

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: P180658

Luminaire Tested: **ICM-E01-LED-E1-SL3**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P180658
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33679)
Test Lab: INNOVATION CENTER-P3
Issue Date: 03/03/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: ICM-E01-LED-E1-SL3
Description: ICON SITE MEDIUM LED LUMINAIRE
(1) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ SPILL LIGHT CONTROL
Light Source: (21) 4000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2824.4 lumens
Efficiency: N/A
Efficacy: 114.3 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 1' x H: 0.1')
IES Classification: Type III - Short - Semi-Cutoff
BUG Rating: B1 - U0 - G1

Input Watts (W): 24.7
Input Voltage (V): NR
Input Current (A_{in}): 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

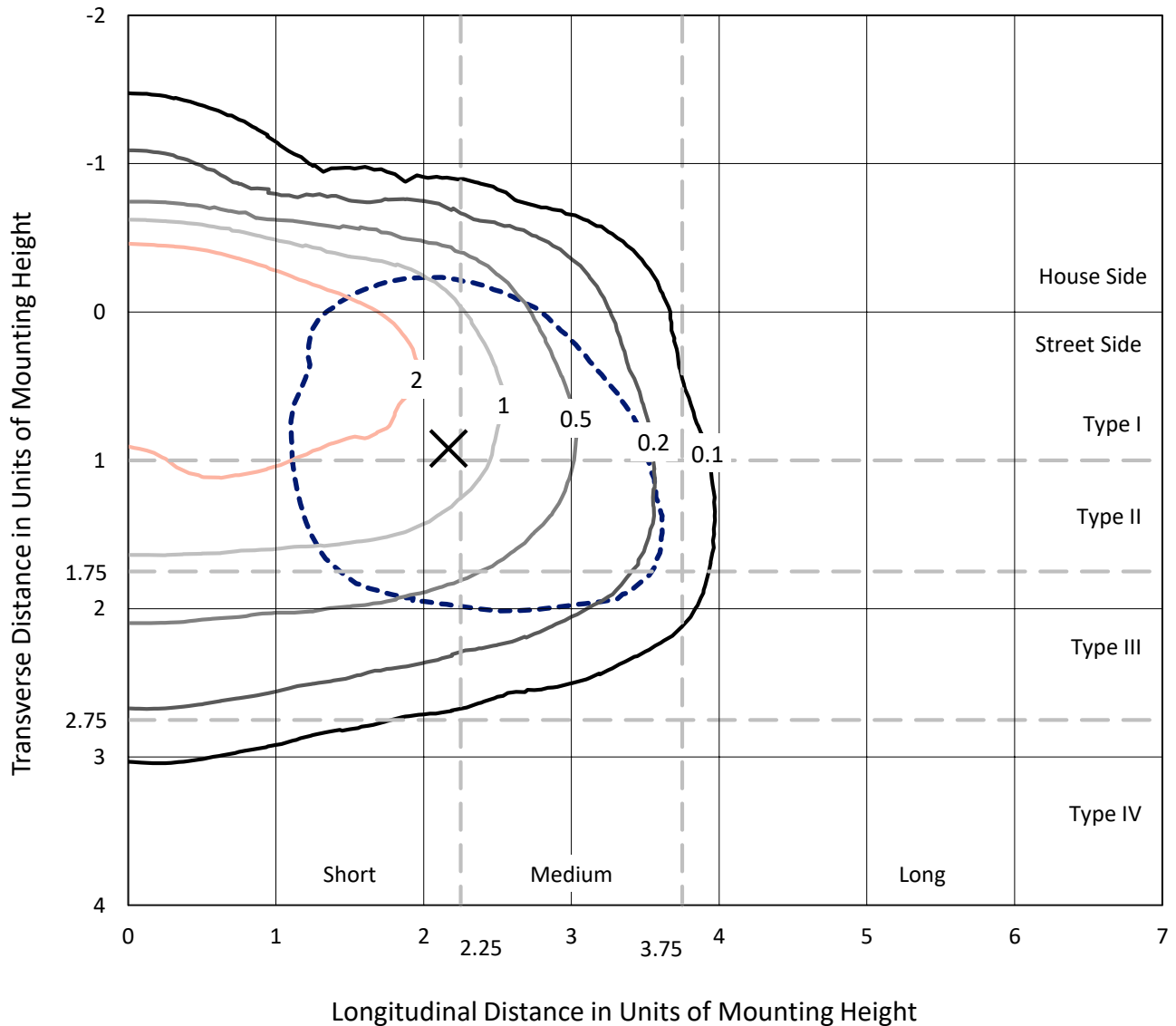


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Iso-Footcandle Lines of Horizontal Illumination

