

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: P180607

Luminaire Tested: **ICM-E06-LED-E1-SL3-HSS-7030**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P180607  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33727)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 03/03/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: ICM-E06-LED-E1-SL3-HSS-7030  
Description: ICON SITE MEDIUM LED LUMINAIRE  
(6) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ SPILL LIGHT CONTROL AND HOUSE SIDE SHIELD  
Light Source: (126) 3000K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

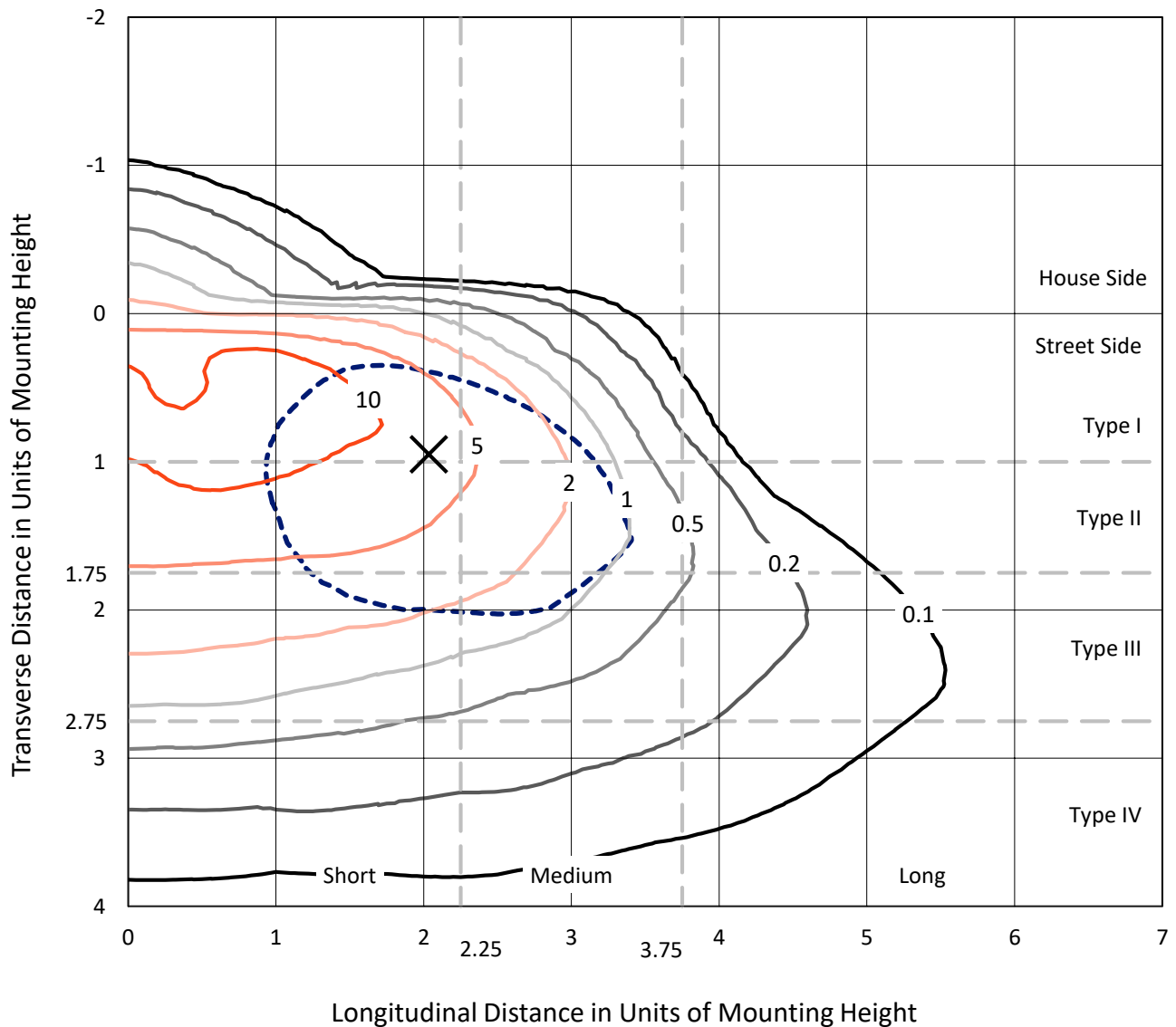
Lumens per Lamp: N/A  
Luminaire Lumens: 8838.7 lumens  
Efficiency: N/A  
Efficacy: 58.7 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 1' x L: 1' x H: 0.1')  
IES Classification: Type III - Short - Non-Cutoff  
BUG Rating: B0 - U0 - G2  
  
Input Watts (W): 150.5  
Input Voltage (V): NR  
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

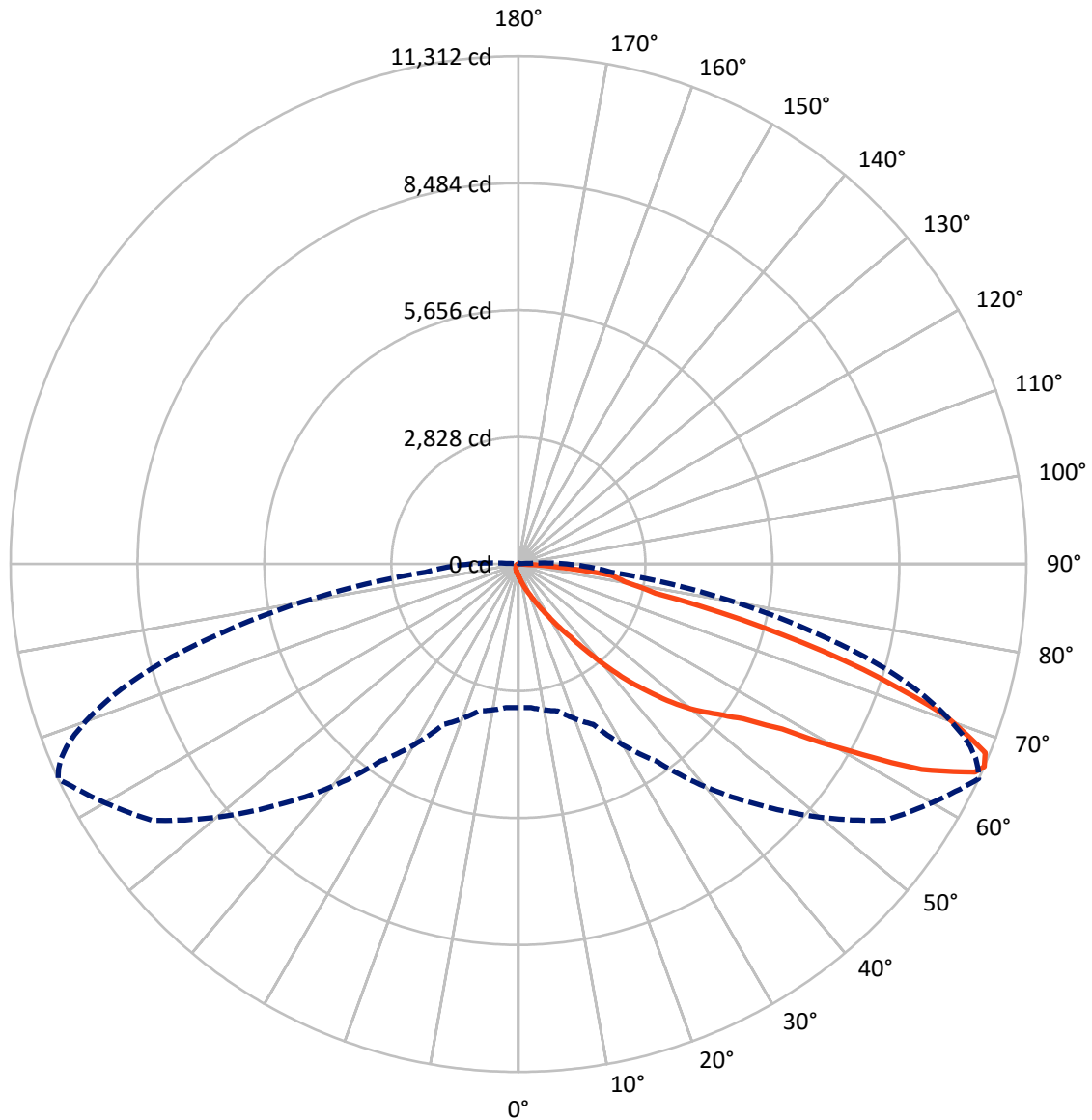
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 14.6 fc  
 Type III - Short - Non-Cutoff

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### Luminous Intensity Polar Plot



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

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	191.5	0.0	191.5
	% Fixture	2.2	0.0	2.2
<b>Street Side</b>	Lumens	8647.1	0.0	8647.1
	% Fixture	97.8	0.0	97.8
<b>Total</b>	Lumens	8838.7	0.0	8838.7
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	29.9	0.3
10°-20°	126.6	1.4
20°-30°	273.1	3.1
30°-40°	583.3	6.6
40°-50°	1289.9	14.6
50°-60°	2186.0	24.7
60°-70°	2917.0	33.0
70°-80°	1284.9	14.5
