

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: P181364

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

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181364
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
Description: ICON SITE MEDIUM LED LUMINAIRE
(5) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ HOUSE SIDE SHIELD
Light Source: (35) 4000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6259.9 lumens
Efficiency: N/A
Efficacy: 47.0 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

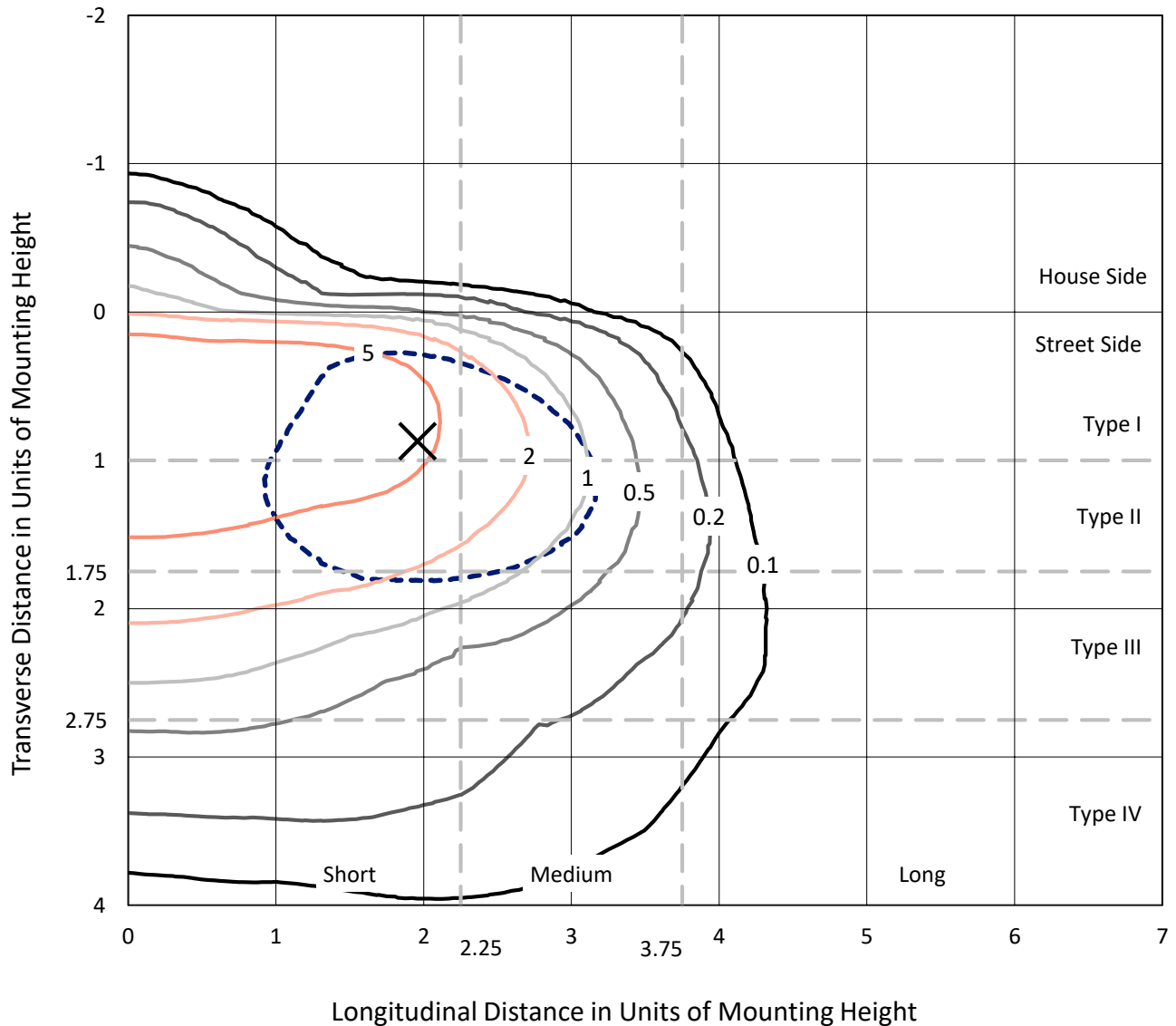


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

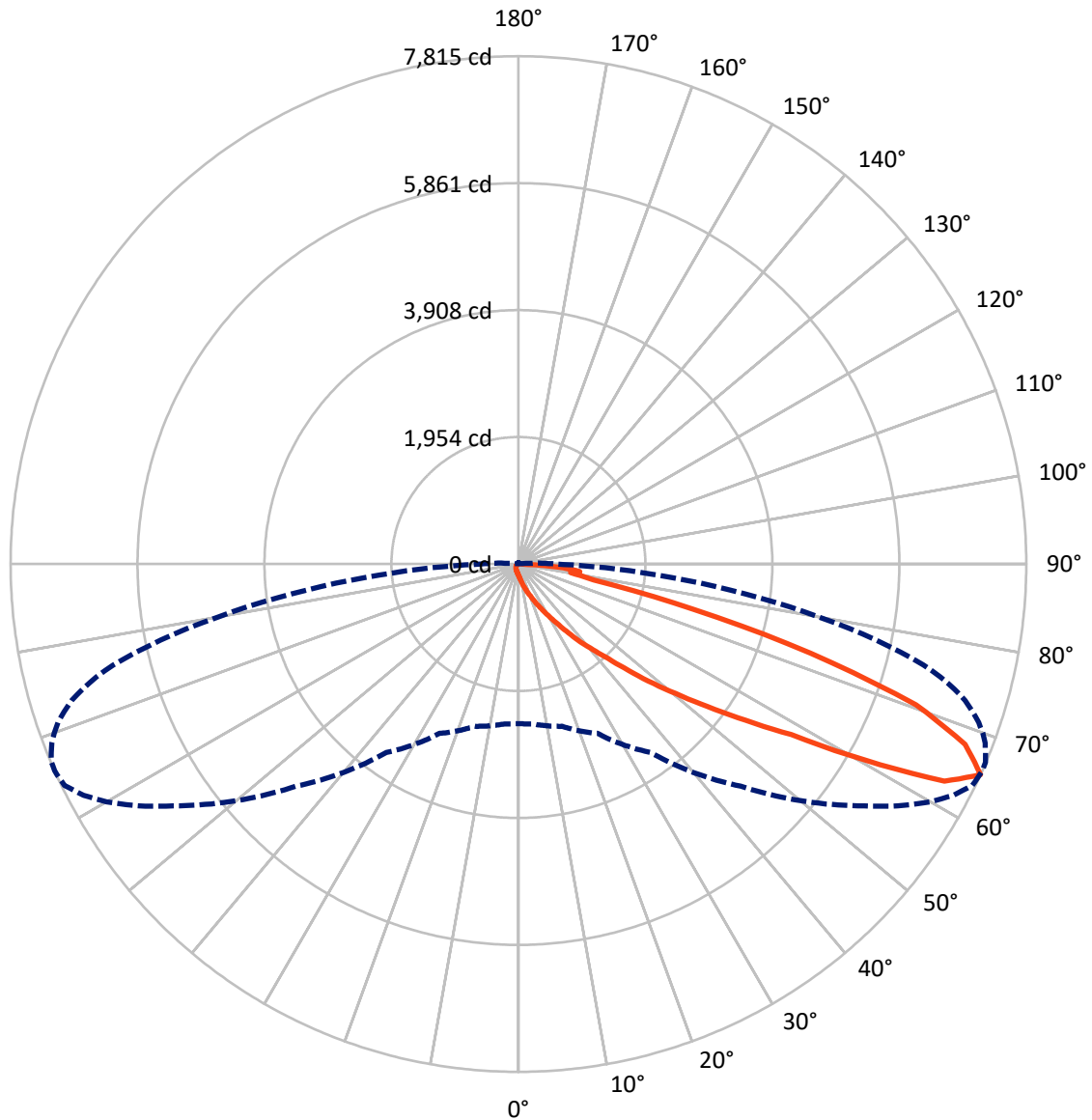


Based on 10 foot mounting height. Maximum calculated value = 9.1 fc
 Type III - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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

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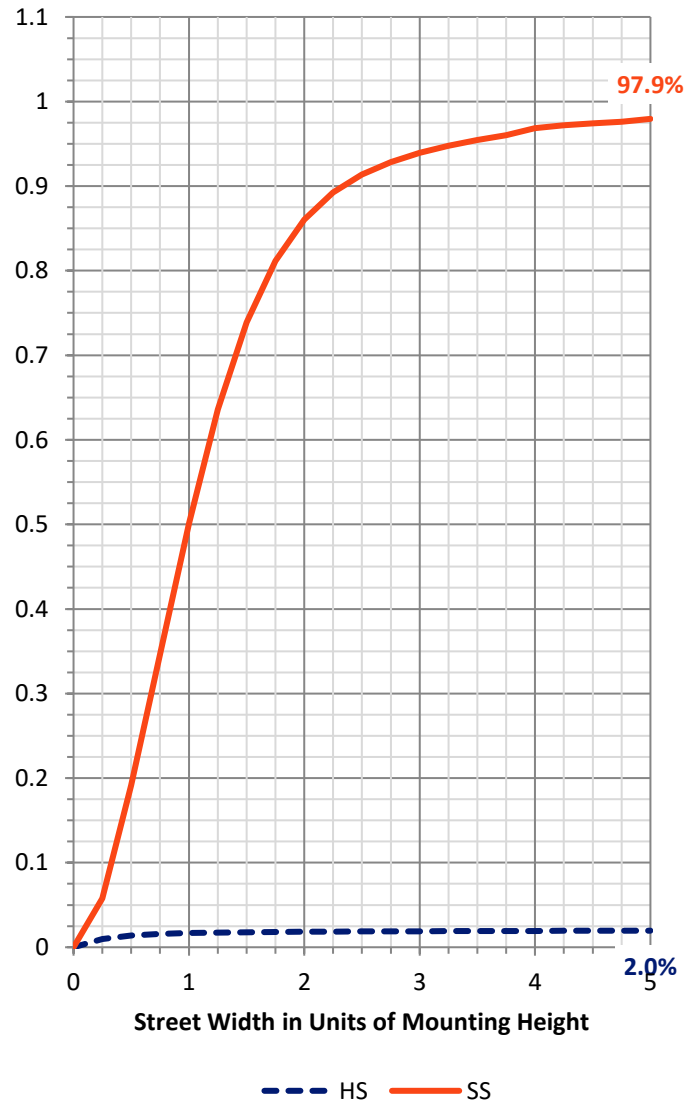
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	125.7	0.0	125.7
	% Fixture	2.0	0.0	2.0
Street Side	Lumens	6134.2	0.0	6134.2
	% Fixture	98.0	0.0	98.0
Total	Lumens	6259.9	0.0	6259.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	21.3	0.3
10°-20°	101.8	1.6
20°-30°	232.5	3.7
30°-40°	442.4	7.1
40°-50°	887.9	14.2
50°-60°	1571.0	25.1
60°-70°	2052.7	32.8
70°-80°	844.0	13.5
80°-90°	106.3	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°	6259.9	100.0
0°-180°	6259.9	100.0

Coefficient of Utilization



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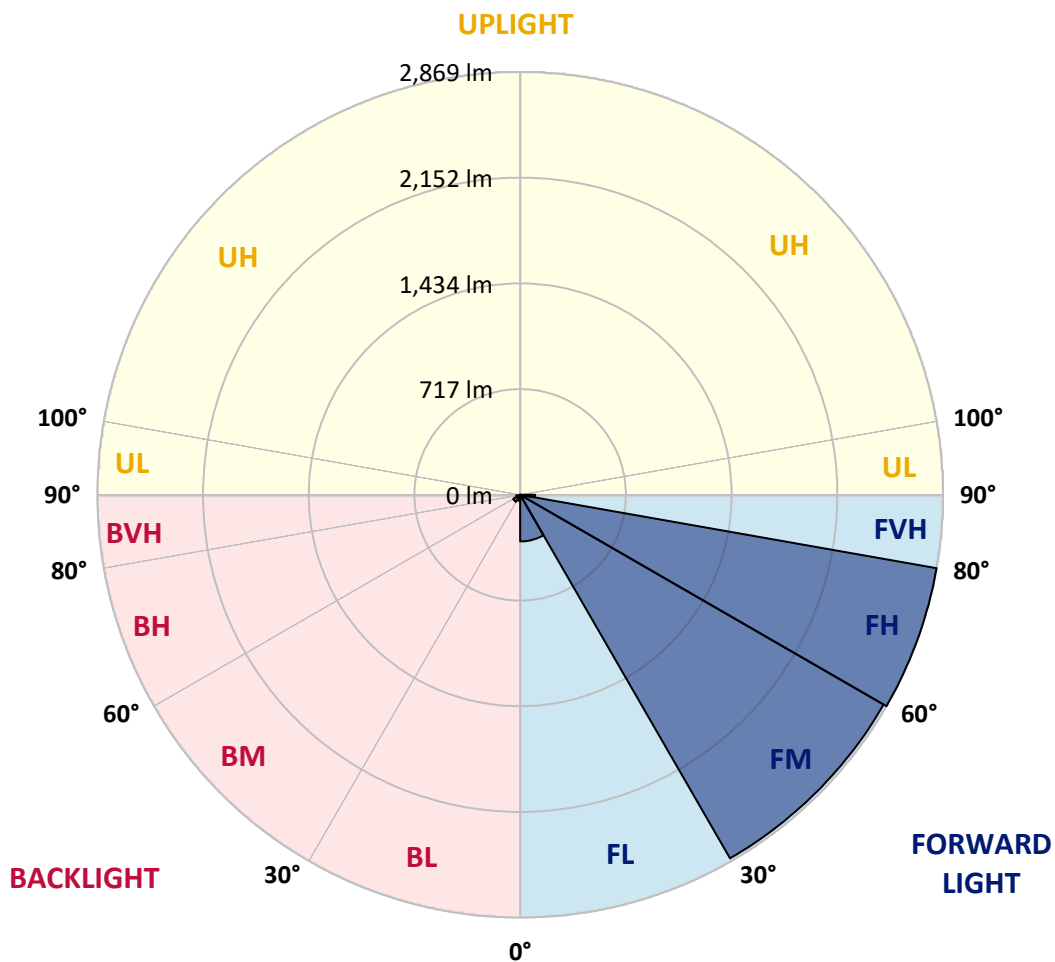
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	316.3	5.1			
FM	(30°-60°)	2847.5	45.5			
FH	(60°-80°)	2868.9	45.8			G2/5000
FVH	(80°-90°)	101.6	1.6			G2/225
BL	(0°-30°)	39.3	0.6	B0/110		
BM	(30°-60°)	53.8	0.9	B0/220		