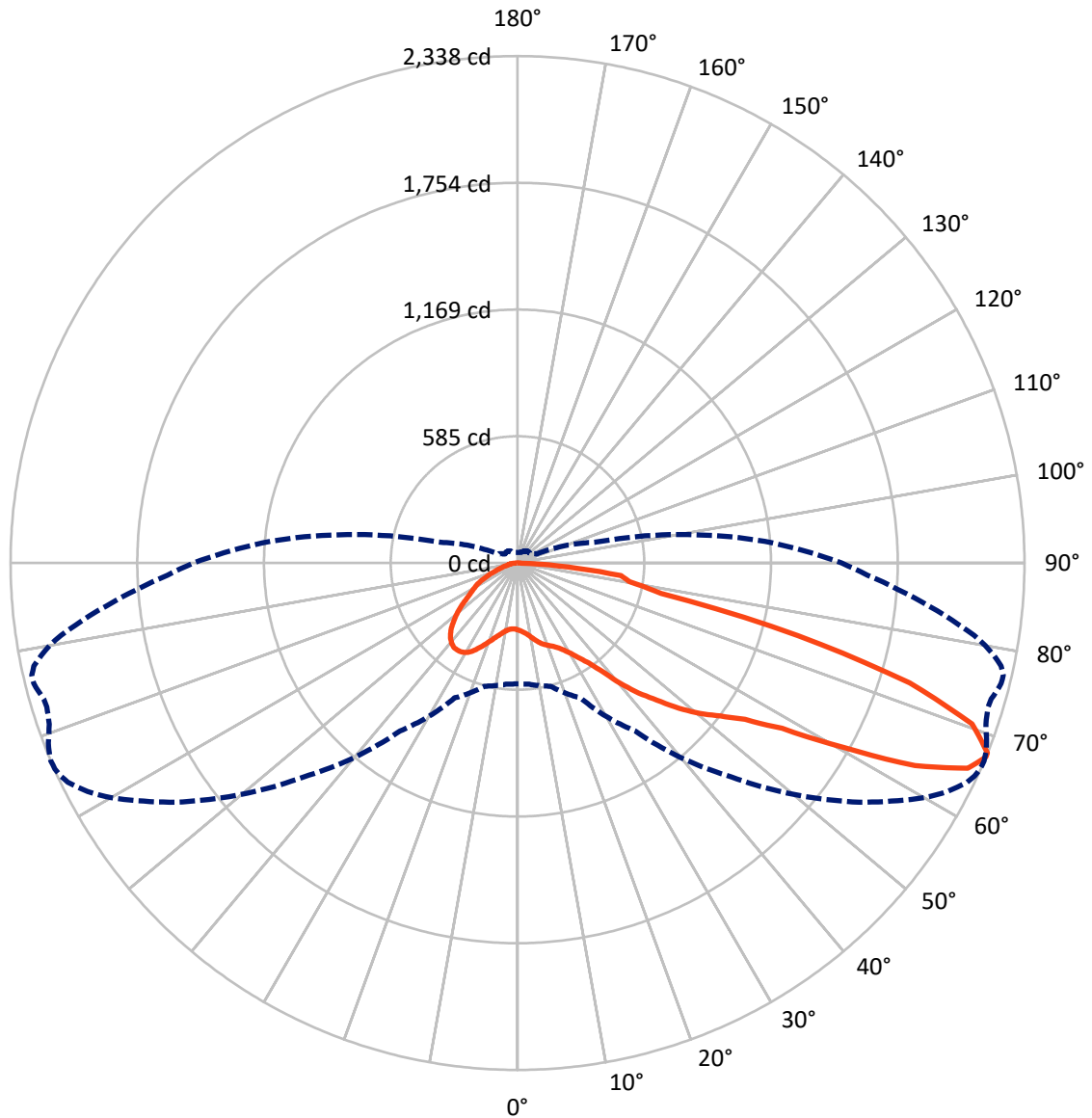
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 4 fc
 Type III - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 67-Deg Lateral - - - Horizontal Cone Through 67-Deg Vertical

