

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: P180606

Luminaire Tested: **ICM-E06-LED-E1-SL3-HSS-8030**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P180606  
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-8030  
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, 80 CRI LEDs  
Ballast/Driver: -

**Summary**

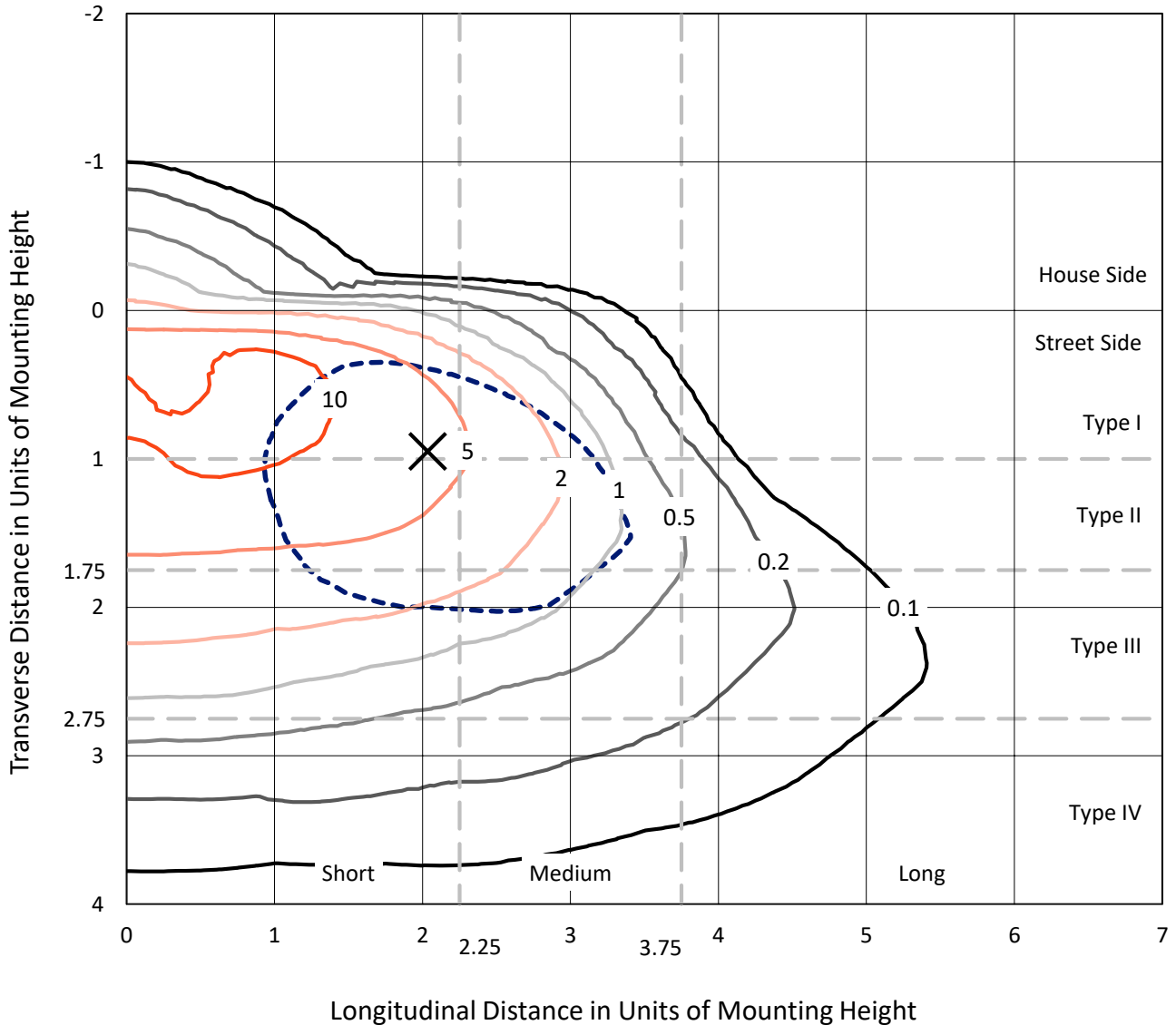
Lumens per Lamp: N/A  
Luminaire Lumens: 8167.5 lumens  
Efficiency: N/A  
Efficacy: 54.3 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 1' x L: 1' x H: 0.1')  
IES Classification: Type III - Short - Non-Cutoff  
BUG Rating: B0 - U0 - G2  
  
Input Watts (W): 150.5  
Input Voltage (V): NR  
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

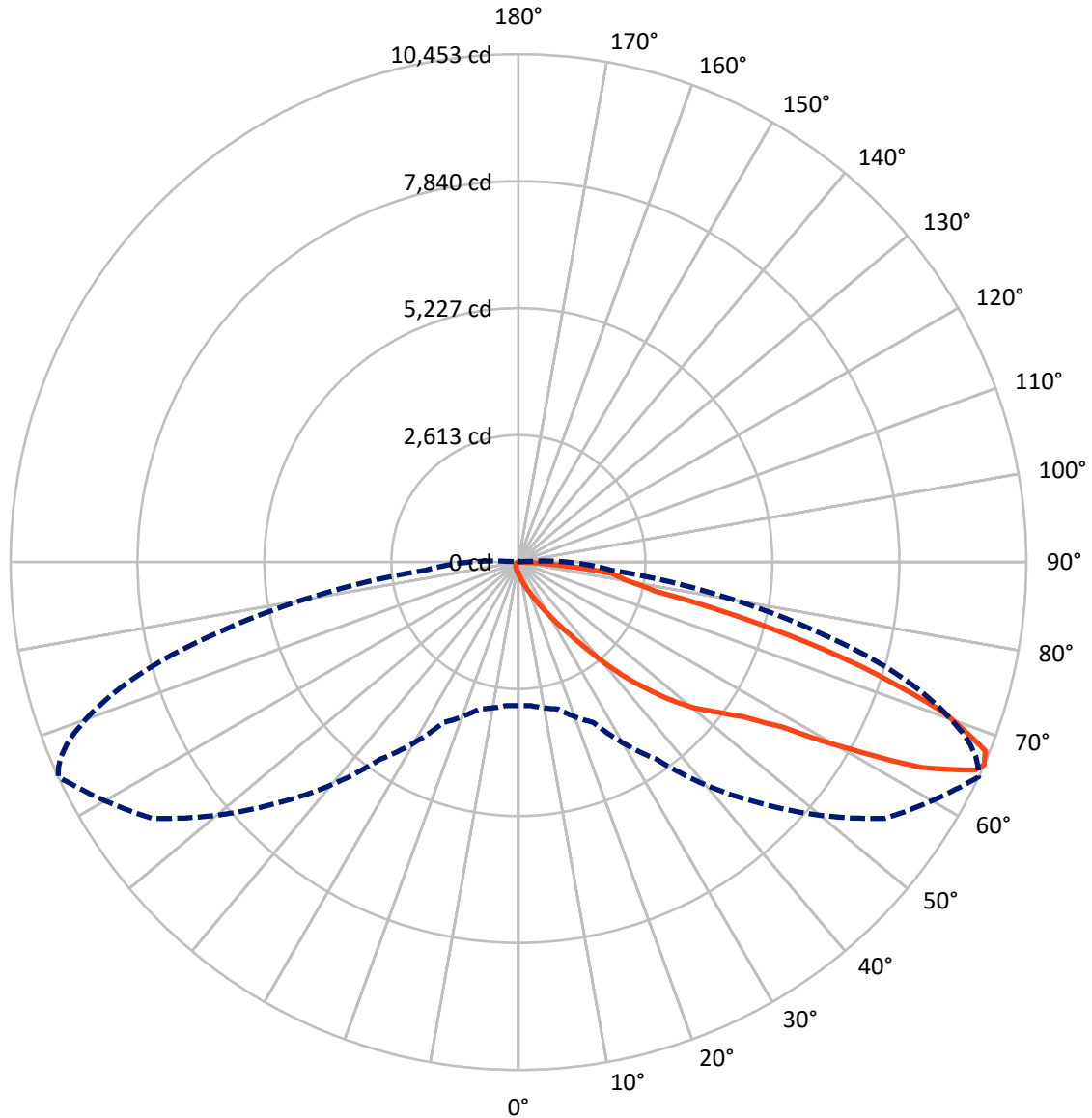
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 13.5 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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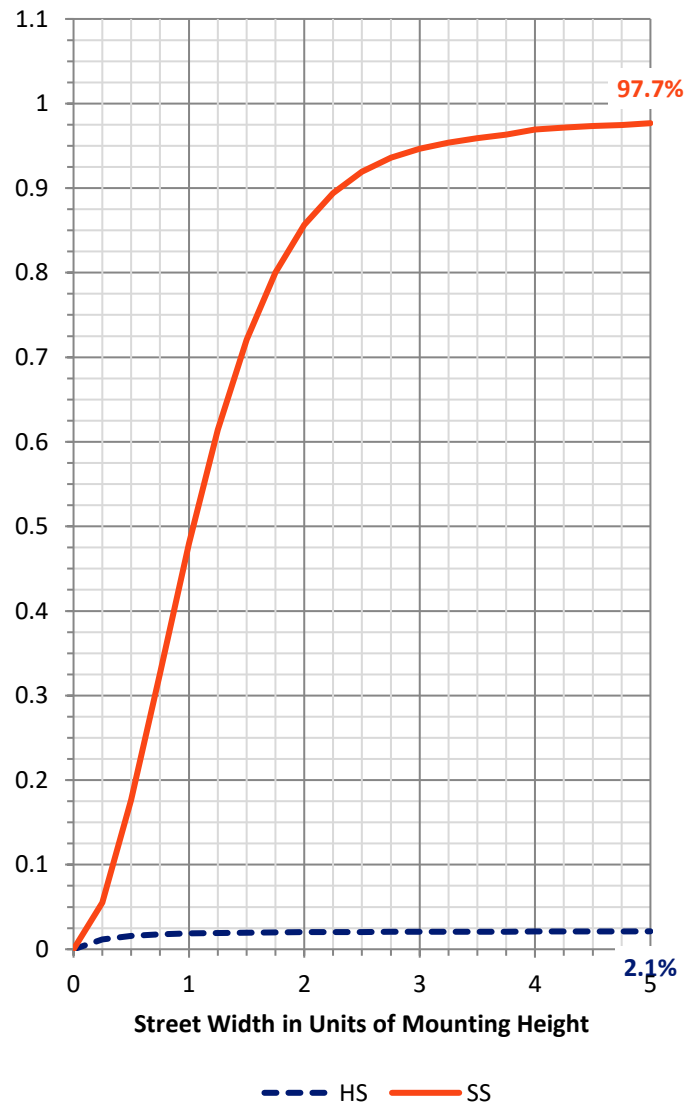
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	177.0	0.0	177.0
	% Fixture	2.2	0.0	2.2
<b>Street Side</b>	Lumens	7990.5	0.0	7990.5
	% Fixture	97.8	0.0	97.8
<b>Total</b>	Lumens	8167.5	0.0	8167.5
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	27.6	0.3
10°-20°	117.0	1.4
20°-30°	252.4	3.1
30°-40°	539.0	6.6
40°-50°	1191.9	14.6
50°-60°	2020.0	24.7
60°-70°	2695.5	33.0
70°-80°	1187.3	14.5
80°-90°	136.8	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°	8167.5	100.0
