

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: P181404

Luminaire Tested: **ICS-F03-LED-E1-T3-HSS**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181404
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: ICS-F03-LED-E1-T3-HSS
Description: ICON SITE SMALL LED LUMINAIRE
(3) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ HOUSE SIDE SHIELD
Light Source: (21) 4000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3634 lumens
Efficiency: N/A
Efficacy: 46.4 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.5' x L: 1' x H: 0.1')
IES Classification: Type III - Short - Non-Cutoff
BUG Rating: B0 - U0 - G1

Input Watts (W): 78.3
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

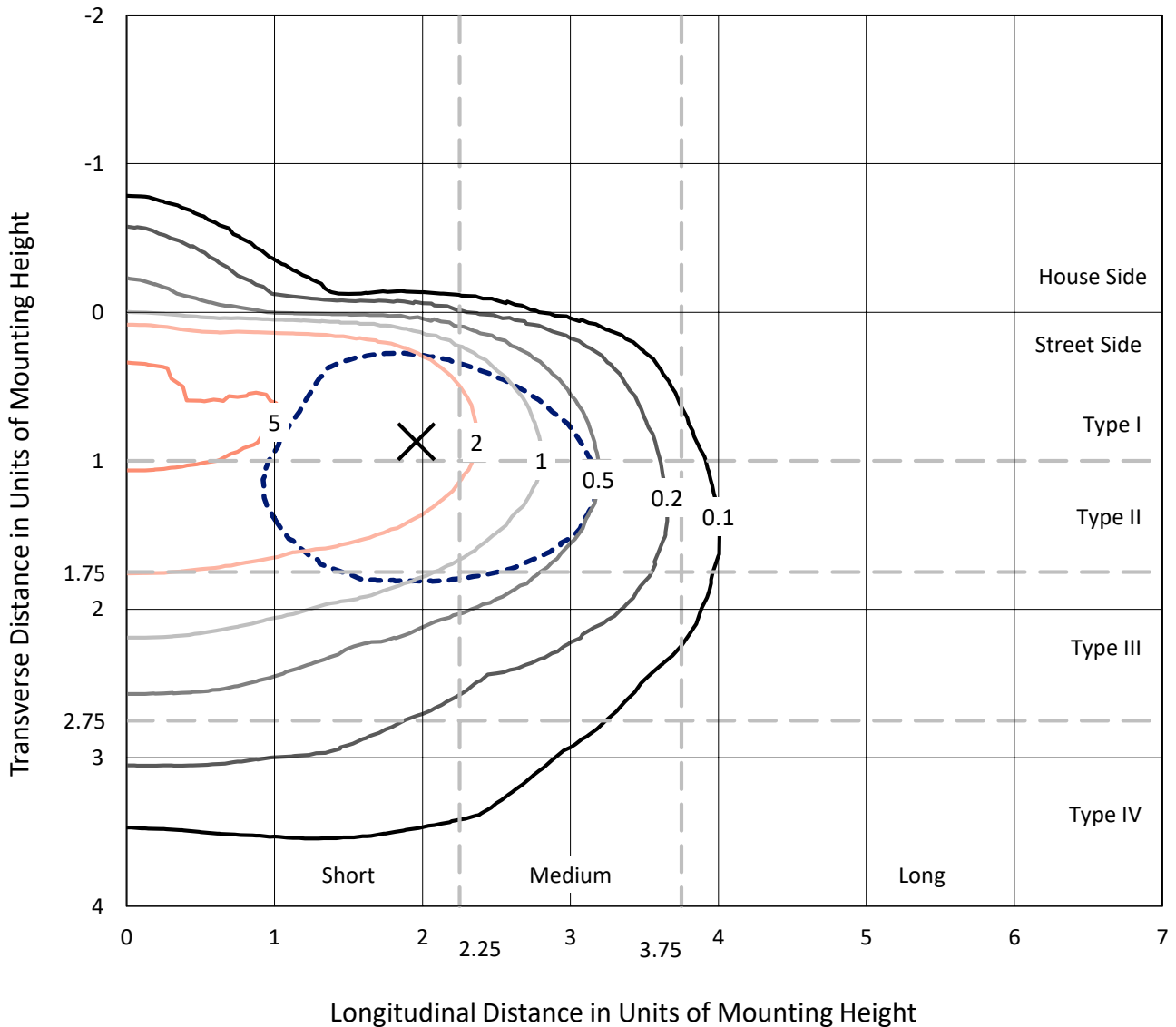


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Iso-Footcandle Lines of Horizontal Illumination

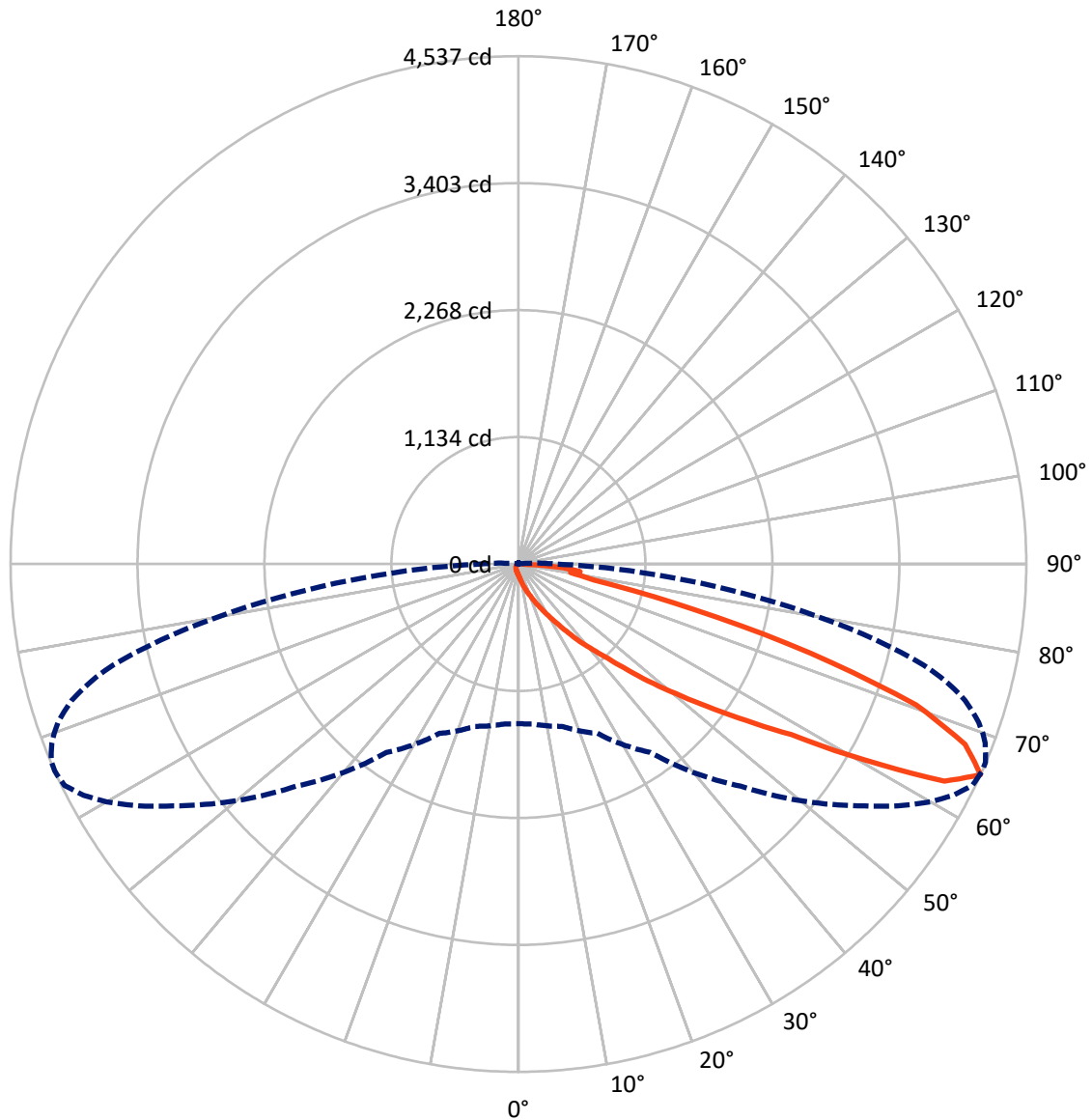