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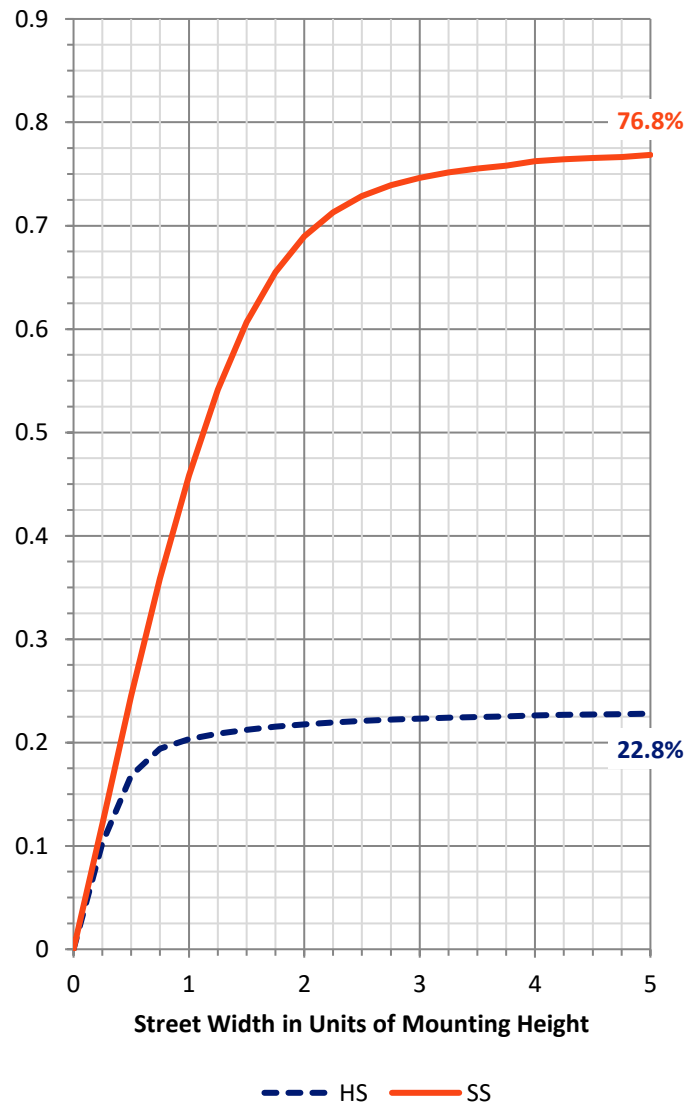
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	651.8	0.0	651.8
	% Fixture	23.1	0.0	23.1
Street Side	Lumens	2172.6	0.0	2172.6
	% Fixture	76.9	0.0	76.9
Total	Lumens	2824.4	0.0	2824.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	30.7	1.1
10°-20°	105.3	3.7
20°-30°	186.0	6.6
30°-40°	267.0	9.5
40°-50°	405.4	14.4
50°-60°	597.0	21.1
60°-70°	793.3	28.1
70°-80°	388.1	13.7
80°-90°	51.5	1.8
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°	2824.4	100.0
0°-180°	2824.4	100.0