0°-180°	8167.5	100.0



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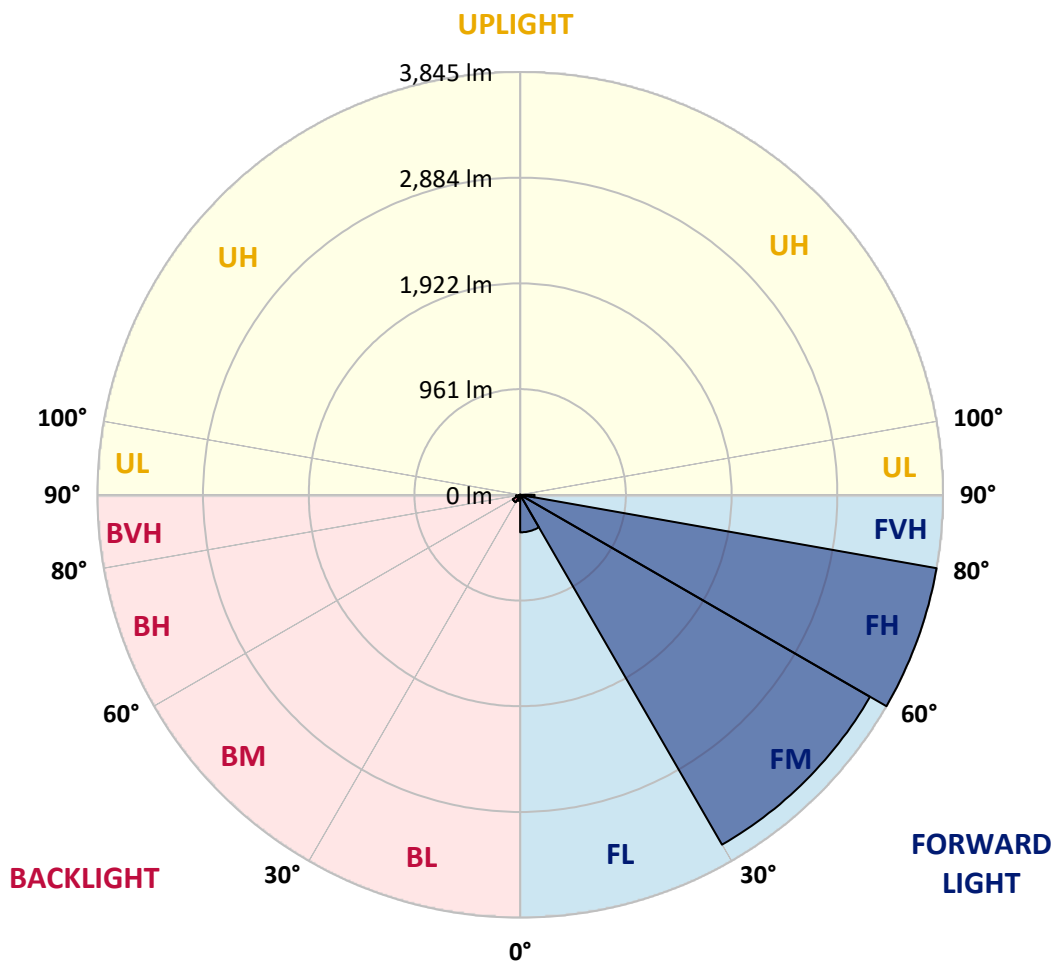
CATALOG NUMBER: ICM-E06-LED-E1-SL3-HSS-8030

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

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	341.2	4.2			
FM	(30°-60°)	3673.2	45.0			
FH	(60°-80°)	3844.8	47.1			G2/5000
FVH	(80°-90°)	131.3	1.6			G2/225
BL	(0°-30°)	55.8	0.7	B0/110		
BM	(30°-60°)	77.7	1.0	B0/220		
BH	(60°-80°)	38.0	0.5	B0/110		G0/110
BVH	(80°-90°)	5.5	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°	246.5	246.5	246.5	246.5	246.5	246.5	246.5	246.5	246.5	246.5	246.5
2.5°	310.9	309.3	303.1	303.1	293.7	287.4	279.5	271.6	271.6	270.0	268.5
5°	411.4	402.0	400.4	383.2	369.0	348.6	329.8	304.7	301.5	298.3	296.7
7.5°	522.9	521.3	507.2	486.8	458.5	420.8	383.2	342.3	336.0	332.9	326.6
10°	667.4	659.5	640.7	606.1	563.7	513.5	452.2	387.8	380.0	373.7	370.6
12.5°	805.5	791.4	780.4	736.5	683.1	609.2	535.4	442.8	436.6	428.7	416.1
15°	934.2	921.7	902.9	865.2	805.5	712.8	626.5	513.5	497.8	486.8	477.3
17.5°	1034.8	1026.9	1004.9	962.5	898.1	816.6	712.8	585.7	573.1	559.0	541.8
20°	1130.5	1119.5	1085.0	1026.9	957.9	895.0	815.0	679.9	662.6	645.4	626.5
22.5°	1221.6	1210.6	1154.1	1058.3	984.6	957.9	929.6	786.7	760.0	745.9	727.0
25°	1348.8	1325.3	1237.3	1085.0	986.1	1006.5	1055.2	924.8	899.7	879.4	849.5
27.5°	1520.0	1488.6	1350.4	1124.3	992.4	1059.9	1199.6	1092.8	1066.1	1042.6	1009.7