BH	(60°-80°)	27.8	0.4	B0/110		G0/110
BVH	(80°-90°)	4.8	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°	174.0	174.0	174.0	174.0	174.0	174.0	174.0	174.0	174.0	174.0	174.0
2.5°	230.4	226.5	227.8	220.2	215.0	208.7	203.5	202.2	200.9	198.4	199.6
5°	331.5	327.6	318.7	303.4	289.2	267.5	245.8	244.5	240.7	236.7	234.2
7.5°	460.7	454.3	444.1	418.5	384.0	345.6	302.0	298.2	293.1	288.0	282.9
10°	610.5	606.7	587.4	558.0	505.6	442.9	369.9	366.0	354.5	348.1	343.0
12.5°	767.9	751.3	743.6	692.4	632.3	546.5	453.1	439.0	430.0	421.1	408.3
15°	887.0	889.5	871.6	830.6	760.3	660.5	543.9	528.6	515.8	499.2	483.8
17.5°	994.5	989.4	970.1	944.6	878.1	776.9	641.2	620.7	600.3	591.4	569.6
20°	1081.5	1079.0	1063.6	1039.3	988.1	890.8	743.6	727.0	703.9	688.6	664.3
22.5°	1150.6	1150.6	1141.7	1127.5	1077.7	999.6	852.4	834.5	811.4	792.3	765.4
25°	1205.7	1204.4	1205.7	1199.3	1166.0	1094.3	963.7	943.3	924.1	901.0	875.4
27.5°	1268.4	1270.9	1268.4	1264.6	1250.4	1192.8	1076.4	1062.3	1040.6	1016.2	990.6
30°	1365.7	1358.0	1356.7	1354.1	1337.5	1301.7	1192.8	1176.2	1159.5	1143.0	1125.0
32.5°	1468.0	1455.3	1451.4	1451.4	1439.9	1407.9	1327.3	1318.3	1294.0	1281.2	1265.8
35°	1584.5	1579.4	1574.2	1575.5	1570.4	1537.1	1470.6	1473.1	1465.5	1439.9	1424.5
37.5°	1754.7	1756.0	1747.1	1730.4	1730.4	1700.9	1662.6	1657.5	1638.2	1631.8	1622.9
40°	1997.9	1991.5	1983.8	1959.5	1950.5	1900.7	1864.8	1852.0	1836.7	1835.4	1825.1
42.5°	2279.5	2271.8	2271.8	2253.9	2236.0	2175.8	2108.0	2099.0	2082.3	2087.5	2083.6
45°	2540.6	2547.0	2555.9	2568.8	2571.3	2545.7	2447.2	2435.6	2426.7	2421.6	2417.7
47.5°	2765.9	2777.3	2806.8	2861.9	2932.2	2941.2	2863.1	2832.4	2826.0	2817.0	2809.3
50°	2927.1	2943.7	3010.3	3117.8	3254.7	3339.3	3297.0	3271.4	3270.2	3245.8	3243.3
52.5°	3019.3	3037.2	3146.0	3308.5	3521.0	3686.1	3738.5	3737.3	3734.7	3713.0	3704.0
