1	1121.3	476.7	186.9	170.1	161.7	151.2	144.9	144.9	144.9	144.9
50°	1511.9	1209.5	420.0	180.6	165.9	155.4	144.9	136.5	134.4	134.4	136.5
52.5°	1726.1	1360.7	373.8	176.4	159.6	147.0	136.5	130.2	126.0	123.9	126.0
55°	1984.4	1581.2	359.1	172.2	151.2	140.7	130.2	121.8	117.6	117.6	115.5
57.5°	2261.6	1824.8	384.3	168.0	144.9	132.3	121.8	113.4	109.2	107.1	107.1
60°	2561.9	2112.5	476.7	165.9	138.6	123.9	113.4	107.1	100.8	98.7	98.7
62.5°	2834.8	2372.9	642.6	163.8	134.4	115.5	105.0	96.6	92.4	90.3	90.3
65°	3145.6	2662.6	804.3	172.2	132.3	109.2	96.6	88.2	84.0	81.9	81.9
67.5°	3416.5	2914.6	898.7	193.2	138.6	100.8	86.1	79.8	77.7	75.6	75.6
70°	*3613.9*	*2992.3*	*602.7*	*212.1*	*149.1*	*94.5*	*77.7*	*73.5*	*69.3*	*69.3*	*69.3*
72.5°	3349.3	2671.0	357.0	199.5	140.7	88.2	69.3	65.1	63.0	63.0	60.9
75°	2864.2	2274.2	275.1	161.7	113.4	75.6	60.9	56.7	54.6	54.6	52.5
77.5°	2114.6	1629.5	203.7	128.1	88.2	60.9	52.5	50.4	48.3	46.2	46.2
80°	827.4	714.0	138.6	94.5	65.1	48.3	44.1	42.0	39.9	37.8	37.8
82.5°	256.2	216.3	79.8	63.0	46.2	37.8	35.7	33.6	31.5	29.4	29.4
85°	111.3	107.1	52.5	39.9	31.5	25.2	25.2	23.1	21.0	18.9	18.9
87.5°	54.6	52.5	29.4	18.9	16.8	12.6	12.6	10.5	8.4	8.4	8.4
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)