30°	1713.1	1692.7	1527.8	1218.5	1038.0	1138.4	1361.4	1306.4	1275.0	1246.8	1207.5
32.5°	1907.8	1879.5	1716.3	1397.5	1160.4	1290.7	1563.9	1554.5	1513.7	1487.0	1444.6
35°	2079.0	2064.8	1943.9	1691.2	1439.9	1557.7	1834.1	1845.0	1808.9	1780.7	1733.5
37.5°	2195.2	2195.2	2171.6	2006.7	1884.3	1972.2	2231.3	2232.9	2196.8	2132.4	2108.9
40°	2254.8	2272.1	2356.9	2388.3	2382.1	2495.1	2752.6	2724.3	2694.5	2661.5	2583.0
42.5°	2377.3	2393.0	2573.6	2790.2	2931.6	3080.8	3258.3	3248.8	3212.7	3153.0	3080.8
45°	2584.6	2605.0	2820.1	3164.0	3454.5	3666.4	3779.6	3735.6	3699.5	3642.9	3605.2
47.5°	2848.4	2887.6	3131.0	3556.6	3906.7	4256.9	4374.6	4258.4	4227.0	4183.1	4121.9
50°	3129.4	3167.2	3426.3	3913.0	4308.7	4726.4	4922.6	4726.4	4680.9	4666.7	4597.6
52.5°	3372.9	3404.2	3653.9	4187.7	4616.5	5106.4	5392.1	5133.1	5100.1	5053.0	5002.7
55°	3517.3	3542.4	3776.4	4319.7	4825.3	5448.7	5846.0	5618.3	5569.6	5550.7	5478.5
57.5°	3566.0	3591.1	3801.5	4337.0	4938.4	5761.2	6397.1	6405.0	6346.8	6279.3	6257.3
60°	3566.0	3594.3	3771.7	4294.5	5048.3	6094.1	7132.0	7786.7	7661.2	7648.6	7568.5
62.5°	3418.3	3445.0	3624.1	4164.2	5195.8	6543.1	8155.8	9311.4	9275.3	9193.6	9061.7
65°	3098.1	3113.8	3289.6	3831.4	5139.4	6956.1	9042.9	10325.8	10267.7	10107.5	9937.9
66°	2953.6	2966.2	3131.0	3641.3	4954.1	7012.6	9200.0	10453.0	10357.2	10222.2	10030.6
67.5°	2744.8	2766.7	2882.9	3288.0	4509.7	6816.3	9101.0	10363.5	10280.2	10117.0	9925.4
70°	1832.5	1816.8	2226.6	2523.4	3435.6	5553.9	8165.2	9305.2	9306.8	9229.8	9152.8
