

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: P181363

Luminaire Tested: **ICM-F05-LED-E1-T3-HSS-7030**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P181363  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33724)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 03/03/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: ICM-F05-LED-E1-T3-HSS-7030  
Description: ICON SITE MEDIUM LED LUMINAIRE  
(5) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ HOUSE SIDE SHIELD  
Light Source: (35) 3000K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5717.5 lumens  
Efficiency: N/A  
Efficacy: 42.9 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 0.83' x L: 1' x H: 0.1')  
IES Classification: Type III - Short - Non-Cutoff  
BUG Rating: B0 - U0 - G2

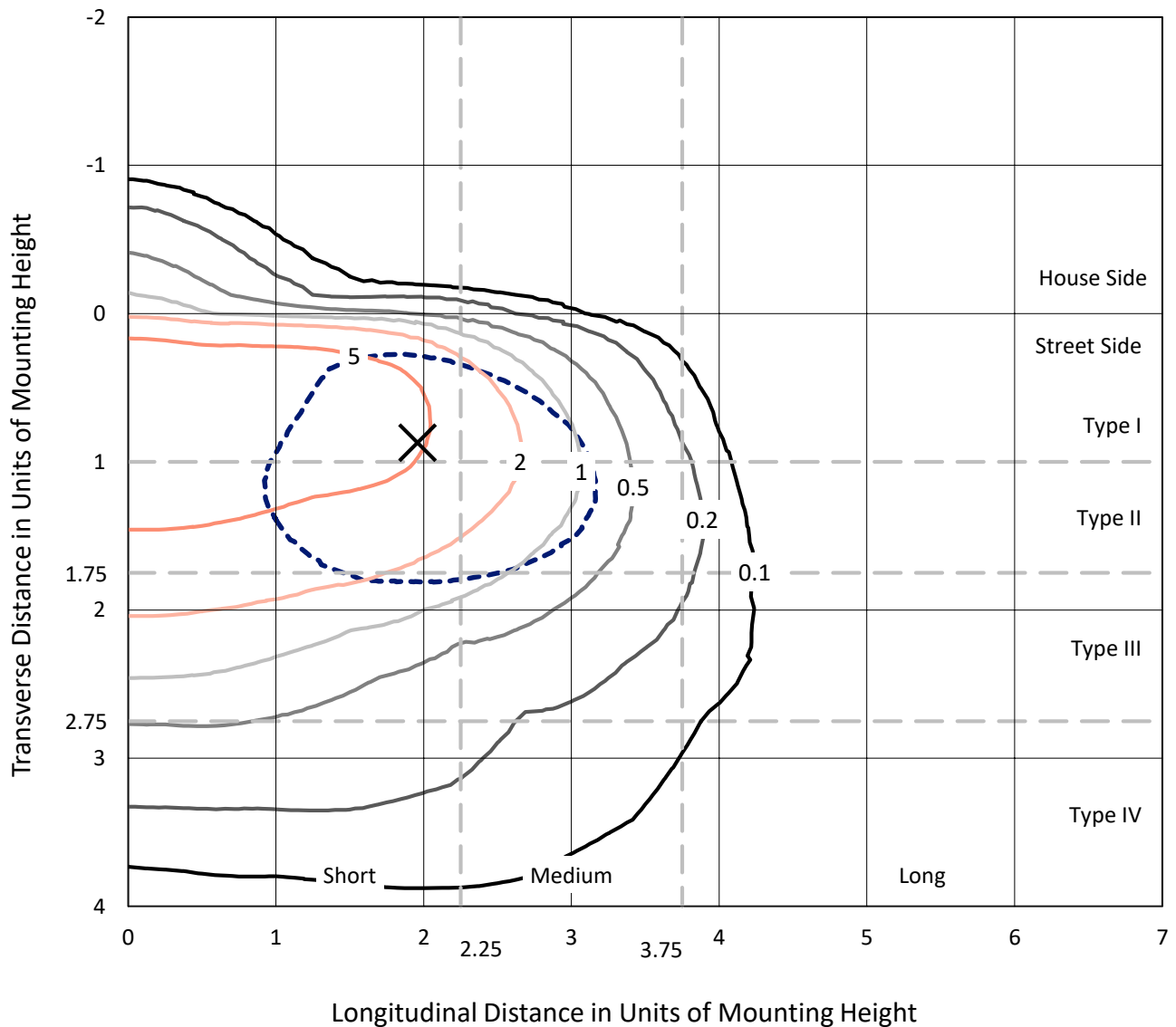
Input Watts (W): 133.3  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Iso-Footcandle Lines of Horizontal Illumination

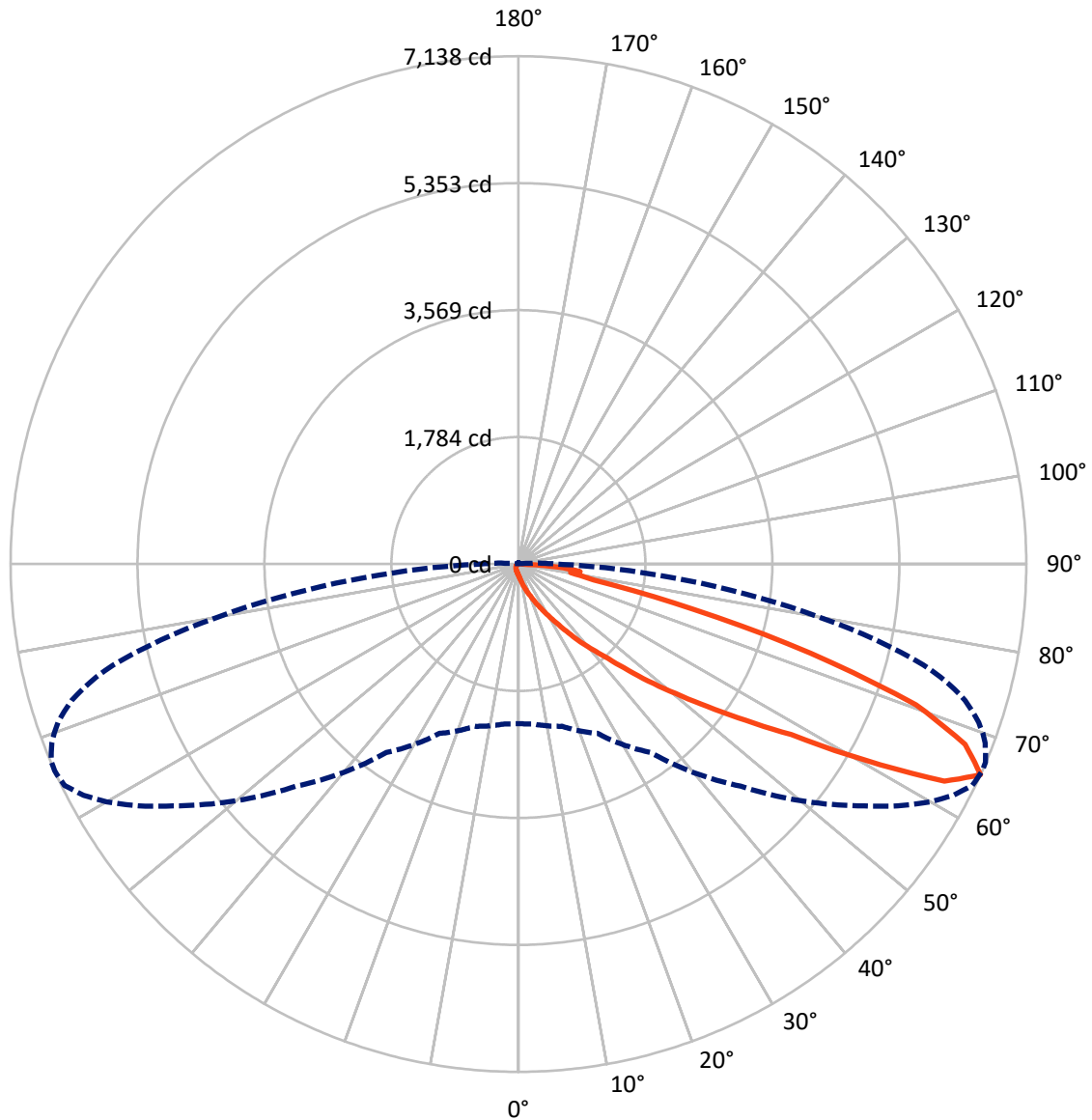
✕ Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 8.3 fc  
 Type III - Short - Non-Cutoff

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### Luminous Intensity Polar Plot



— Vertical Plane Through 66-Deg Lateral    - - - Horizontal Cone Through 65-Deg Vertical

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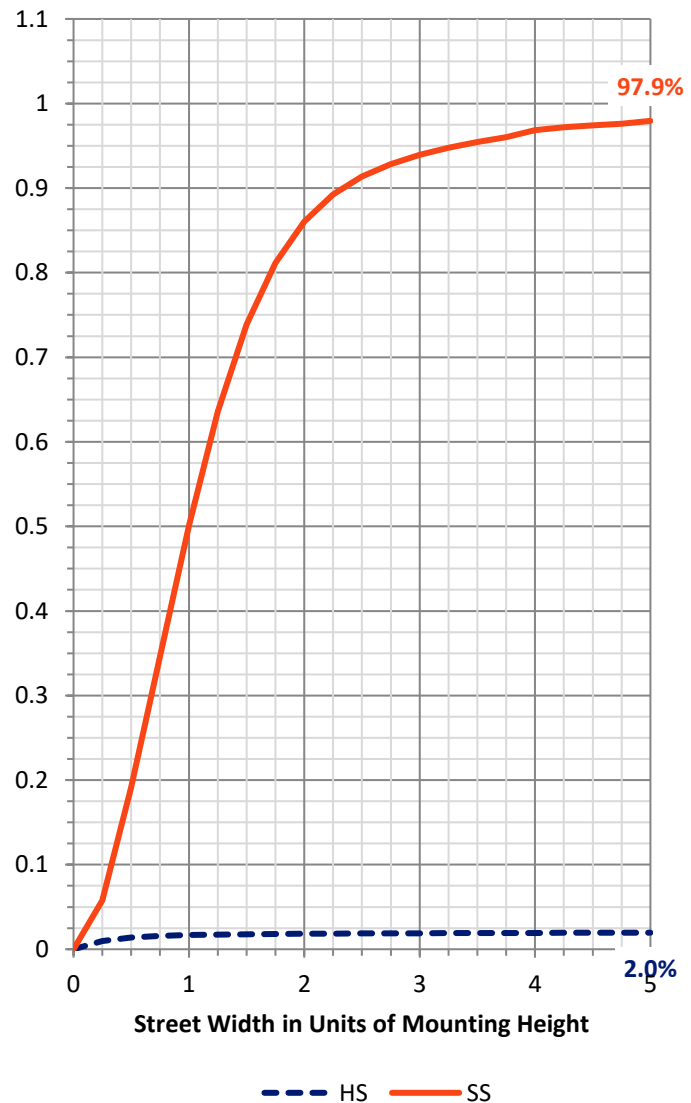
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	114.8	0.0	114.8
	% Fixture	2.0	0.0	2.0
<b>Street Side</b>	Lumens	5602.7	0.0	5602.7
	% Fixture	98.0	0.0	98.0
<b>Total</b>	Lumens	5717.5	0.0	5717.5
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	19.5	0.3
10°-20°	93.0	1.6
20°-30°	212.4	3.7
30°-40°	404.0	7.1
40°-50°	810.9	14.2
50°-60°	1434.9	25.1
60°-70°	1874.8	32.8
70°-80°	770.8	13.5
80°-90°	97.1	1.7
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°	5717.5	100.0
0°-180°	5717.5	100.0