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 5.3 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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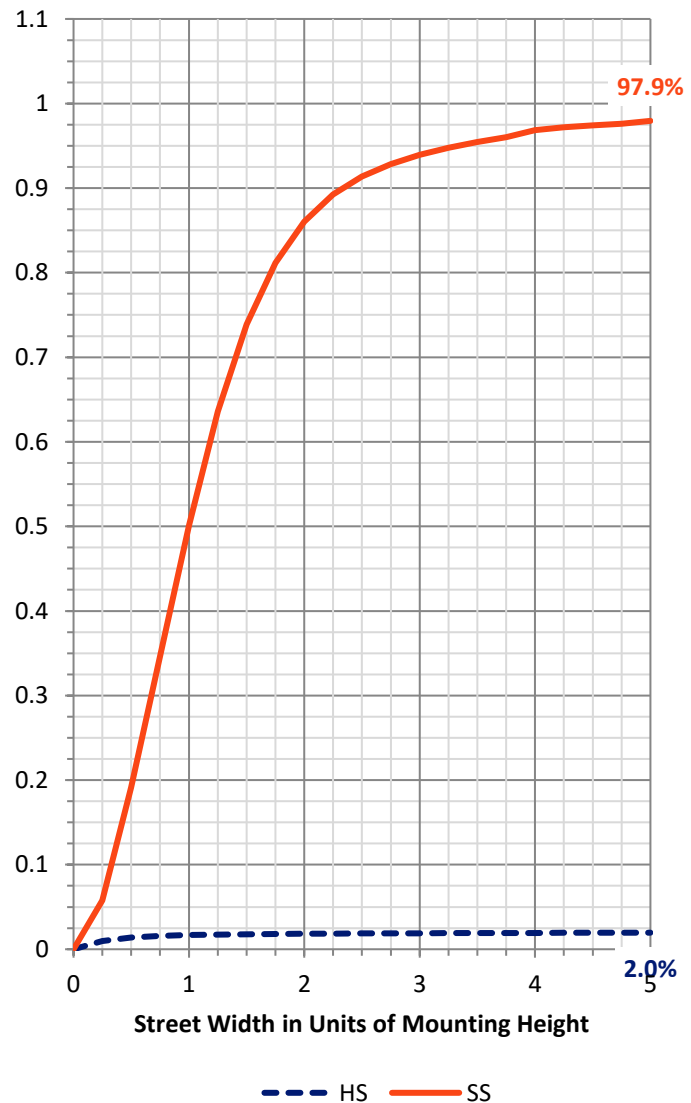
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	73.0	0.0	73.0
	% Fixture	2.0	0.0	2.0
Street Side	Lumens	3561.1	0.0	3561.1
	% Fixture	98.0	0.0	98.0
Total	Lumens	3634.0	0.0	3634.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	12.4	0.3
10°-20°	59.1	1.6
20°-30°	135.0	3.7
30°-40°	256.8	7.1
40°-50°	515.4	14.2
50°-60°	912.0	25.1
60°-70°	1191.6	32.8
70°-80°	490.0	13.5
80°-90°	61.7	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°	3634.0	100.0
0°-180°	3634.0	100.0



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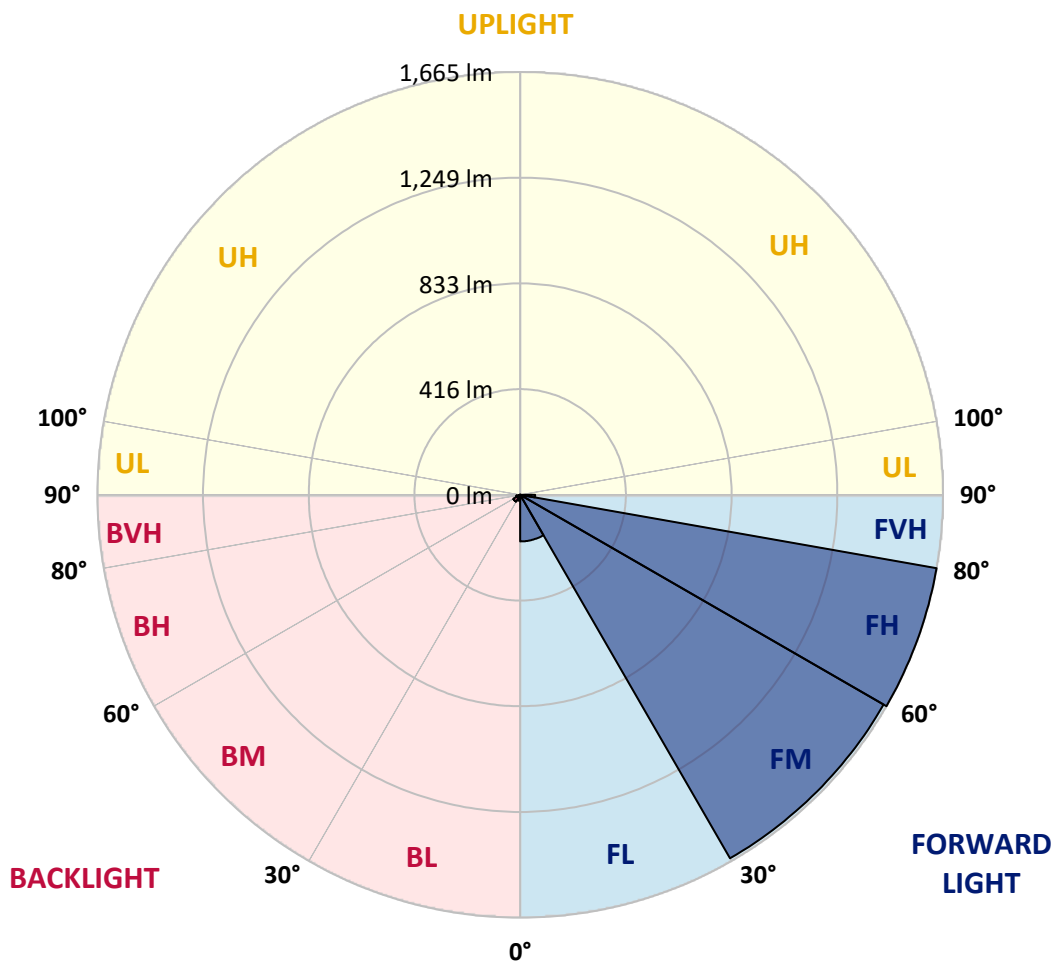
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	183.6	5.1			
FM	(30°-60°)	1653.0	45.5			
FH	(60°-80°)	1665.5	45.8			G1/1800