72.5°	869.9	879.4	998.7	1552.9	2248.6	3710.4	6499.2	7427.2	7533.9	7395.8	7300.0
75°	624.9	639.1	711.4	950.0	1340.9	2226.6	4213.0	5194.3	5197.4	4952.5	4734.3
77.5°	182.1	190.0	267.0	585.7	1004.9	1502.7	2419.7	2887.6	2820.1	2644.3	2479.4
80°	75.3	75.3	78.5	186.9	403.5	1020.7	1692.7	2223.5	2215.5	2148.1	2050.7
82.5°	28.3	29.9	37.7	76.9	95.8	251.3	1129.0	1929.8	1925.1	1829.3	1760.2
85°	3.2	3.2	9.4	32.9	36.1	47.1	226.1	851.1	846.3	851.1	745.9
87.5°	0.0	0.0	1.6	3.2	4.7	6.3	9.4	32.9	36.1	34.5	31.4
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):**

	69°	70°	71°	72°	73°	74°	75°	76°	77°	78°	79°
0°	246.5	246.5	246.5	246.5	246.5	246.5	246.5	246.5	246.5	246.5	246.5
2.5°	268.5	265.4	265.4	263.8	263.8	263.8	262.2	260.7	260.7	259.1	257.5
5°	293.7	290.5	288.9	285.8	284.2	282.6	279.5	278.0	274.8	273.2	271.6
7.5°	323.4	317.2	315.6	310.9	306.2	303.1	299.9	295.2	292.1	285.8	284.2
10°	361.1	353.3	347.0	340.7	336.0	328.2	323.4	317.2	310.9	306.2	301.5
12.5°	409.9	398.8	389.4	383.2	372.2	362.7	353.3	348.6	336.0	329.8	321.9
15°	463.3	450.7	439.6	427.1	419.3	403.5	391.0	376.8	370.6	359.5	347.0
17.5°	532.3	511.9	494.6	482.0	466.3	450.7	436.6	422.4	403.5	391.0	375.3
20°	606.1	588.8	565.3	543.3	524.5	505.6	485.2	466.3	449.1	428.7	409.9
22.5°	700.3	675.2	646.9	624.9	599.8	579.4	551.2	526.0	497.8	471.1	449.1
25°	819.6	786.7	760.0	728.6	698.8	667.4	632.8	601.4	565.3	540.2	502.5
27.5°	967.3	935.8	899.7	858.9	829.1	782.0	736.5	697.2	654.8	615.5	573.1