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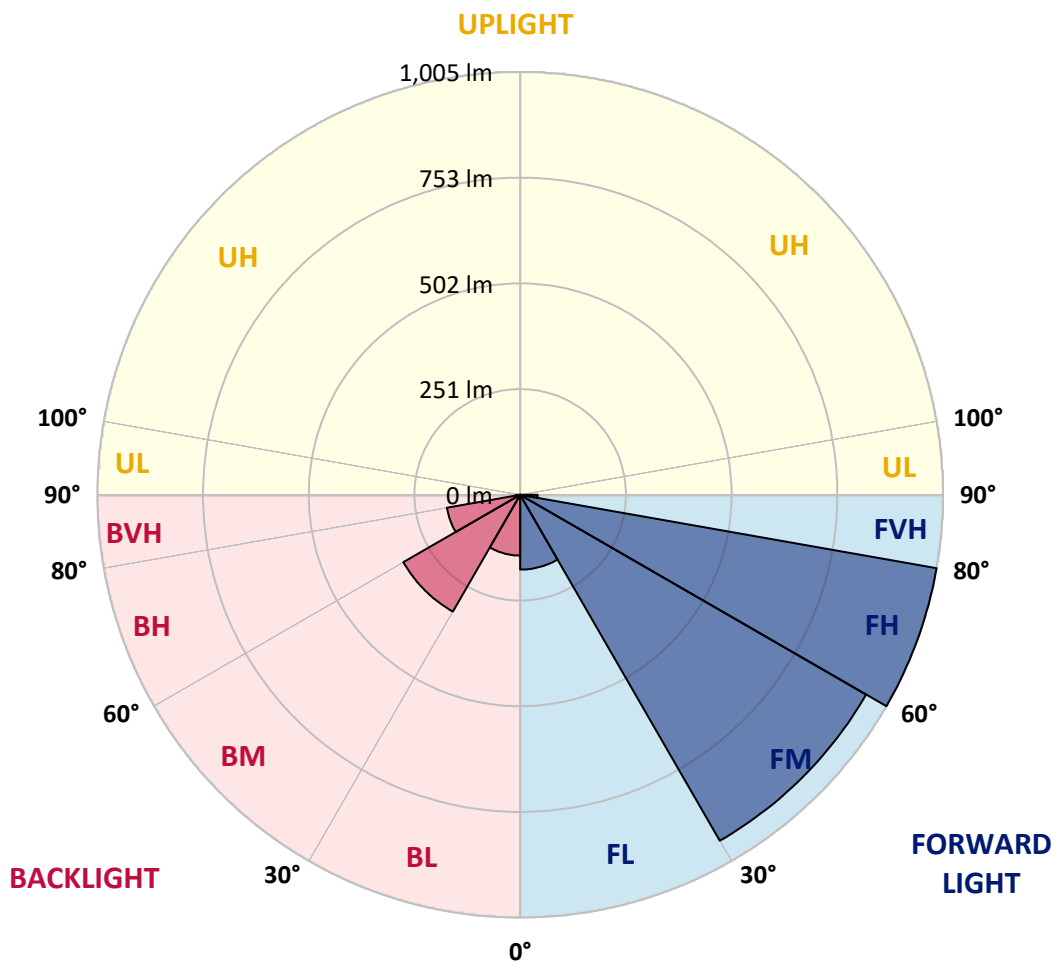
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	177.7	6.3			
FM	(30°-60°)	948.9	33.6			
FH	(60°-80°)	1004.6	35.6			G1/1800
FVH	(80°-90°)	41.4	1.5			G1/100
BL	(0°-30°)	144.3	5.1	B1/500		
BM	(30°-60°)	320.4	11.3	B1/1000		
BH	(60°-80°)	176.8	6.3	B1/500		G1/500
BVH	(80°-90°)	10.1	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1

Type III Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	60°	61°	62°	64°
0°	308.6	308.6	308.6	308.6	308.6	308.6	308.6	308.6	308.6	308.6	308.6
2.5°	323.1	323.4	322.8	322.5	320.7	318.8	317.5	316.0	316.0	316.0	315.4
5°	341.4	340.2	341.1	338.9	335.2	331.8	328.4	325.6	324.9	324.9	323.7
7.5°	363.4	361.9	361.2	358.1	352.6	347.6	340.7	338.0	336.5	335.8	335.2
10°	390.0	390.0	386.0	380.7	373.3	364.7	357.2	352.3	351.9	351.9	349.1
12.5°	417.4	418.0	412.7	407.4	395.4	383.9	375.2	369.6	369.3	368.1	366.5
15°	442.5	440.9	437.5	429.8	416.5	402.8	391.9	386.3	385.1	383.9	383.0
17.5°	463.3	461.7	457.4	447.4	433.5	417.4	404.0	398.1	397.5	396.9	395.6
20°	476.3	475.1	468.8	457.4	442.8	426.3	412.1	408.1	406.8	406.8	406.2
22.5°	483.7	481.9	472.8	457.7	443.4	431.4	419.5	417.0	416.1	416.5	416.5
25°	487.4	485.9	473.2	451.4	437.9	434.4	429.5	427.9	428.2	428.6	429.1
27.5°	488.1	485.9	471.0	443.4	430.7	440.3	443.7	446.2	446.2	447.4	449.6
30°	483.4	480.9	466.7	437.2	427.6	452.1	465.8	472.3	474.7	474.1	479.1
32.5°	475.4	473.8	462.3	437.2	436.3	475.4	499.5	508.8	510.0	510.7	516.3
35°	472.6	472.3	467.3	452.1	463.3	516.3	553.2	560.3	561.9	561.9	565.9
37.5°	471.9	473.5	479.1	480.0	510.7	577.0	625.4	636.3	636.3	639.4	639.4
40°	471.9	475.4	496.5	521.6	568.7	656.1	723.1	735.5	735.5	738.9	737.0
42.5°	490.2	495.2	530.0	577.7	641.9	737.7	814.6	828.6	829.5	828.6	831.4
45°	526.2	530.5	572.7	641.2	717.2	825.1	902.1	918.8	915.4	917.5	918.4
47.5°	574.0	580.7	628.8	710.7	790.7	906.1	1000.0	1015.2	1014.0	1014.9	1010.9
50°	624.8	631.9	685.6	779.5	863.9	971.2	1078.8	1101.4	1099.3	1100.8	1103.0
52.5°	669.8	674.1	725.9	831.4	919.4	1031.9	1139.3	1167.4	1172.4	1173.0	1174.6
55°	696.5	701.7	749.1	857.0	959.7	1091.4	1208.4	1251.2	1260.8	1263.3	1270.1
57.5°	705.8	711.4	754.4	860.7	981.7	1147.3	1304.8	1380.2	1388.2	1401.6	1423.3
60°	705.4	711.4	748.8	852.4	1004.0	1216.5	1454.9	1581.1	1622.1	1635.6	1666.7
62.5°	676.6	683.4	721.6	827.0	1032.6	1304.8	1678.1	1872.3	1924.9	1949.8	1983.3
65°	613.3	618.3	654.0	762.5	1024.5	1391.9	1864.8	2107.0	2155.1	2191.4	2251.2
67°	557.2	560.3	588.2	686.2	945.8	1395.1	1923.7	2165.3	2207.2	2245.6	2307.3
67.5°	543.0	549.5	571.2	663.0	916.3	1377.4	1919.7	2156.3	2199.1	2239.1	2304.2
70°	441.9	451.2	462.0	523.7	720.3	1158.8	1777.4	2000.7	2038.2	2075.4	2166.2
72.5°	272.6	289.3	291.4	330.5	468.8	800.9	1438.1	1687.2	1715.4	1742.1	1835.1
75°	160.7	163.1	170.9	202.5	275.1	478.8	964.9	1253.3	1279.4	1292.4	1365.3
77.5°	89.6	92.1	98.6	125.9	211.4	322.5	561.9	736.5	752.3	768.7	756.9
80°	37.2	40.7	43.7	50.9	98.9	254.6	386.3	468.2	478.4	488.1	500.2
82.5°	18.0	19.3	23.5	27.0	36.0	104.5	303.0	405.9	418.0	431.9	460.2
85°	8.4	9.3	13.0	15.5	17.4	26.3	101.4	197.5	214.2	217.4	223.0
87.5°	0.7	0.7	1.6	2.1	3.1	3.4	10.5	14.9	16.7	15.2	19.3
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):