55°	3039.7	3058.9	3189.5	3410.9	3714.3	3999.7	4200.6	4205.7	4217.2	4210.8	4210.8
57.5°	2983.5	3007.7	3149.8	3423.7	3815.4	4247.9	4687.0	4716.4	4730.4	4780.4	4838.0
60°	2879.7	2897.7	3039.7	3345.6	3833.2	4474.5	5319.2	5412.7	5485.6	5584.1	5677.6
62.5°	2687.7	2723.6	2859.3	3192.0	3779.6	4735.6	6074.4	6247.1	6389.2	6538.9	6719.4
65°	2454.8	2470.2	2585.4	2875.9	3538.9	4835.5	6491.6	6660.6	6842.3	7002.3	7163.6
67.5°	2163.0	2175.8	2275.6	2399.8	2920.7	4368.3	6080.8	6267.7	6431.5	6563.3	6774.5
70°	1416.8	1445.0	1689.5	1812.3	2041.4	3229.1	4972.4	5152.9	5278.3	5367.8	5612.3
72.5°	1038.0	1055.9	1154.4	1407.9	1464.2	1908.3	3499.2	3695.1	3741.1	3910.1	4024.0
75°	633.6	678.3	901.0	1205.7	1427.1	1306.8	2096.5	2191.2	2297.4	2420.3	2529.0
77.5°	128.0	145.9	294.4	830.6	1255.5	1396.4	1251.7	1269.7	1322.1	1333.7	1374.6
80°	20.5	21.8	38.4	358.3	727.0	1128.8	1251.7	1235.1	1205.7	1185.2	1164.7
82.5°	8.9	10.2	16.7	90.9	154.9	376.3	1082.8	1167.3	1264.6	1318.3	1332.4
85°	3.8	3.8	6.4	18.0	23.1	25.6	183.1	241.9	431.4	573.4	660.5
87.5°	2.6	2.6	3.8	3.8	5.1	6.4	8.9	8.9	10.2	11.5	16.7
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):

	60°	61°	62°	64°	65°	66°	67°	68°	69°	70°	71°
0°	174.0	174.0	174.0	174.0	174.0	174.0	174.0	174.0	174.0	174.0	174.0
2.5°	199.6	198.4	198.4	194.5	194.5	193.3	193.3	192.0	192.0	189.4	190.7
5°	232.9	230.4	227.8	224.0	222.7	220.2	217.6	213.8	212.5	209.9	208.7
7.5°	277.8	275.2	270.0	262.4	257.3	252.1	247.0	241.9	238.0	234.2	231.6
10°	332.7	325.1	322.5	307.2	300.7	290.5	284.1	279.0	271.4	264.9	261.1
12.5°	399.4	392.9	380.1	359.6	349.4	340.5	328.9	318.7	311.0	299.5	291.8
15°	468.5	463.4	445.4	422.3	409.6	392.9	381.4	371.2	354.5	346.9	332.7
17.5°	555.4	540.1	522.2	488.9	472.3	458.2	437.7	422.3	412.1	389.1	376.3
20°	645.0	628.5	605.4	568.3	545.2	523.4	506.8	486.3	464.6	449.2	427.4