30°	1155.7	1110.1	1072.5	1033.2	973.5	928.0	874.6	821.2	763.2	723.9	659.5
32.5°	1381.8	1333.1	1276.6	1220.1	1165.1	1100.8	1034.8	968.8	904.5	832.2	766.2
35°	1658.1	1600.1	1535.6	1474.4	1389.7	1320.6	1237.3	1146.2	1074.1	990.8	907.6
37.5°	2024.0	1928.2	1871.7	1807.4	1692.7	1598.5	1505.9	1414.8	1287.5	1199.6	1081.9
40°	2482.5	2426.0	2333.3	2229.7	2126.1	2002.1	1876.4	1755.5	1607.9	1485.4	1348.8
42.5°	3021.1	2937.9	2843.6	2694.5	2589.3	2443.3	2300.4	2140.2	1959.6	1802.6	1642.4
45°	3526.7	3427.8	3355.6	3206.4	3096.5	2923.7	2751.0	2581.4	2372.6	2170.1	1984.8
47.5°	4073.1	3991.5	3872.2	3751.3	3639.7	3445.0	3258.3	3052.5	2832.7	2592.5	2352.2
50°	4553.6	4489.2	4407.7	4261.6	4137.5	3974.3	3754.4	3529.9	3251.9	3013.2	2740.0
52.5°	4961.9	4911.7	4797.1	4693.4	4581.9	4428.0	4231.7	4016.7	3716.8	3454.5	3143.6
55°	5443.9	5407.8	5307.4	5243.0	5144.0	4996.5	4812.8	4613.3	4296.1	4010.4	3658.6
57.5°	6233.8	6205.5	6117.6	6090.9	5993.5	5864.8	5638.6	5425.1	5054.5	4699.7	4297.7
60°	7541.8	7485.3	7356.5	7290.6	7084.9	6912.1	6618.5	6324.9	5877.3	5425.1	4941.5
62.5°	8942.5	8783.9	8538.8	8328.5	8036.4	7736.5	7344.0	6894.8	6370.4	5833.4	5277.5
65°	9697.7	9427.6	9118.3	8783.9	8405.4	7964.1	7469.5	6931.0	6367.3	5800.4	5213.1
66°	9784.1	9479.4	9151.3	8779.1	8358.3	7888.8	7386.4	6821.1	6235.4	5682.6	5095.4
67.5°	9675.7	9357.0	9009.9	8597.0	8141.6	7654.8	7127.2	6539.9	5976.3	5415.7	4844.1
70°	8917.3	8600.1	8290.7	7855.9	7370.6	6880.7	6381.4	5725.1	5191.2	4676.1	4167.4