80°-90°	148.0	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°	8838.7	100.0
0°-180°	8838.7	100.0



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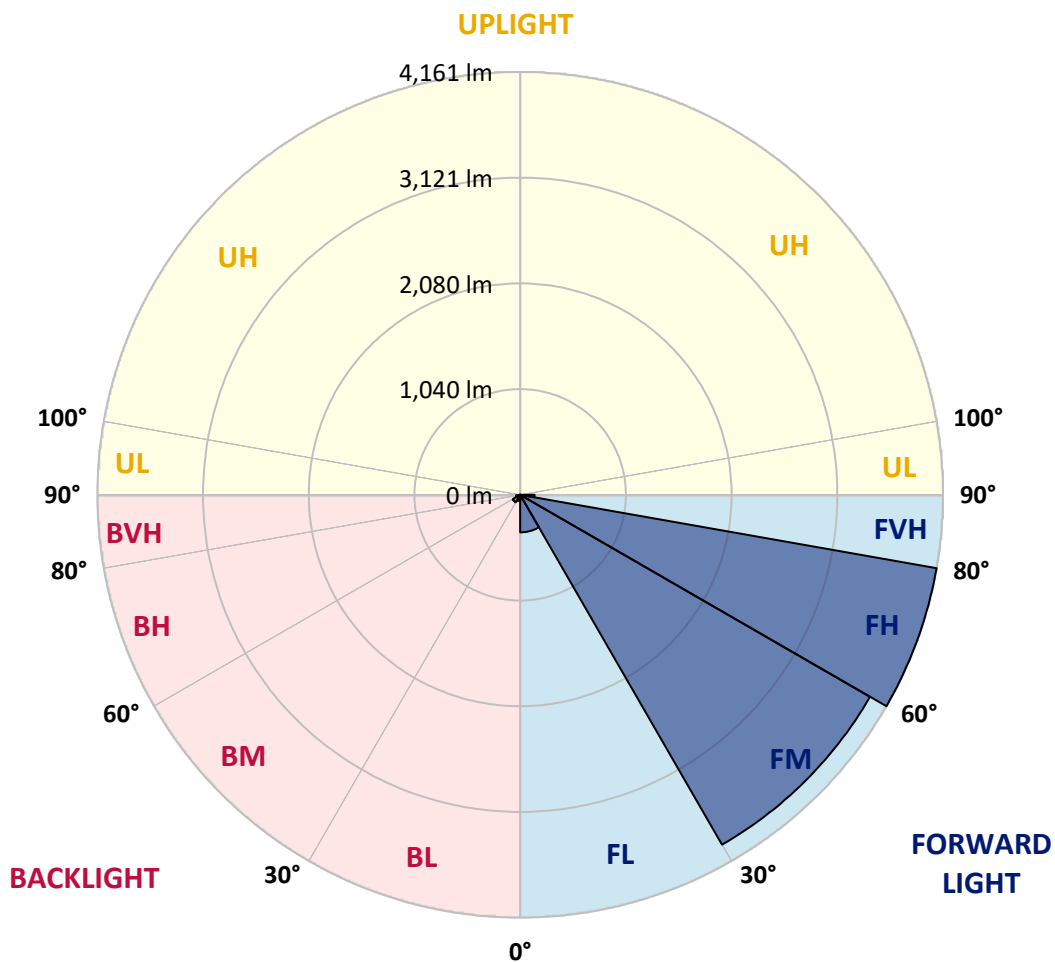
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	369.2	4.2			
FM	(30°-60°)	3975.0	45.0			
FH	(60°-80°)	4160.8	47.1			G2/5000
FVH	(80°-90°)	142.1	1.6			G2/225
BL	(0°-30°)	60.4	0.7	B0/110		
BM	(30°-60°)	84.1	1.0	B0/220		
BH	(60°-80°)	41.1	0.5	B0/110		G0/110
BVH	(80°-90°)	5.9	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°	65°	66°	67°	68°
0°	266.8	266.8	266.8	266.8	266.8	266.8	266.8	266.8	266.8	266.8	266.8
2.5°	336.5	334.8	328.0	328.0	317.8	311.0	302.5	294.0	294.0	292.3	290.6
5°	445.2	435.0	433.3	414.6	399.4	377.2	356.8	329.7	326.2	322.9	321.1
7.5°	565.9	564.2	548.8	526.8	496.2	455.4	414.6	370.4	363.6	360.3	353.5
10°	722.1	713.7	693.3	655.9	610.1	555.6	489.4	419.7	411.3	404.5	401.0
12.5°	871.7	856.5	844.6	796.9	739.2	659.4	579.4	479.2	472.4	463.9	450.3
15°	1011.1	997.5	977.1	936.3	871.7	771.4	678.1	555.6	538.7	526.8	516.6
17.5°	1119.8	1111.4	1087.5	1041.7	972.0	883.6	771.4	633.9	620.2	604.9	586.2
20°	1223.4	1211.5	1174.2	1111.4	1036.6	968.6	882.0	735.8	717.1	698.4	678.1
22.5°	1322.1	1310.1	1248.9	1145.3	1065.4	1036.6	1006.0	851.4	822.4	807.2	786.8
25°	1459.6	1434.1	1339.0	1174.2	1067.2	1089.2	1141.9	1000.8	973.7	951.6	919.3
27.5°	1644.8	1610.9	1461.4	1216.7	1074.0	1147.0	1298.2	1182.7	1153.8	1128.3	1092.7
30°	1853.9	1831.8	1653.4	1318.6	1123.2	1232.0	1473.2	1413.8	1379.8	1349.2	1306.7
32.5°	2064.6	2034.1	1857.3	1512.4	1255.7	1396.8	1692.5	1682.2	1638.1	1609.2	1563.4
35°	2249.9	2234.5	2103.7	1830.2	1558.2	1685.7	1984.8	1996.7	1957.6	1927.0	1876.0
37.5°	2375.5	2375.5	2350.1	2171.6	2039.1	2134.2	2414.6	2416.4	2377.3	2307.6	2282.2