22.5°	747.4	720.6	702.7	656.6	629.7	606.7	578.5	556.7	535.0	510.7	486.3
25°	856.3	829.4	807.6	755.2	727.0	703.9	670.7	639.9	613.0	586.2	558.0
27.5°	970.1	945.9	921.5	867.7	843.4	811.4	780.7	744.9	710.3	686.1	647.6
30°	1102.0	1081.5	1054.6	997.0	970.1	936.8	904.8	862.6	829.4	796.1	759.0
32.5°	1244.1	1227.4	1199.3	1148.1	1116.1	1087.9	1053.3	1012.4	965.0	930.5	887.0
35°	1416.8	1388.7	1372.0	1323.4	1299.1	1268.4	1232.6	1196.7	1146.8	1098.1	1061.0
37.5°	1614.0	1601.1	1579.4	1533.3	1515.4	1483.4	1460.4	1424.5	1386.1	1324.7	1285.0
40°	1816.2	1807.2	1788.0	1742.0	1724.0	1702.2	1675.4	1640.8	1594.7	1562.7	1503.9
42.5°	2073.4	2059.4	2044.0	2000.5	1965.9	1939.1	1927.5	1898.1	1849.4	1808.5	1762.4
45°	2399.8	2393.4	2372.9	2329.4	2294.8	2276.9	2259.0	2209.1	2177.1	2136.1	2104.1
47.5°	2794.0	2773.5	2763.3	2714.6	2703.1	2689.0	2643.0	2614.8	2568.8	2536.8	2497.0
50°	3220.2	3198.4	3199.7	3140.9	3143.4	3133.1	3098.6	3065.3	3025.7	2997.5	2973.2
52.5°	3678.4	3688.7	3663.1	3681.0	3660.5	3637.4	3631.1	3590.1	3555.6	3554.3	3521.0
55°	4241.5	4225.0	4231.3	4249.2	4221.0	4246.7	4233.9	4181.4	4182.7	4193.0	4154.5
57.5°	4846.9	4871.3	4923.8	4935.3	4983.9	4950.6	5037.6	4974.9	5013.3	5013.3	4987.8
60°	5735.2	5832.5	5959.2	6057.7	6148.6	6119.2	6233.1	6161.4	6212.6	6169.1	6147.3
62.5°	6805.2	6934.5	7084.2	7244.2	7336.3	7359.4	7342.7	7374.7	7324.8	7292.8	7209.6
65°	7319.7	7447.7	7578.3	7770.2	7795.9	7815.0	7807.3	7753.5	7692.1	7601.3	7492.5
67.5°	6892.2	7071.4	7144.3	7365.8	7440.0	7413.2	7422.1	7353.0	7257.0	7167.4	7007.4
70°	5714.7	5919.5	5957.9	6275.3	6363.6	6491.6	6445.5	6425.1	6320.1	6244.6	6067.9
72.5°	4161.0	4321.0	4308.1	4665.2	4649.9	4702.4	4826.4	4821.3	4711.3	4687.0	4538.5
75°	2561.0	2657.0	2651.9	2905.3	2799.1	2783.7	2818.3	2803.0	2699.3	2591.7	2499.6
77.5°	1356.7	1400.2	1354.1	1278.6	1270.9	1185.2	1160.8	1159.5	1080.2	983.0	911.3