72.5°	7121.0	6905.8	6599.7	6227.5	5754.9	5180.2	4764.0	4176.8	3713.6	3214.3	2820.1
75°	4450.0	4147.0	3768.6	3294.3	2933.2	2466.8	2223.5	1777.5	1513.7	1282.9	1059.9
77.5°	2275.3	2047.5	1782.2	1515.3	1259.4	1004.9	777.3	549.6	370.6	257.5	191.5
80°	1879.5	1678.6	1458.7	1215.4	989.2	767.8	552.7	376.8	240.3	157.0	122.5
82.5°	1552.9	1383.4	1187.1	960.9	764.7	603.0	419.3	273.2	169.6	110.0	86.3
85°	661.0	599.8	463.3	367.4	276.4	204.1	142.9	95.8	67.5	55.0	50.2
87.5°	28.3	31.4	29.9	23.5	17.3	17.3	15.7	12.6	12.6	12.6	12.6
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°	246.5	246.5	246.5	246.5	246.5	246.5	246.5	246.5	246.5	246.5	246.5
2.5°	257.5	255.9	254.4	254.4	252.8	251.3	241.8	234.0	224.6	218.2	212.0
5°	268.5	267.0	263.8	262.2	259.1	257.5	237.1	219.8	205.7	194.7	186.9
7.5°	279.5	278.0	273.2	268.5	267.0	263.8	230.8	208.8	190.0	177.4	169.6
10°	293.7	288.9	284.2	278.0	273.2	268.5	224.6	196.3	175.9	164.8	157.0
12.5°	314.0	306.2	298.3	290.5	284.2	276.4	221.4	185.3	164.8	152.3	144.5
15°	337.6	326.6	317.2	307.7	296.7	288.9	215.2	175.9	155.4	142.9	133.5
17.5°	359.5	347.0	332.9	318.8	307.7	296.7	208.8	166.4	146.0	133.5	124.1
20°	391.0	372.2	354.9	337.6	321.9	307.7	199.4	157.0	138.1	124.1	114.6
22.5°	425.5	403.5	381.6	358.0	337.6	318.8	191.5	149.2	130.3	116.2	105.2
25°	469.5	442.8	412.9	383.2	359.5	334.4	183.7	141.3	122.5	108.4	97.4
27.5°	530.7	493.0	460.1	422.4	386.2	358.0	177.4	135.1	114.6	100.5	89.5
30°	614.0	559.0	507.2	466.3	424.0	383.2	171.2	127.2	108.4	92.7	80.1