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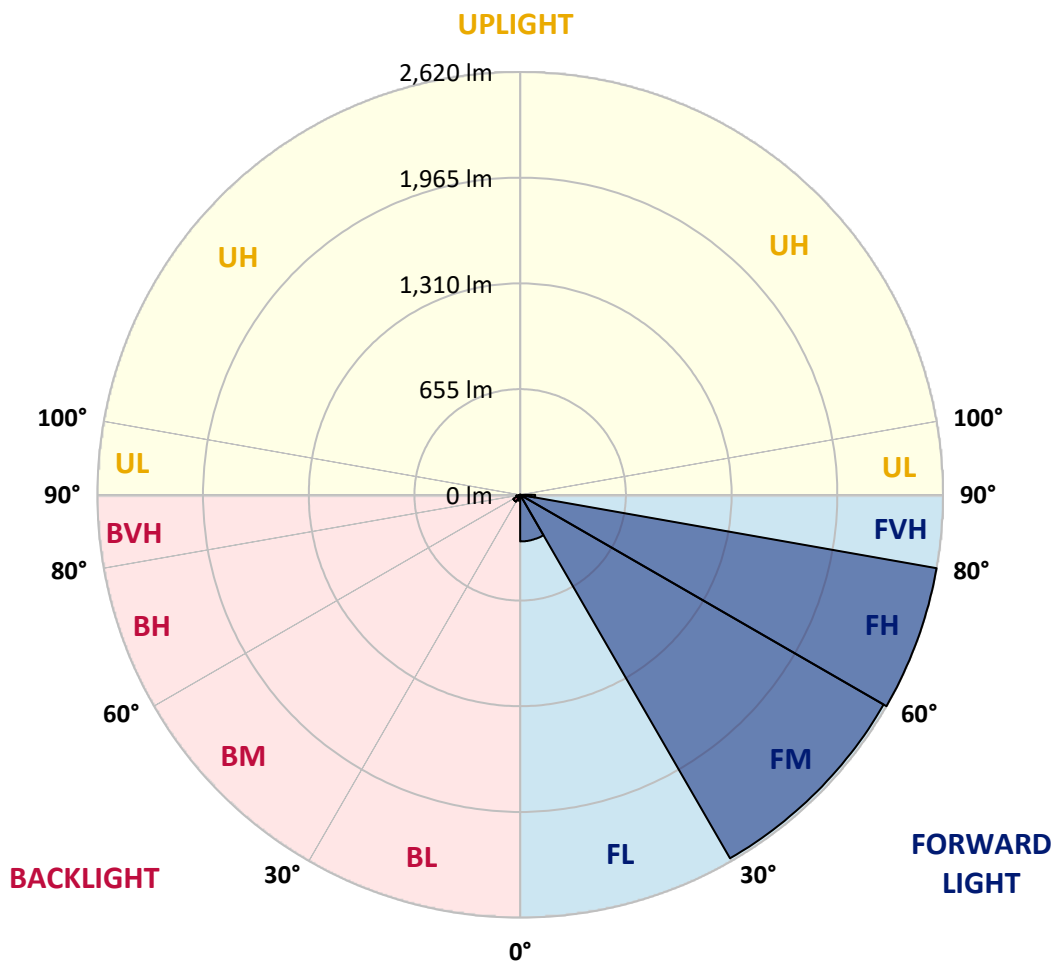
CATALOG NUMBER: ICM-F05-LED-E1-T3-HSS-7030

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	288.9	5.1			
FM	(30°-60°)	2600.7	45.5			
FH	(60°-80°)	2620.3	45.8			G2/5000
FVH	(80°-90°)	92.8	1.6			G1/100
BL	(0°-30°)	35.9	0.6	B0/110		
BM	(30°-60°)	49.1	0.9	B0/220		
BH	(60°-80°)	25.4	0.4	B0/110		G0/110
BVH	(80°-90°)	4.4	0.1			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B0-U0-G2**

Type III Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	56°	57°	58°	59°
0°	159.0	159.0	159.0	159.0	159.0	159.0	159.0	159.0	159.0	159.0	159.0
2.5°	210.4	206.9	208.1	201.0	196.4	190.5	185.9	184.7	183.5	181.2	182.3
5°	302.8	299.3	291.1	277.0	264.2	244.3	224.5	223.3	219.8	216.3	214.0
7.5°	420.8	415.0	405.7	382.2	350.7	315.6	275.9	272.4	267.7	263.0	258.3
10°	557.6	554.1	536.6	509.7	461.8	404.5	337.9	334.3	323.8	318.0	313.3
12.5°	701.4	686.2	679.2	632.5	577.5	499.2	413.9	400.9	392.7	384.6	372.9
15°	810.1	812.5	796.1	758.7	694.4	603.2	496.8	482.8	471.1	455.9	441.9
17.5°	908.3	903.6	886.1	862.7	802.0	709.6	585.7	567.0	548.3	540.1	520.2
20°	987.8	985.5	971.4	949.2	902.4	813.6	679.2	664.0	643.0	628.9	606.7
22.5°	1050.9	1050.9	1042.7	1029.9	984.3	912.9	778.5	762.1	741.1	723.6	699.1
25°	1101.2	1100.0	1101.2	1095.4	1064.9	999.4	880.3	861.6	844.0	823.0	799.6
27.5°	1158.4	1160.8	1158.4	1155.0	1142.1	1089.5	983.1	970.2	950.4	928.2	904.8
30°	1247.4	1240.3	1239.2	1236.8	1221.6	1188.8	1089.5	1074.3	1059.1	1043.9	1027.5
32.5°	1340.8	1329.1	1325.6	1325.6	1315.1	1285.9	1212.3	1204.1	1181.9	1170.1	1156.1
35°	1447.2	1442.5	1437.9	1439.0	1434.3	1403.9	1343.2	1345.5	1338.5	1315.1	1301.1
37.5°	1602.7	1603.8	1595.6	1580.5	1580.5	1553.6	1518.5	1513.9	1496.3	1490.4	1482.2
40°	1824.8	1819.0	1811.9	1789.7	1781.5	1735.9	1703.2	1691.5	1677.5	1676.3	1667.0
42.5°	2082.0	2075.0	2075.0	2058.6	2042.2	1987.3	1925.3	1917.1	1902.0	1906.6	1903.1