	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°
0°	308.6	308.6	308.6	308.6	308.6	308.6	308.6	308.6	308.6	308.6	308.6
2.5°	315.1	314.7	314.1	314.1	313.8	313.8	313.8	313.2	313.2	313.2	312.8
5°	323.4	323.1	322.1	322.1	321.6	321.6	320.7	320.3	319.7	319.7	319.4
7.5°	334.2	334.0	332.7	332.7	331.8	331.4	330.9	330.0	330.0	329.3	328.7
10°	349.1	348.2	347.9	346.3	346.7	346.0	345.4	344.5	343.9	343.3	342.6
12.5°	365.9	365.9	364.4	363.4	364.0	363.4	362.1	361.9	360.9	360.9	360.0
15°	381.7	381.7	381.1	379.8	380.2	379.3	378.9	378.3	377.0	377.4	377.0
17.5°	395.4	395.4	394.4	393.8	393.8	392.8	393.2	392.6	391.9	391.6	390.7
20°	406.2	406.2	405.6	404.9	405.3	405.3	404.4	404.4	404.4	403.7	403.7
22.5°	416.7	417.0	417.0	417.0	417.4	417.7	417.4	418.0	417.7	418.3	418.3
25°	430.7	431.6	432.3	432.3	433.8	434.1	434.4	435.4	435.4	436.3	436.6
27.5°	451.4	452.1	454.6	455.2	455.5	458.0	458.3	459.5	460.7	461.1	461.4
30°	480.0	481.6	483.4	484.7	484.7	487.7	489.0	488.4	491.8	492.7	494.0
32.5°	518.1	519.4	521.2	522.5	523.7	525.3	525.6	527.2	530.0	532.4	530.9
35°	566.2	569.3	566.2	569.6	570.5	572.7	572.1	574.0	575.2	576.1	575.8
37.5°	636.0	634.4	633.8	632.6	630.4	637.9	634.1	633.8	631.9	637.2	633.8
40°	727.7	728.7	729.6	724.7	721.9	721.9	720.9	717.5	716.0	720.7	720.0
42.5°	823.5	824.5	820.2	817.0	810.0	809.0	804.7	803.7	802.1	804.7	802.1
45°	910.7	911.4	901.7	903.3	897.7	898.6	891.8	894.6	890.9	893.3	898.0
47.5°	1008.1	1009.3	1000.9	1004.4	998.8	995.4	995.1	996.9	992.8	995.4	996.6
50°	1096.5	1094.9	1090.5	1091.4	1089.0	1089.6	1085.9	1089.3	1084.7	1089.6	1089.0
52.5°	1174.9	1173.0	1172.1	1175.2	1173.0	1173.0	1170.9	1172.4	1173.0	1180.5	1182.1
55°	1270.1	1271.6	1273.2	1278.8	1281.2	1277.2	1281.2	1289.0	1289.3	1307.0	1316.6
57.5°	1423.0	1433.8	1439.4	1442.8	1457.4	1455.8	1465.1	1483.7	1485.6	1526.5	1550.4
60°	1689.6	1708.8	1727.2	1717.2	1746.7	1755.6	1761.2	1796.0	1806.8	1845.6	1866.3
62.5°	2026.3	2028.6	2057.0	2048.1	2064.8	2060.8	2067.6	2083.5	2097.7	2129.6	2149.1
65°	2261.4	2271.6	2282.8	2271.4	2271.0	2257.4	2248.7	2248.4	2257.0	2263.9	2285.6
67°	2325.3	2335.5	2338.3	2330.0	2317.9	2300.5	2284.4	2276.0	2270.4	2273.5	2287.2
67.5°	2324.7	2334.2	2337.7	2329.6	2312.9	2298.3	2281.2	2271.6	2264.2	2265.8	2277.2
70°	2192.6	2213.3	2224.5	2227.0	2224.9	2199.4	2184.9	2176.1	2170.0	2154.7	2153.8
72.5°	1857.7	1882.8	1891.5	1905.4	1911.6	1874.2	1858.3	1867.9	1846.2	1798.2	1800.3
75°	1364.0	1365.9	1336.8	1331.2	1310.4	1225.4	1200.0	1176.8	1139.5	1081.6	1027.0
77.5°	711.0	710.7	677.2	660.2	635.4	584.2	581.7	540.2	511.0	458.0	438.8
80°	505.1	513.2	524.4	530.0	521.2	501.4	474.1	444.7	410.9	377.7	338.0
82.5°	469.8	474.7	480.7	458.9	446.8	418.9	398.1	355.4	331.4	293.7	253.7
85°	228.6	243.7	231.9	218.3	213.7	167.2	161.6	134.9	122.5	100.7	94.0
87.5°	14.6	18.0	16.1	14.6	12.7	7.2	9.6	6.8	7.2	5.3	4.7
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):