32.5°	706.6	642.2	582.5	521.3	467.9	420.8	164.8	120.9	100.5	84.8	73.8
35°	821.2	739.5	659.5	588.8	524.5	461.7	158.6	114.6	94.2	76.9	66.0
37.5°	986.1	884.0	778.8	687.7	604.6	521.3	153.9	108.4	86.3	69.1	58.1
40°	1212.2	1080.3	951.5	827.5	719.2	615.5	147.6	102.0	80.1	62.8	51.8
42.5°	1457.1	1297.0	1127.4	987.6	838.5	708.2	141.3	95.8	73.8	56.6	45.6
45°	1761.8	1562.3	1356.7	1166.7	984.6	816.6	135.1	89.5	66.0	50.2	39.3
47.5°	2094.7	1840.3	1607.9	1369.2	1152.6	951.5	127.2	84.8	59.6	44.0	34.5
50°	2436.9	2168.5	1874.9	1603.2	1345.7	1086.6	119.3	76.9	53.4	39.3	28.3
52.5°	2806.0	2488.9	2188.9	1851.3	1551.4	1264.0	111.4	70.7	48.7	34.5	23.5
55°	3275.5	2920.6	2568.9	2190.4	1829.3	1469.8	103.6	62.8	42.4	29.9	18.9
57.5°	3865.9	3445.0	3013.2	2586.2	2148.1	1739.8	97.4	55.0	36.1	25.1	15.7
60°	4423.3	3931.8	3409.0	2917.5	2422.9	1947.1	87.9	48.7	31.4	20.4	15.7
62.5°	4712.2	4151.7	3587.9	3046.3	2518.6	2020.8	78.5	40.8	26.7	17.3	14.1
65°	4641.6	4070.0	3523.6	2977.1	2460.6	1973.8	69.1	36.1	23.5	15.7	14.1
66°	4539.6	3974.3	3424.7	2904.9	2411.8	1923.5	64.4	34.5	22.0	15.7	12.6
67.5°	4316.6	3770.1	3245.7	2762.1	2278.4	1827.7	58.1	31.4	20.4	14.1	12.6
70°	3686.9	3190.7	2771.5	2341.2	1947.1	1540.4	47.1	26.7	17.3	12.6	12.6
72.5°	2440.1	2102.5	1823.0	1568.7	1311.2	1017.5	39.3	22.0	14.1	12.6	11.0
75°	920.2	832.2	714.4	642.2	560.6	491.4	31.4	14.1	11.0	11.0	11.0
77.5°	163.3	150.7	133.5	122.5	113.0	103.6	25.1	9.4	9.4	11.0	11.0
80°	110.0	102.0	92.7	84.8	78.5	70.7	17.3	7.8	9.4	9.4	11.0