45°	2320.5	2326.2	2334.4	2346.2	2348.5	2325.1	2235.1	2224.6	2216.4	2211.7	2208.2
47.5°	2526.2	2536.7	2563.6	2613.9	2678.2	2686.3	2615.0	2587.0	2581.1	2572.9	2566.0
50°	2673.5	2688.7	2749.5	2847.6	2972.8	3049.9	3011.3	2987.9	2986.8	2964.6	2962.3
52.5°	2757.7	2774.0	2873.4	3021.9	3215.9	3366.7	3414.6	3413.4	3411.1	3391.3	3383.1
55°	2776.4	2793.9	2913.1	3115.4	3392.4	3653.0	3836.6	3841.3	3851.8	3846.0	3846.0
57.5°	2724.9	2747.1	2876.9	3127.1	3484.8	3879.8	4280.9	4307.7	4320.6	4366.2	4418.8
60°	2630.2	2646.6	2776.4	3055.7	3501.1	4086.8	4858.4	4943.7	5010.3	5100.3	5185.6
62.5°	2454.9	2487.6	2611.6	2915.5	3452.0	4325.2	5548.0	5705.8	5835.6	5972.4	6137.2
65°	2242.2	2256.1	2361.3	2626.7	3232.3	4416.4	5929.2	6083.4	6249.4	6395.6	6542.8
67.5°	1975.5	1987.3	2078.4	2191.8	2667.6	3989.8	5553.9	5724.5	5874.2	5994.5	6187.5
70°	1294.1	1319.8	1543.1	1655.3	1864.6	2949.3	4541.5	4706.4	4820.9	4902.7	5126.0
72.5°	948.0	964.4	1054.4	1285.9	1337.3	1743.0	3196.0	3374.9	3417.0	3571.3	3675.3
75°	578.6	619.5	823.0	1101.2	1303.4	1193.5	1914.8	2001.3	2098.3	2210.5	2310.0
77.5°	116.9	133.3	268.8	758.7	1146.8	1275.4	1143.3	1159.6	1207.5	1218.1	1255.4
80°	18.7	19.9	35.1	327.4	664.0	1031.1	1143.3	1128.1	1101.2	1082.5	1063.8
82.5°	8.2	9.4	15.2	83.0	141.5	343.7	988.9	1066.1	1155.0	1204.1	1216.9
85°	3.5	3.5	5.9	16.4	21.0	23.3	167.2	220.9	394.0	523.7	603.2
87.5°	2.3	2.3	3.5	3.5	4.7	5.9	8.2	8.2	9.4	10.5	15.2
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):**

	60°	61°	62°	64°	65°	66°	67°	68°	69°	70°	71°
0°	159.0	159.0	159.0	159.0	159.0	159.0	159.0	159.0	159.0	159.0	159.0
2.5°	182.3	181.2	181.2	177.7	177.7	176.6	176.6	175.3	175.3	173.0	174.1
5°	212.7	210.4	208.1	204.6	203.4	201.0	198.7	195.3	194.0	191.7	190.5
7.5°	253.7	251.4	246.7	239.6	235.0	230.3	225.6	220.9	217.4	214.0	211.6
10°	303.9	296.9	294.6	280.6	274.7	265.4	259.5	254.9	247.8	242.0	238.5