40°	2440.1	2458.8	2550.6	2584.6	2577.8	2700.1	2978.8	2948.2	2915.9	2880.3	2795.3
42.5°	2572.7	2589.7	2785.1	3019.6	3172.6	3334.0	3526.0	3515.7	3476.7	3412.1	3334.0
45°	2796.9	2819.1	3051.9	3424.0	3738.3	3967.7	4090.2	4042.5	4003.5	3942.3	3901.5
47.5°	3082.4	3124.9	3388.3	3848.9	4227.7	4606.7	4734.2	4608.4	4574.4	4526.8	4460.6
50°	3386.6	3427.5	3707.8	4234.5	4662.8	5114.8	5327.2	5114.8	5065.5	5050.3	4975.5
52.5°	3650.1	3684.0	3954.2	4531.9	4995.8	5526.0	5835.3	5554.9	5519.2	5468.2	5413.9
55°	3806.3	3833.5	4086.7	4674.7	5221.9	5896.5	6326.4	6079.9	6027.3	6006.9	5928.8
57.5°	3859.0	3886.3	4113.9	4693.3	5344.2	6234.6	6922.8	6931.3	6868.4	6795.4	6771.6
60°	3859.0	3889.6	4081.6	4647.5	5463.1	6594.8	7718.1	8426.7	8290.7	8277.2	8190.5
62.5°	3699.3	3728.2	3921.9	4506.4	5622.9	7080.9	8826.0	10076.6	10037.5	9949.2	9806.5
65°	3352.7	3369.6	3559.9	4146.2	5561.7	7527.8	9786.1	11174.4	11111.5	10938.2	10754.7
66°	3196.3	3209.9	3388.3	3940.6	5361.1	7588.9	9956.0	11312.0	11208.3	11062.2	10855.0
67.5°	2970.3	2994.1	3119.8	3558.3	4880.3	7376.5	9849.0	11215.1	11125.1	10948.3	10741.1
70°	1983.1	1966.1	2409.6	2730.7	3718.0	6010.3	8836.1	10069.8	10071.6	9988.2	9905.0
72.5°	941.4	951.6	1080.8	1680.6	2433.3	4015.4	7033.3	8037.5	8153.1	8003.6	7899.9
75°	676.3	691.6	769.8	1028.1	1451.2	2409.6	4559.1	5621.2	5624.6	5359.5	5123.3
77.5°	197.1	205.6	288.8	633.9	1087.5	1626.2	2618.5	3124.9	3051.9	2861.6	2683.2
80°	81.6	81.6	84.9	202.2	436.7	1104.6	1831.8	2406.2	2397.7	2324.6	2219.3
82.5°	30.6	32.3	40.7	83.3	103.6	271.9	1221.8	2088.4	2083.3	1979.6	1904.8
85°	3.4	3.4	10.2	35.7	39.1	51.0	244.7	921.0	915.9	921.0	807.2
87.5°	0.0	0.0	1.7	3.4	5.1	6.8	10.2	35.7	39.1	37.4	34.0
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):**