	76°	77°	78°	79°	80°	81°	82°	83°	84°	85°	86°
0°	308.6	308.6	308.6	308.6	308.6	308.6	308.6	308.6	308.6	308.6	308.6
2.5°	312.8	312.6	312.3	311.9	311.6	311.6	311.4	311.0	310.7	310.0	310.0
5°	318.8	318.8	318.4	317.9	317.9	317.2	316.3	316.0	316.0	315.4	314.7
7.5°	328.4	328.1	327.4	327.2	326.5	325.9	325.3	324.7	324.4	323.4	323.1
10°	343.0	342.3	340.7	340.2	339.8	339.3	338.6	338.0	337.0	336.5	336.1
12.5°	359.4	359.1	357.9	358.4	356.9	356.3	355.6	354.1	354.7	353.5	352.8
15°	375.8	376.1	375.5	375.5	374.2	373.3	372.7	371.4	371.2	370.5	370.0
17.5°	390.4	391.0	390.0	389.5	388.8	388.2	387.0	385.8	385.8	384.5	383.9
20°	403.7	404.4	404.0	403.4	402.5	402.1	401.6	400.7	400.7	400.0	399.1
22.5°	418.9	419.3	419.3	418.9	418.0	418.3	417.7	416.7	417.0	415.8	415.8
25°	437.2	437.9	438.4	438.8	438.1	438.4	437.9	437.2	436.9	437.2	436.9
27.5°	462.3	463.0	464.8	463.3	464.8	465.1	464.2	463.0	463.9	465.4	464.5
30°	495.5	494.9	497.4	497.7	497.4	497.7	497.0	496.1	496.7	499.5	498.0
32.5°	532.7	534.0	534.6	535.2	536.1	537.4	536.5	535.5	537.0	536.1	538.3
35°	577.7	580.5	581.4	580.5	581.1	583.3	583.0	583.3	586.3	583.3	587.3
37.5°	634.4	637.2	639.4	638.1	639.7	639.7	642.1	649.0	644.7	650.2	654.6
40°	716.9	721.2	721.6	721.2	722.8	724.7	727.2	734.6	729.6	735.5	739.5
42.5°	801.9	807.2	809.0	805.9	809.3	813.3	813.7	820.2	820.5	821.4	823.5
45°	897.7	902.3	906.1	904.5	904.8	910.1	908.8	915.1	910.4	910.4	911.6
47.5°	999.7	1004.0	1006.5	1009.0	1005.9	1010.5	1012.8	1011.4	1005.9	1004.7	997.2
50°	1092.8	1096.5	1100.2	1107.0	1106.7	1108.8	1110.4	1104.8	1103.5	1096.8	1088.4
52.5°	1191.4	1200.9	1209.3	1223.5	1225.8	1233.2	1230.4	1221.1	1219.5	1208.4	1197.2
55°	1328.7	1356.3	1368.4	1390.4	1405.3	1404.9	1398.8	1397.2	1385.4	1363.1	1349.8
57.5°	1567.7	1610.9	1631.6	1660.2	1664.8	1662.1	1654.0	1639.7	1619.3	1581.7	1557.5
60°	1912.8	1939.5	1963.7	1970.5	1974.0	1968.7	1940.5	1908.8	1868.8	1817.0	1774.0
62.5°	2173.7	2200.9	2218.9	2216.1	2194.7	2167.7	2126.5	2073.5	2017.4	1959.4	1894.9
65°	2306.3	2317.9	2315.1	2293.3	2256.8	2209.6	2149.5	2084.0	2018.0	1949.5	1882.5
67°	2299.3	2299.5	2280.7	2238.4	2191.6	2132.4	2058.9	1987.6	1910.1	1838.2	1758.4
67.5°	2286.5	2285.3	2258.9	2212.8	2162.2	2101.1	2024.8	1951.0	1870.7	1798.2	1715.6
70°	2142.6	2125.3	2065.8	1991.9	1921.6	1839.1	1759.1	1674.4	1583.9	1521.6	1426.7
72.5°	1760.7	1702.1	1599.4	1522.1	1446.8	1338.9	1289.0	1183.9	1120.3	1080.7	1009.0
75°	1019.5	970.5	891.2	818.9	782.3	718.4	688.1	610.9	594.7	594.1	569.3
77.5°	389.1	339.5	288.4	232.3	197.5	156.9	138.3	123.7	112.6	120.3	109.1
80°	291.8	240.0	187.6	136.5	97.4	71.9	61.7	57.0	54.2	52.1	50.5
82.5°	217.4	171.4	133.0	86.8	60.7	45.9	39.7	37.2	36.0	33.8	31.9
85°	73.5	58.9	46.5	32.3	25.4	20.7	19.3	18.6	17.7	16.1	15.2
87.5°	4.0	3.7	4.0	3.1	3.7	3.1	3.4	3.4	3.4	3.1	3.1
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):