12.5°	364.7	358.9	347.2	328.5	319.2	311.0	300.5	291.1	284.1	273.6	266.5
15°	427.8	423.2	406.8	385.8	374.0	358.9	348.4	339.0	323.8	316.8	303.9
17.5°	507.4	493.3	476.9	446.5	431.4	418.5	399.8	385.8	376.4	355.4	343.7
20°	589.2	574.0	552.9	519.1	498.0	478.1	462.9	444.2	424.4	410.3	390.4
22.5°	682.7	658.1	641.8	599.7	575.2	554.1	528.4	508.5	488.7	466.4	444.2
25°	782.1	757.5	737.6	689.7	664.0	643.0	612.6	584.5	559.9	535.4	509.7
27.5°	886.1	863.9	841.7	792.6	770.3	741.1	713.1	680.4	648.7	626.6	591.5
30°	1006.5	987.8	963.3	910.6	886.1	855.7	826.5	787.9	757.5	727.1	693.2
32.5°	1136.3	1121.0	1095.4	1048.6	1019.4	993.7	962.1	924.7	881.4	849.9	810.1
35°	1294.1	1268.4	1253.1	1208.8	1186.5	1158.4	1125.8	1093.0	1047.4	1003.0	969.1
37.5°	1474.1	1462.4	1442.5	1400.5	1384.1	1354.9	1333.8	1301.1	1266.1	1209.9	1173.7
40°	1658.8	1650.6	1633.0	1591.0	1574.6	1554.8	1530.2	1498.6	1456.6	1427.4	1373.6
42.5°	1893.8	1880.9	1866.9	1827.2	1795.5	1771.0	1760.5	1733.6	1689.2	1651.8	1609.7
45°	2191.8	2186.0	2167.3	2127.5	2096.0	2079.6	2063.3	2017.7	1988.5	1951.1	1921.8
47.5°	2551.9	2533.2	2523.8	2479.5	2468.9	2456.0	2414.0	2388.2	2346.2	2316.9	2280.7
50°	2941.1	2921.3	2922.4	2868.7	2871.0	2861.7	2830.2	2799.7	2763.5	2737.8	2715.6
52.5°	3359.6	3369.0	3345.6	3362.0	3343.3	3322.3	3316.4	3279.0	3247.5	3246.3	3215.9
55°	3874.1	3858.8	3864.7	3881.0	3855.4	3878.7	3867.0	3819.1	3820.3	3829.6	3794.5
57.5°	4427.0	4449.1	4497.1	4507.7	4552.0	4521.6	4601.1	4543.8	4578.9	4578.9	4555.6
60°	5238.3	5327.1	5442.8	5532.9	5615.8	5589.0	5693.0	5627.5	5674.3	5634.5	5614.6
62.5°	6215.5	6333.6	6470.4	6616.5	6700.7	6721.7	6706.5	6735.8	6690.1	6660.9	6584.9
65°	6685.4	6802.4	6921.6	7097.0	7120.3	7137.8	7130.8	7081.7	7025.6	6942.6	6843.3
67.5°	6295.0	6458.6	6525.3	6727.6	6795.3	6770.8	6778.9	6715.9	6628.1	6546.4	6400.2
70°	5219.6	5406.5	5441.6	5731.6	5812.2	5929.2	5887.0	5868.3	5772.5	5703.5	5542.2