	69°	70°	71°	72°	73°	74°	75°	76°	77°	78°	79°
0°	266.8	266.8	266.8	266.8	266.8	266.8	266.8	266.8	266.8	266.8	266.8
2.5°	290.6	287.2	287.2	285.5	285.5	285.5	283.8	282.0	282.0	280.4	278.7
5°	317.8	314.3	312.7	309.3	307.5	305.9	302.5	300.7	297.4	295.6	294.0
7.5°	350.0	343.3	341.6	336.5	331.4	328.0	324.6	319.4	316.1	309.3	307.5
10°	390.8	382.3	375.5	368.7	363.6	355.2	350.0	343.3	336.5	331.4	326.2
12.5°	443.5	431.6	421.4	414.6	402.7	392.6	382.3	377.2	363.6	356.8	348.4
15°	501.3	487.7	475.8	462.2	453.7	436.7	423.1	407.8	401.0	389.1	375.5
17.5°	576.1	554.0	535.3	521.7	504.7	487.7	472.4	457.1	436.7	423.1	406.1
20°	655.9	637.2	611.7	587.9	567.5	547.2	525.1	504.7	486.0	463.9	443.5
22.5°	757.9	730.7	700.1	676.3	649.1	627.1	596.5	569.2	538.7	509.8	486.0
25°	887.0	851.4	822.4	788.5	756.2	722.1	684.8	650.8	611.7	584.6	543.7
27.5°	1046.7	1012.8	973.7	929.5	897.2	846.2	796.9	754.5	708.6	666.1	620.2
30°	1250.7	1201.4	1160.6	1118.1	1053.6	1004.3	946.5	888.7	825.9	783.4	713.7
32.5°	1495.4	1442.7	1381.5	1320.3	1260.8	1191.2	1119.8	1048.5	978.8	900.7	829.2
35°	1794.4	1731.5	1661.9	1595.6	1503.8	1429.1	1339.0	1240.5	1162.3	1072.2	982.1
37.5°	2190.3	2086.7	2025.5	1955.8	1831.8	1729.9	1629.6	1531.1	1393.4	1298.2	1170.8
40°	2686.5	2625.4	2525.1	2412.9	2300.9	2166.5	2030.6	1899.8	1740.0	1607.5	1459.6
42.5°	3269.4	3179.4	3077.4	2915.9	2802.1	2644.0	2489.4	2316.1	2120.7	1950.8	1777.4
45°	3816.6	3709.5	3631.4	3469.9	3351.0	3164.0	2977.1	2793.6	2567.6	2348.4	2147.8
47.5°	4407.9	4319.6	4190.4	4059.6	3938.9	3728.2	3526.0	3303.4	3065.5	2805.5	2545.5
50°	4927.8	4858.2	4769.8	4611.8	4477.6	4300.9	4062.9	3819.9	3519.2	3260.9	2965.2
52.5°	5369.7	5315.3	5191.3	5079.1	4958.4	4791.9	4579.6	4346.7	4022.2	3738.3	3402.0