82.5°	78.5	73.8	69.1	62.8	58.1	51.8	11.0	7.8	9.4	9.4	9.4
85°	47.1	44.0	40.8	37.7	32.9	31.4	7.8	7.8	7.8	9.4	9.4
87.5°	12.6	11.0	12.6	12.6	9.4	11.0	6.3	6.3	6.3	7.8	7.8
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):**

	145°	155°	165°	175°	180°
0°	246.5	246.5	246.5	246.5	246.5
2.5°	208.8	208.8	205.7	210.4	210.4
5°	180.6	180.6	179.0	180.6	180.6
7.5°	164.8	163.3	163.3	163.3	164.8
10°	150.7	149.2	149.2	149.2	149.2
12.5°	138.1	136.7	135.1	136.7	136.7
15°	127.2	124.1	124.1	124.1	124.1
17.5°	117.8	114.6	113.0	113.0	113.0
20°	108.4	103.6	103.6	103.6	103.6
22.5°	98.9	94.2	94.2	94.2	94.2
25°	89.5	84.8	84.8	84.8	84.8
27.5°	81.7	76.9	76.9	76.9	76.9
30°	72.2	69.1	69.1	70.7	69.1
32.5°	66.0	61.2	61.2	62.8	62.8
35°	58.1	55.0	55.0	55.0	55.0
37.5°	50.2	47.1	47.1	47.1	47.1
40°	44.0	40.8	39.3	40.8	40.8
42.5°	37.7	34.5	32.9	32.9	32.9
45°	32.9	28.3	26.7	28.3	28.3
47.5°	26.7	23.5	23.5	25.1	25.1
50°	20.4	20.4	22.0	25.1	25.1
52.5°	18.9	18.9	22.0	25.1	25.1
55°	17.3	18.9	22.0	23.5	25.1
57.5°	15.7	18.9	22.0	23.5	23.5
60°	15.7	17.3	20.4	23.5	23.5
62.5°	14.1	15.7	18.9	22.0	22.0
65°	14.1	15.7	18.9	22.0	22.0
66°	14.1	15.7	18.9	22.0	22.0
67.5°	14.1	15.7	18.9	22.0	22.0
70°	14.1	15.7	18.9	20.4	20.4
72.5°	12.6	14.1	17.3	20.4	20.4
75°	12.6	14.1	17.3	20.4	20.4
77.5°	12.6	14.1	17.3	20.4	20.4
80°	12.6	14.1	17.3	18.9	20.4
82.5°	11.0	14.1	15.7	18.9	18.9
85°	11.0	12.6	15.7	17.3	18.9
87.5°	9.4	11.0	12.6	15.7	15.7
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)