72.5°	3800.4	3946.5	3934.8	4261.0	4246.9	4294.9	4408.2	4403.6	4303.0	4280.9	4145.2
75°	2339.2	2426.8	2422.2	2653.6	2556.6	2542.5	2574.2	2560.1	2465.4	2367.2	2283.0
77.5°	1239.2	1278.9	1236.8	1167.8	1160.8	1082.5	1060.3	1059.1	986.6	897.8	832.3
80°	1043.9	1003.0	953.9	853.4	794.9	742.3	693.2	647.6	598.5	533.0	453.6
82.5°	1219.3	1199.4	1164.3	1038.1	977.3	872.1	793.8	720.1	630.1	562.3	460.6
85°	593.9	592.7	620.7	607.9	585.7	581.0	503.8	487.4	451.3	413.9	346.0
87.5°	16.4	11.7	14.0	11.7	14.0	15.2	10.5	24.6	15.2	14.0	16.4
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):**

	72°	73°	74°	75°	76°	77°	78°	79°	80°	81°	82°
0°	159.0	159.0	159.0	159.0	159.0	159.0	159.0	159.0	159.0	159.0	159.0
2.5°	173.0	171.8	170.7	170.7	169.5	169.5	168.4	167.2	167.2	166.0	166.0
5°	188.2	185.9	184.7	183.5	181.2	180.0	177.7	176.6	174.1	173.0	170.7
7.5°	206.9	204.6	199.9	197.6	194.0	192.8	187.1	184.7	182.3	180.0	176.6
10°	230.3	224.5	219.8	215.1	209.2	204.6	199.9	196.4	191.7	185.9	183.5
12.5°	259.5	251.4	244.3	236.1	229.1	222.1	214.0	208.1	201.0	195.3	189.4
15°	292.3	280.6	271.2	259.5	247.8	239.6	231.4	223.3	214.0	205.8	198.7
17.5°	329.7	314.4	301.6	287.5	274.7	263.0	249.0	238.5	227.9	216.3	206.9
20°	369.4	354.2	336.7	321.5	302.8	290.0	272.4	258.3	243.2	231.4	218.6
22.5°	422.0	402.1	379.9	358.9	339.0	319.2	300.5	282.9	264.2	246.7	233.8
25°	484.0	459.4	431.4	410.3	382.2	360.0	336.7	314.4	294.6	272.4	251.4
27.5°	561.1	528.4	498.0	468.7	438.3	410.3	379.9	354.2	327.4	301.6	278.2
30°	651.2	619.5	574.0	541.2	510.9	472.3	441.9	408.0	377.6	340.2	314.4
32.5°	770.3	729.5	681.5	638.2	598.5	555.3	513.2	470.0	430.1	396.3	357.7
35°	925.9	877.9	820.7	765.7	721.3	668.7	614.9	565.8	520.2	471.1	423.2
37.5°	1122.2	1077.8	1015.8	949.2	889.6	826.5	770.3	701.4	640.6	581.0	520.2
40°	1317.5	1276.6	1212.3	1140.9	1063.8	991.3	920.0	841.7	764.6	689.7	626.6