55°	5891.4	5852.3	5743.5	5673.9	5566.8	5407.1	5208.2	4992.4	4649.2	4339.9	3959.3
57.5°	6746.1	6715.5	6620.3	6591.5	6486.1	6346.7	6102.1	5871.0	5469.9	5085.9	4650.9
60°	8161.5	8100.4	7961.1	7889.7	7667.1	7480.1	7162.4	6844.7	6360.3	5871.0	5347.6
62.5°	9677.4	9505.7	9240.6	9012.9	8696.9	8372.3	7947.5	7461.4	6893.9	6312.8	5711.2
65°	10494.7	10202.4	9867.7	9505.7	9096.1	8618.7	8083.4	7500.6	6890.6	6277.1	5641.5
66°	10588.2	10258.5	9903.3	9500.6	9045.2	8537.1	7993.4	7381.6	6747.8	6149.6	5514.1
67.5°	10470.9	10125.9	9750.4	9303.5	8810.7	8284.0	7713.0	7077.4	6467.4	5860.8	5242.3
70°	9650.1	9306.8	8972.1	8501.4	7976.3	7446.2	6905.8	6195.6	5617.8	5060.4	4509.9
72.5°	7706.2	7473.3	7142.0	6739.3	6227.9	5605.9	5155.6	4520.0	4018.7	3478.4	3051.9
75°	4815.8	4487.7	4078.3	3565.0	3174.3	2669.5	2406.2	1923.5	1638.1	1388.3	1147.0
77.5°	2462.2	2215.8	1928.7	1639.8	1362.8	1087.5	841.1	594.7	401.0	278.7	207.4
80°	2034.1	1816.5	1578.6	1315.3	1070.5	831.0	598.1	407.8	260.0	170.0	132.6
82.5°	1680.6	1497.0	1284.7	1039.9	827.5	652.6	453.7	295.6	183.5	119.0	93.5
85°	715.4	649.1	501.3	397.6	299.1	220.9	154.6	103.6	73.0	59.4	54.4
87.5°	30.6	34.0	32.3	25.5	18.7	18.7	17.0	13.6	13.6	13.6	13.6
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):**

	80°	81°	82°	83°	84°	85°	95°	105°	115°	125°	135°
0°	266.8	266.8	266.8	266.8	266.8	266.8	266.8	266.8	266.8	266.8	266.8
2.5°	278.7	277.0	275.3	275.3	273.6	271.9	261.7	253.2	243.0	236.2	229.4
5°	290.6	288.8	285.5	283.8	280.4	278.7	256.6	237.9	222.6	210.7	202.2
7.5°	302.5	300.7	295.6	290.6	288.8	285.5	249.8	226.0	205.6	192.0	183.5
10°	317.8	312.7	307.5	300.7	295.6	290.6	243.0	212.4	190.3	178.4	170.0
12.5°	339.8	331.4	322.9	314.3	307.5	299.1	239.6	200.6	178.4	164.8	156.4