80°	1143.0	1098.1	1044.4	934.3	870.3	812.7	759.0	709.0	655.3	583.6	496.6
82.5°	1334.9	1313.1	1274.8	1136.6	1070.0	954.8	869.0	788.4	689.9	615.6	504.3
85°	650.1	648.9	679.6	665.6	641.2	636.1	551.6	533.7	494.0	453.1	378.9
87.5°	18.0	12.8	15.3	12.8	15.3	16.7	11.5	26.9	16.7	15.3	18.0
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°	174.0	174.0	174.0	174.0	174.0	174.0	174.0	174.0	174.0	174.0	174.0
2.5°	189.4	188.2	186.9	186.9	185.6	185.6	184.3	183.1	183.1	181.8	181.8
5°	206.0	203.5	202.2	200.9	198.4	197.1	194.5	193.3	190.7	189.4	186.9
7.5°	226.5	224.0	218.9	216.3	212.5	211.2	204.7	202.2	199.6	197.1	193.3
10°	252.1	245.8	240.7	235.5	229.1	224.0	218.9	215.0	209.9	203.5	200.9
12.5°	284.1	275.2	267.5	258.5	250.9	243.2	234.2	227.8	220.2	213.8	207.4
15°	320.0	307.2	296.9	284.1	271.4	262.4	253.4	244.5	234.2	225.3	217.6
17.5°	360.9	344.3	330.2	314.9	300.7	288.0	272.7	261.1	249.6	236.7	226.5
20°	404.5	387.8	368.7	352.0	331.5	317.4	298.2	282.9	266.2	253.4	239.4
22.5°	462.0	440.3	416.0	392.9	371.2	349.4	328.9	309.8	289.2	270.0	256.0
25°	529.9	503.0	472.3	449.2	418.5	394.2	368.7	344.3	322.5	298.2	275.2
27.5°	614.3	578.5	545.2	513.2	480.0	449.2	416.0	387.8	358.3	330.2	304.7
30°	712.9	678.3	628.5	592.6	559.4	517.1	483.8	446.7	413.4	372.5	344.3
32.5°	843.4	798.6	746.1	698.8	655.3	607.9	561.9	514.5	471.0	433.9	391.6
35°	1013.7	961.2	898.5	838.3	789.7	732.1	673.2	619.4	569.6	515.8	463.4
37.5°	1228.7	1180.1	1112.2	1039.3	974.0	904.8	843.4	767.9	701.4	636.1	569.6
40°	1442.4	1397.7	1327.3	1249.2	1164.7	1085.3	1007.3	921.5	837.0	755.2	686.1
42.5°	1706.1	1639.5	1564.0	1475.7	1393.8	1299.1	1201.8	1103.3	1002.1	903.6	805.0
45°	2037.6	1986.4	1880.2	1785.4	1688.2	1576.8	1456.5	1343.9	1214.6	1098.1	967.6
47.5°	2440.8	2348.6	2270.5	2183.5	2061.9	1954.4	1800.8	1667.7	1506.4	1351.5	1195.4