42.5°	1558.2	1497.5	1428.5	1347.8	1273.0	1186.5	1097.7	1007.6	915.4	825.3	735.3
45°	1861.0	1814.2	1717.2	1630.7	1541.9	1440.2	1330.3	1227.4	1109.4	1003.0	883.7
47.5°	2229.2	2145.1	2073.8	1994.3	1883.3	1785.0	1644.8	1523.2	1375.9	1234.4	1091.8
50°	2664.1	2617.4	2522.7	2423.3	2302.9	2186.0	2049.2	1873.9	1697.4	1546.6	1351.4
52.5°	3172.7	3106.0	3046.3	2943.6	2820.8	2671.2	2515.6	2325.1	2108.9	1896.1	1688.0
55°	3775.8	3729.0	3671.8	3590.0	3433.3	3263.8	3076.8	2848.9	2592.9	2306.4	2064.5
57.5°	4554.4	4505.3	4450.4	4282.0	4175.7	3967.6	3696.3	3460.2	3184.3	2817.2	2516.9
60°	5617.0	5550.4	5473.2	5336.4	5114.4	4844.3	4553.2	4203.7	3865.9	3464.9	3070.9
62.5°	6525.3	6418.9	6254.1	6077.6	5811.0	5501.2	5135.4	4723.8	4339.3	3888.0	3449.7
65°	6712.3	6566.2	6372.1	6141.9	5867.2	5517.6	5135.4	4741.4	4289.0	3864.7	3423.9
67.5°	6226.0	6056.5	5857.8	5600.6	5338.7	4978.7	4649.1	4248.1	3822.6	3455.6	3061.6
70°	5426.5	5175.1	4971.8	4698.2	4432.8	4149.9	3802.7	3502.3	3156.3	2818.4	2516.9
72.5°	4075.1	3827.3	3642.5	3423.9	3266.2	2966.9	2712.0	2487.6	2283.0	2030.5	1807.3
75°	2196.6	2010.6	1886.7	1787.4	1646.0	1448.4	1326.8	1172.5	1086.0	980.8	879.1
77.5°	716.6	631.3	538.9	448.9	385.8	290.0	280.6	223.3	210.4	204.6	157.8
80°	367.1	282.9	204.6	147.3	112.2	99.3	94.7	90.0	85.3	81.9	76.0
82.5°	368.2	266.5	183.5	127.4	92.4	77.1	72.5	70.1	66.6	63.2	58.4
85°	268.8	198.7	136.7	93.5	64.3	51.4	49.1	45.6	43.3	42.0	37.4
87.5°	17.5	12.8	11.7	10.5	10.5	10.5	11.7	10.5	11.7	11.7	10.5
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):**

	83°	84°	85°	86°	87°	88°	89°	90°	95°	105°	115°
0°	159.0	159.0	159.0	159.0	159.0	159.0	159.0	159.0	159.0	159.0	159.0
2.5°	164.8	163.6	163.6	162.5	161.3	161.3	160.2	160.2	156.7	150.8	146.1
5°	169.5	167.2	166.0	164.8	163.6	161.3	160.2	159.0	153.1	141.5	132.1
7.5°	173.0	170.7	169.5	167.2	163.6	162.5	160.2	157.8	148.5	132.1	121.6
10°	178.9	175.3	171.8	168.4	164.8	162.5	159.0	156.7	142.6	123.9	113.4