15°	365.3	353.5	343.3	333.0	321.1	312.7	232.8	190.3	168.2	154.6	144.5
17.5°	389.1	375.5	360.3	344.9	333.0	321.1	226.0	180.1	158.0	144.5	134.2
20°	423.1	402.7	384.0	365.3	348.4	333.0	215.8	170.0	149.5	134.2	124.0
22.5°	460.5	436.7	412.9	387.4	365.3	344.9	207.4	161.4	141.0	125.8	113.9
25°	508.1	479.2	446.9	414.6	389.1	362.0	198.8	152.9	132.6	117.2	105.4
27.5°	574.3	533.6	497.9	457.1	418.0	387.4	192.0	146.1	124.0	108.7	96.8
30°	664.4	604.9	548.8	504.7	458.8	414.6	185.2	137.7	117.2	100.3	86.7
32.5°	764.7	695.0	630.4	564.2	506.4	455.4	178.4	130.9	108.7	91.7	79.9
35°	888.7	800.4	713.7	637.2	567.5	499.5	171.6	124.0	102.0	83.3	71.3
37.5°	1067.2	956.7	842.8	744.3	654.2	564.2	166.5	117.2	93.5	74.8	62.9
40°	1311.8	1169.1	1029.8	895.5	778.2	666.1	159.7	110.4	86.7	68.0	56.1
42.5°	1576.9	1403.6	1220.1	1068.8	907.4	766.3	152.9	103.6	79.9	61.2	49.3
45°	1906.6	1690.8	1468.2	1262.5	1065.4	883.6	146.1	96.8	71.3	54.4	42.5
47.5°	2266.8	1991.5	1740.0	1481.8	1247.3	1029.8	137.7	91.7	64.6	47.5	37.4
50°	2637.2	2346.7	2028.9	1735.0	1456.3	1175.9	129.1	83.3	57.8	42.5	30.6
52.5°	3036.6	2693.3	2368.8	2003.5	1678.9	1367.9	120.7	76.5	52.7	37.4	25.5
55°	3544.7	3160.7	2780.0	2370.4	1979.6	1590.5	112.2	68.0	45.9	32.3	20.4
57.5°	4183.6	3728.2	3260.9	2798.7	2324.6	1882.8	105.4	59.4	39.1	27.2	17.0
60°	4786.8	4255.0	3689.1	3157.2	2622.0	2107.1	95.2	52.7	34.0	22.0	17.0
62.5°	5099.5	4492.9	3882.8	3296.6	2725.6	2187.0	84.9	44.2	28.9	18.7	15.3
65°	5023.0	4404.5	3813.1	3221.8	2662.7	2136.0	74.8	39.1	25.5	17.0	15.3
66°	4912.6	4300.9	3706.1	3143.6	2610.1	2081.6	69.7	37.4	23.8	17.0	13.6
67.5°	4671.3	4079.9	3512.4	2989.0	2465.6	1978.0	62.9	34.0	22.0	15.3	13.6
70°	3989.9	3453.0	2999.2	2533.6	2107.1	1667.0	51.0	28.9	18.7	13.6	13.6