50°	2916.9	2865.7	2762.0	2653.2	2521.4	2393.4	2243.6	2051.6	1858.4	1693.3	1479.5
52.5°	3473.6	3400.7	3335.4	3222.8	3088.4	2924.6	2754.3	2545.7	2308.9	2076.0	1848.2
55°	4134.1	4082.8	4020.1	3930.5	3759.0	3573.4	3368.7	3119.1	2838.8	2525.2	2260.3
57.5°	4986.4	4932.7	4872.6	4688.2	4571.7	4343.9	4047.0	3788.5	3486.4	3084.6	2755.6
60°	6149.9	6077.0	5992.4	5842.7	5599.6	5303.8	4985.1	4602.4	4232.6	3793.6	3362.3
62.5°	7144.3	7027.9	6847.4	6654.2	6362.4	6023.2	5622.5	5172.0	4750.9	4257.0	3777.0
65°	7349.2	7189.2	6976.7	6724.5	6423.8	6041.1	5622.5	5191.2	4695.9	4231.3	3748.8
67.5°	6816.7	6631.1	6413.5	6131.9	5845.2	5451.1	5090.2	4651.1	4185.2	3783.4	3352.0
70°	5941.2	5666.1	5443.4	5143.8	4853.3	4543.7	4163.5	3834.5	3455.7	3085.8	2755.6
72.5°	4461.7	4190.4	3988.1	3748.8	3576.0	3248.4	2969.3	2723.6	2499.6	2223.2	1978.7
75°	2404.9	2201.4	2065.8	1956.9	1802.1	1585.8	1452.7	1283.7	1189.0	1073.9	962.5
77.5°	784.6	691.2	590.1	491.4	422.3	317.4	307.2	244.5	230.4	224.0	172.7
80°	401.9	309.8	224.0	161.3	122.9	108.7	103.6	98.5	93.4	89.6	83.2
82.5°	403.2	291.8	200.9	139.5	101.1	84.5	79.3	76.8	72.9	69.1	64.0
85°	294.4	217.6	149.8	102.4	70.4	56.3	53.8	50.0	47.3	46.0	40.9
87.5°	19.2	14.0	12.8	11.5	11.5	11.5	12.8	11.5	12.8	12.8	11.5
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°	174.0	174.0	174.0	174.0	174.0	174.0	174.0	174.0	174.0	174.0	174.0
2.5°	180.5	179.2	179.2	177.9	176.7	176.7	175.3	175.3	171.5	165.1	160.0
5°	185.6	183.1	181.8	180.5	179.2	176.7	175.3	174.0	167.6	154.9	144.7
7.5°	189.4	186.9	185.6	183.1	179.2	177.9	175.3	172.7	162.5	144.7	133.1
10°	195.8	192.0	188.2	184.3	180.5	177.9	174.0	171.5	156.2	135.6	124.2
12.5°	202.2	197.1	192.0	185.6	181.8	177.9	174.0	168.9	151.1	128.0	115.2
15°	209.9	202.2	195.8	189.4	183.1	177.9	171.5	167.6	145.9	121.6	110.0