12.5°	184.7	180.0	175.3	169.5	166.0	162.5	159.0	154.3	138.0	116.9	105.2
15°	191.7	184.7	178.9	173.0	167.2	162.5	156.7	153.1	133.3	111.1	100.6
17.5°	198.7	190.5	182.3	174.1	168.4	161.3	156.7	150.8	128.6	106.4	94.7
20°	206.9	195.3	187.1	177.7	169.5	161.3	154.3	148.5	123.9	100.6	88.8
22.5°	218.6	204.6	191.7	181.2	170.7	162.5	154.3	146.1	119.3	95.8	84.2
25°	233.8	216.3	201.0	188.2	175.3	164.8	155.4	147.3	115.7	92.4	78.3
27.5°	256.0	233.8	217.4	199.9	183.5	170.7	159.0	149.7	113.4	88.8	74.8
30°	282.9	260.7	235.0	214.0	196.4	178.9	166.0	152.0	111.1	85.3	70.1
32.5°	322.6	291.1	260.7	235.0	210.4	190.5	171.8	157.8	109.9	79.5	65.5
35°	379.9	336.7	300.5	266.5	232.7	208.1	185.9	167.2	108.7	74.8	60.7
37.5°	461.8	410.3	363.5	315.6	273.6	238.5	208.1	183.5	108.7	71.3	56.1
40°	549.4	482.8	423.2	363.5	309.8	265.4	224.5	194.0	106.4	66.6	51.4
42.5°	648.7	567.0	485.1	411.4	344.8	287.5	239.6	202.2	100.6	62.0	46.8
45°	782.1	674.5	576.3	481.6	395.1	320.3	259.5	211.6	94.7	58.4	42.0
47.5°	949.2	824.1	696.7	577.5	464.1	369.4	288.7	226.8	91.2	53.8	38.6
50°	1198.2	1020.6	852.2	700.2	556.5	432.6	332.0	249.0	87.6	50.2	35.1
52.5°	1471.7	1253.1	1055.6	860.4	681.5	517.9	382.2	278.2	84.2	46.8	31.5
55°	1804.9	1536.0	1295.3	1041.6	812.5	617.2	444.2	311.0	79.5	43.3	29.2
57.5°	2216.4	1876.2	1591.0	1281.2	993.7	745.8	527.3	365.9	74.8	38.6	25.7
60°	2675.8	2291.2	1932.4	1568.8	1220.4	916.5	650.0	444.2	70.1	33.9	22.2
62.5°	3006.6	2584.7	2174.3	1766.3	1384.1	1043.9	749.3	505.0	63.2	29.2	19.9
65°	3003.1	2575.3	2162.6	1760.5	1388.8	1048.6	752.8	516.7	56.1	25.7	17.5
67.5°	2675.8	2315.7	1947.5	1586.3	1261.3	953.9	696.7	479.3	47.9	23.3	15.2
70°	2201.2	1914.8	1623.7	1337.3	1076.7	817.1	602.1	417.3	40.9	21.0	12.8
72.5°	1607.4	1398.1	1220.4	1018.1	840.5	645.3	480.5	327.4	32.7	17.5	11.7
75°	798.4	714.2	612.6	549.4	468.7	383.4	298.0	190.5	26.9	14.0	10.5