72.5°	2640.7	2275.4	1972.8	1697.6	1418.9	1101.1	42.5	23.8	15.3	13.6	11.9
75°	995.7	900.7	773.1	695.0	606.6	531.9	34.0	15.3	11.9	11.9	11.9
77.5°	176.7	163.2	144.5	132.6	122.3	112.2	27.2	10.2	10.2	11.9	11.9
80°	119.0	110.4	100.3	91.7	84.9	76.5	18.7	8.5	10.2	10.2	11.9
82.5°	84.9	79.9	74.8	68.0	62.9	56.1	11.9	8.5	10.2	10.2	10.2
85°	51.0	47.5	44.2	40.7	35.7	34.0	8.5	8.5	8.5	10.2	10.2
87.5°	13.6	11.9	13.6	13.6	10.2	11.9	6.8	6.8	6.8	8.5	8.5
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):**

	145°	155°	165°	175°	180°
0°	266.8	266.8	266.8	266.8	266.8
2.5°	226.0	226.0	222.6	227.7	227.7
5°	195.4	195.4	193.7	195.4	195.4
7.5°	178.4	176.7	176.7	176.7	178.4
10°	163.2	161.4	161.4	161.4	161.4
12.5°	149.5	147.8	146.1	147.8	147.8
15°	137.7	134.2	134.2	134.2	134.2
17.5°	127.4	124.0	122.3	122.3	122.3
20°	117.2	112.2	112.2	112.2	112.2
22.5°	107.1	102.0	102.0	102.0	102.0
25°	96.8	91.7	91.7	91.7	91.7
27.5°	88.4	83.3	83.3	83.3	83.3
30°	78.1	74.8	74.8	76.5	74.8
32.5°	71.3	66.2	66.2	68.0	68.0
35°	62.9	59.4	59.4	59.4	59.4
37.5°	54.4	51.0	51.0	51.0	51.0
40°	47.5	44.2	42.5	44.2	44.2
42.5°	40.7	37.4	35.7	35.7	35.7
45°	35.7	30.6	28.9	30.6	30.6
47.5°	28.9	25.5	25.5	27.2	27.2
50°	22.0	22.0	23.8	27.2	27.2
52.5°	20.4	20.4	23.8	27.2	27.2
55°	18.7	20.4	23.8	25.5	27.2
57.5°	17.0	20.4	23.8	25.5	25.5
60°	17.0	18.7	22.0	25.5	25.5
62.5°	15.3	17.0	20.4	23.8	23.8
65°	15.3	17.0	20.4	23.8	23.8
66°	15.3	17.0	20.4	23.8	23.8
67.5°	15.3	17.0	20.4	23.8	23.8
70°	15.3	17.0	20.4	22.0	22.0
72.5°	13.6	15.3	18.7	22.0	22.0
75°	13.6	15.3	18.7	22.0	22.0
77.5°	13.6	15.3	18.7	22.0	22.0
80°	13.6	15.3	18.7	20.4	22.0
82.5°	11.9	15.3	17.0	20.4	20.4
85°	11.9	13.6	17.0	18.7	20.4
87.5°	10.2	11.9	13.6	17.0	17.0
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)