17.5°	217.6	208.7	199.6	190.7	184.3	176.7	171.5	165.1	140.7	116.5	103.6
20°	226.5	213.8	204.7	194.5	185.6	176.7	168.9	162.5	135.6	110.0	97.3
22.5°	239.4	224.0	209.9	198.4	186.9	177.9	168.9	160.0	130.5	104.9	92.2
25°	256.0	236.7	220.2	206.0	192.0	180.5	170.2	161.3	126.7	101.1	85.8
27.5°	280.3	256.0	238.0	218.9	200.9	186.9	174.0	163.8	124.2	97.3	82.0
30°	309.8	285.4	257.3	234.2	215.0	195.8	181.8	166.4	121.6	93.4	76.8
32.5°	353.2	318.7	285.4	257.3	230.4	208.7	188.2	172.7	120.3	87.1	71.6
35°	416.0	368.7	328.9	291.8	254.7	227.8	203.5	183.1	119.1	82.0	66.5
37.5°	505.6	449.2	398.0	345.6	299.5	261.1	227.8	200.9	119.1	78.0	61.4
40°	601.6	528.6	463.4	398.0	339.2	290.5	245.8	212.5	116.5	72.9	56.3
42.5°	710.3	620.7	531.2	450.5	377.6	314.9	262.4	221.4	110.0	67.8	51.2
45°	856.3	738.5	631.0	527.4	432.6	350.7	284.1	231.6	103.6	64.0	46.0
47.5°	1039.3	902.3	762.8	632.3	508.1	404.5	316.1	248.3	99.8	58.9	42.2
50°	1311.9	1117.3	933.0	766.6	609.2	473.6	363.4	272.7	96.0	55.1	38.4
52.5°	1611.4	1372.0	1155.7	942.0	746.1	567.0	418.5	304.7	92.2	51.2	34.5
55°	1976.2	1681.8	1418.1	1140.4	889.5	675.8	486.3	340.5	87.1	47.3	32.0
57.5°	2426.7	2054.2	1742.0	1402.8	1087.9	816.6	577.2	400.6	82.0	42.2	28.2
60°	2929.7	2508.6	2115.6	1717.6	1336.2	1003.4	711.6	486.3	76.8	37.1	24.3
62.5°	3291.9	2829.9	2380.6	1933.9	1515.4	1143.0	820.4	552.9	69.1	32.0	21.8
65°	3288.0	2819.6	2367.8	1927.5	1520.5	1148.1	824.3	565.7	61.4	28.2	19.2
67.5°	2929.7	2535.5	2132.3	1736.8	1381.0	1044.4	762.8	524.7	52.5	25.6	16.7
70°	2410.1	2096.5	1777.8	1464.2	1178.8	894.6	659.2	456.9	44.8	23.1	14.0
72.5°	1759.8	1530.7	1336.2	1114.8	920.3	706.5	526.0	358.3	35.8	19.2	12.8
75°	874.1	782.1	670.7	601.6	513.2	419.8	326.3	208.7	29.4	15.3	11.5
77.5°	166.4	148.5	142.0	122.9	112.7	99.8	88.3	62.7	23.1	11.5	10.2
80°	76.8	70.4	64.0	57.6	51.2	43.5	38.4	33.3	18.0	8.9	11.5