FVH	(80°-90°)	59.0	1.6			G1/100
BL	(0°-30°)	22.8	0.6	B0/110		
BM	(30°-60°)	31.2	0.9	B0/220		
BH	(60°-80°)	16.1	0.4	B0/110		G0/110
BVH	(80°-90°)	2.8	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-G1

Type III Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	56°	57°	58°	59°
0°	101.0	101.0	101.0	101.0	101.0	101.0	101.0	101.0	101.0	101.0	101.0
2.5°	133.7	131.5	132.3	127.8	124.8	121.1	118.1	117.4	116.7	115.2	115.9
5°	192.4	190.2	185.0	176.1	167.9	155.3	142.7	141.9	139.7	137.5	136.0
7.5°	267.5	263.8	257.8	243.0	222.9	200.6	175.4	173.1	170.1	167.2	164.2
10°	354.4	352.2	341.0	324.0	293.5	257.1	214.7	212.5	205.8	202.1	199.1
12.5°	445.8	436.1	431.7	402.0	367.0	317.3	263.0	254.9	249.7	244.5	237.0
15°	514.9	516.4	506.0	482.2	441.3	383.4	315.8	306.9	299.4	289.8	280.9
17.5°	577.3	574.3	563.2	548.3	509.7	451.0	372.2	360.4	348.5	343.3	330.6
20°	627.8	626.4	617.4	603.3	573.6	517.1	431.7	422.0	408.7	399.7	385.6