	87°	88°	89°	90°	95°	105°	115°	125°	135°	145°	155°
0°	308.6	308.6	308.6	308.6	308.6	308.6	308.6	308.6	308.6	308.6	308.6
2.5°	309.8	309.8	309.8	309.1	308.2	306.3	304.5	303.0	301.4	300.5	299.8
5°	314.4	313.8	313.5	313.2	311.0	307.3	303.9	300.7	297.7	295.2	294.2
7.5°	322.8	321.6	321.2	320.3	317.5	311.9	307.0	302.0	297.7	294.2	292.7
10°	335.5	335.5	333.7	332.4	329.3	321.9	314.7	308.2	302.3	298.6	297.7
12.5°	351.6	351.6	350.0	349.1	345.4	335.8	327.2	319.4	313.8	310.0	309.8
15°	368.4	368.1	366.8	365.6	361.6	351.4	342.6	335.8	331.2	326.8	325.6
17.5°	383.3	383.3	381.7	380.5	376.5	367.7	360.0	355.1	349.8	340.7	334.0
20°	398.1	398.4	397.2	396.0	392.6	385.1	381.7	376.7	364.9	345.4	329.3
22.5°	414.6	415.8	414.2	413.0	410.2	407.2	405.9	394.1	369.3	338.0	314.4
25°	435.6	437.9	436.0	435.4	433.8	434.7	431.0	403.7	363.1	321.9	292.4
27.5°	464.5	464.5	464.8	464.8	464.2	467.6	454.0	404.0	349.5	301.1	266.0
30°	498.3	500.2	499.5	499.5	502.0	504.2	466.7	397.2	332.1	275.4	233.8
32.5°	538.9	540.5	541.1	538.3	548.2	537.0	471.4	384.8	310.7	243.4	195.4
35°	587.9	590.1	591.6	591.9	598.4	565.6	468.8	366.5	280.0	203.4	153.2
37.5°	651.8	656.1	659.5	661.1	661.4	589.8	462.0	342.3	240.0	158.8	114.1
40°	736.7	741.4	740.5	743.5	725.9	604.0	446.5	307.3	190.4	116.6	88.1
42.5°	818.6	819.3	820.5	817.7	781.7	611.4	424.8	264.5	142.6	87.2	75.3
45°	910.1	904.8	898.9	894.6	833.2	614.2	395.1	212.4	100.7	73.2	69.8
47.5°	996.0	988.8	976.8	964.4	879.1	610.0	356.9	159.1	76.6	67.0	66.0
50°	1080.3	1067.0	1050.0	1035.6	923.1	603.4	314.7	114.7	67.0	63.9	63.0
52.5°	1184.8	1162.5	1140.2	1121.6	980.5	593.2	270.4	87.2	63.0	61.4	60.2
55°	1328.1	1297.0	1261.1	1235.1	1058.3	577.7	223.9	73.8	61.1	59.8	58.0
57.5°	1526.5	1480.0	1439.4	1396.9	1164.7	561.9	183.9	68.6	60.7	58.9	56.5
60°	1729.3	1673.5	1621.7	1560.9	1273.2	546.0	156.0	67.9	61.7	58.9	55.2
62.5°	1834.7	1777.0	1714.7	1653.0	1320.0	508.8	136.7	68.8	63.9	59.8	55.2
65°	1810.5	1740.2	1676.9	1614.0	1265.8	438.4	115.6	70.0	68.2	63.5	56.1
67°	1689.0	1615.5	1554.7	1494.6	1144.8	367.2	99.3	71.3	72.8	67.9	58.0
67.5°	1646.2	1572.8	1512.8	1454.2	1109.1	352.3	95.2	71.9	73.8	69.1	58.6
70°	1364.9	1311.0	1247.4	1202.1	898.0	260.7	78.1	73.2	79.3	76.3	61.4
72.5°	982.3	930.9	883.1	858.0	661.4	182.3	65.8	71.9	82.8	80.3	62.6
75°	522.1	519.1	501.7	514.1	409.3	119.1	58.0	67.3	79.1	73.5	58.3
77.5°	105.4	108.6	127.4	125.6	132.1	66.3	49.6	57.7	61.1	54.0	47.4
80°	49.0	48.1	47.2	47.7	46.8	42.5	40.3	45.3	42.5	34.7	31.6
82.5°	30.4	29.8	28.8	28.6	31.6	33.8	35.3	35.6	28.2	24.2	23.3
85°	14.6	14.6	14.2	14.9	18.6	27.6	29.8	26.3	18.9	17.4	16.5
87.5°	2.8	2.8	3.1	2.8	3.7	6.5	7.4	8.7	7.2	7.4	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