82.5°	60.2	55.1	48.7	43.5	38.4	33.3	28.2	24.3	11.5	7.7	11.5
85°	39.7	34.5	30.7	26.9	23.1	20.5	18.0	15.3	7.7	7.7	7.7
87.5°	11.5	11.5	10.2	10.2	8.9	8.9	7.7	7.7	6.4	6.4	6.4
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):

	125°	135°	145°	155°	165°	175°	180°
0°	174.0	174.0	174.0	174.0	174.0	174.0	174.0
2.5°	154.9	148.5	145.9	144.7	144.7	145.9	144.7
5°	136.9	130.5	128.0	125.4	125.4	125.4	126.7
7.5°	125.4	119.1	115.2	114.0	112.7	114.0	114.0
10°	115.2	110.0	104.9	102.4	102.4	102.4	102.4
12.5°	107.5	101.1	96.0	94.7	93.4	93.4	93.4
15°	101.1	93.4	89.6	87.1	85.8	85.8	87.1
17.5°	93.4	87.1	82.0	80.7	80.7	80.7	80.7
20°	88.3	80.7	76.8	74.2	74.2	74.2	74.2
22.5°	82.0	75.5	70.4	67.8	67.8	67.8	67.8
25°	76.8	70.4	65.3	62.7	62.7	62.7	62.7
27.5°	71.6	65.3	60.2	57.6	57.6	57.6	57.6
30°	66.5	60.2	55.1	52.5	52.5	52.5	52.5
32.5°	62.7	55.1	50.0	47.3	47.3	48.7	47.3
35°	56.3	50.0	44.8	42.2	42.2	42.2	42.2
37.5°	51.2	44.8	39.7	37.1	37.1	37.1	35.8
40°	47.3	39.7	34.5	32.0	30.7	30.7	30.7
42.5°	40.9	33.3	29.4	26.9	25.6	25.6	25.6
45°	37.1	29.4	24.3	21.8	21.8	21.8	21.8
47.5°	33.3	25.6	20.5	18.0	18.0	19.2	19.2
50°	29.4	21.8	16.7	16.7	16.7	18.0	18.0
52.5°	25.6	19.2	15.3	15.3	16.7	18.0	18.0
55°	23.1	16.7	14.0	15.3	16.7	18.0	18.0
57.5°	20.5	14.0	14.0	15.3	16.7	18.0	18.0
60°	18.0	12.8	12.8	14.0	16.7	18.0	18.0
62.5°	15.3	12.8	12.8	14.0	16.7	18.0	18.0
65°	14.0	12.8	12.8	14.0	16.7	18.0	18.0
67.5°	12.8	11.5	12.8	14.0	15.3	16.7	16.7
70°	11.5	11.5	12.8	14.0	15.3	16.7	16.7
72.5°	11.5	11.5	11.5	12.8	14.0	15.3	15.3
75°	11.5	11.5	11.5	12.8	14.0	15.3	15.3
77.5°	11.5	10.2	10.2	11.5	14.0	15.3	15.3
80°	11.5	10.2	10.2	11.5	12.8	15.3	15.3
82.5°	8.9	8.9	10.2	11.5	12.8	14.0	14.0
85°	7.7	8.9	8.9	10.2	11.5	14.0	14.0
87.5°	6.4	6.4	7.7	8.9	10.2	11.5	11.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)