22.5°	668.0	668.0	662.8	654.6	625.6	580.3	494.8	484.4	471.1	459.9	444.3
25°	699.9	699.2	699.9	696.2	676.9	635.3	559.5	547.6	536.5	523.1	508.2
27.5°	736.3	737.8	736.3	734.1	725.9	692.5	624.9	616.7	604.1	590.0	575.1
30°	792.8	788.3	787.6	786.1	776.4	755.6	692.5	682.8	673.2	663.5	653.1
32.5°	852.2	844.8	842.6	842.6	835.9	817.3	770.5	765.3	751.2	743.8	734.8
35°	919.8	916.9	913.9	914.6	911.7	892.4	853.7	855.2	850.7	835.9	827.0
37.5°	1018.7	1019.4	1014.2	1004.6	1004.6	987.5	965.2	962.2	951.1	947.3	942.1
40°	1159.8	1156.1	1151.7	1137.6	1132.4	1103.4	1082.6	1075.1	1066.2	1065.5	1059.5
42.5°	1323.3	1318.8	1318.8	1308.4	1298.0	1263.1	1223.7	1218.5	1208.9	1211.9	1209.6
45°	1474.9	1478.6	1483.8	1491.2	1492.7	1477.9	1420.6	1414.0	1408.8	1405.8	1403.6
47.5°	1605.7	1612.3	1629.4	1661.4	1702.2	1707.4	1662.1	1644.3	1640.6	1635.4	1630.9
50°	1699.3	1708.9	1747.6	1810.0	1889.5	1938.5	1914.0	1899.1	1898.4	1884.3	1882.8