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CANDELA DISTRIBUTION (continued):

	165°	175°	180°
0°	308.6	308.6	308.6
2.5°	299.3	298.6	298.6
5°	293.0	292.7	292.7
7.5°	291.4	291.8	291.4
10°	297.4	297.0	298.3
12.5°	310.4	311.4	311.0
15°	324.0	324.7	324.7
17.5°	328.1	325.9	325.6
20°	317.5	313.5	312.6
22.5°	297.7	290.2	290.5
25°	272.6	263.5	264.2
27.5°	243.4	233.8	233.5
30°	208.4	197.9	192.6
32.5°	166.2	153.5	153.5
35°	124.9	114.7	111.0
37.5°	94.9	89.0	87.2
40°	79.1	76.3	75.6
42.5°	71.9	71.0	70.7
45°	68.2	67.6	67.3
47.5°	64.8	64.5	64.2
50°	62.3	62.0	61.7
52.5°	60.2	59.5	59.3
55°	57.0	57.0	57.0
57.5°	55.2	55.2	54.9
60°	53.3	53.0	53.0
62.5°	51.8	51.2	51.4
65°	50.9	50.0	50.0
67°	50.2	48.4	48.4
67.5°	50.2	47.7	47.7
70°	49.3	45.3	44.7
72.5°	48.4	42.5	41.6
75°	45.9	40.3	39.3
77.5°	39.3	36.0	35.3
80°	30.4	26.3	27.0
82.5°	22.0	18.9	18.6
85°	15.8	13.7	13.7
87.5°	8.4	7.2	7.4
90°	0.0	0.0	0.0

(END OF REPORT)