77.5°	152.0	135.6	129.8	112.2	102.9	91.2	80.7	57.3	21.0	10.5	9.4
80°	70.1	64.3	58.4	52.6	46.8	39.7	35.1	30.4	16.4	8.2	10.5
82.5°	55.0	50.2	44.5	39.7	35.1	30.4	25.7	22.2	10.5	7.0	10.5
85°	36.3	31.5	28.1	24.6	21.0	18.7	16.4	14.0	7.0	7.0	7.0
87.5°	10.5	10.5	9.4	9.4	8.2	8.2	7.0	7.0	5.9	5.9	5.9
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):**

	125°	135°	145°	155°	165°	175°	180°
0°	159.0	159.0	159.0	159.0	159.0	159.0	159.0
2.5°	141.5	135.6	133.3	132.1	132.1	133.3	132.1
5°	125.1	119.3	116.9	114.6	114.6	114.6	115.7
7.5°	114.6	108.7	105.2	104.0	102.9	104.0	104.0
10°	105.2	100.6	95.8	93.5	93.5	93.5	93.5
12.5°	98.2	92.4	87.6	86.5	85.3	85.3	85.3
15°	92.4	85.3	81.9	79.5	78.3	78.3	79.5
17.5°	85.3	79.5	74.8	73.7	73.7	73.7	73.7
20°	80.7	73.7	70.1	67.8	67.8	67.8	67.8
22.5°	74.8	68.9	64.3	62.0	62.0	62.0	62.0
25°	70.1	64.3	59.6	57.3	57.3	57.3	57.3
27.5°	65.5	59.6	55.0	52.6	52.6	52.6	52.6
30°	60.7	55.0	50.2	47.9	47.9	47.9	47.9
32.5°	57.3	50.2	45.6	43.3	43.3	44.5	43.3
35°	51.4	45.6	40.9	38.6	38.6	38.6	38.6
37.5°	46.8	40.9	36.3	33.9	33.9	33.9	32.7
40°	43.3	36.3	31.5	29.2	28.1	28.1	28.1
42.5°	37.4	30.4	26.9	24.6	23.3	23.3	23.3
45°	33.9	26.9	22.2	19.9	19.9	19.9	19.9
47.5°	30.4	23.3	18.7	16.4	16.4	17.5	17.5
50°	26.9	19.9	15.2	15.2	15.2	16.4	16.4
52.5°	23.3	17.5	14.0	14.0	15.2	16.4	16.4
55°	21.0	15.2	12.8	14.0	15.2	16.4	16.4
57.5°	18.7	12.8	12.8	14.0	15.2	16.4	16.4
60°	16.4	11.7	11.7	12.8	15.2	16.4	16.4
62.5°	14.0	11.7	11.7	12.8	15.2	16.4	16.4
65°	12.8	11.7	11.7	12.8	15.2	16.4	16.4
67.5°	11.7	10.5	11.7	12.8	14.0	15.2	15.2
70°	10.5	10.5	11.7	12.8	14.0	15.2	15.2
72.5°	10.5	10.5	10.5	11.7	12.8	14.0	14.0
75°	10.5	10.5	10.5	11.7	12.8	14.0	14.0
77.5°	10.5	9.4	9.4	10.5	12.8	14.0	14.0
80°	10.5	9.4	9.4	10.5	11.7	14.0	14.0
82.5°	8.2	8.2	9.4	10.5	11.7	12.8	12.8
85°	7.0	8.2	8.2	9.4	10.5	12.8	12.8
87.5°	5.9	5.9	7.0	8.2	9.4	10.5	10.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)