52.5°	1752.8	1763.2	1826.3	1920.7	2044.0	2139.9	2170.3	2169.6	2168.1	2155.5	2150.3
55°	1764.7	1775.8	1851.6	1980.1	2156.2	2321.9	2438.6	2441.5	2448.2	2444.5	2444.5
57.5°	1732.0	1746.1	1828.6	1987.6	2214.9	2466.1	2720.9	2738.0	2746.2	2775.2	2808.6
60°	1671.8	1682.2	1764.7	1942.2	2225.3	2597.6	3088.0	3142.2	3184.6	3241.8	3296.0
62.5°	1560.3	1581.1	1659.9	1853.1	2194.1	2749.1	3526.3	3626.6	3709.1	3796.1	3900.8
65°	1425.1	1434.0	1500.9	1669.5	2054.4	2807.1	3768.6	3866.6	3972.1	4065.0	4158.6
67.5°	1255.7	1263.1	1321.1	1393.1	1695.6	2535.9	3530.1	3638.5	3733.6	3810.2	3932.8
70°	822.5	838.9	980.8	1052.1	1185.1	1874.6	2886.6	2991.4	3064.2	3116.2	3258.1
72.5°	602.6	613.0	670.2	817.3	850.0	1107.8	2031.4	2145.1	2171.8	2269.9	2336.0
75°	367.8	393.8	523.1	699.9	828.5	758.6	1217.1	1272.0	1333.7	1405.0	1468.2
77.5°	74.3	84.7	170.9	482.2	728.9	810.6	726.7	737.1	767.5	774.2	798.0
80°	11.9	12.6	22.3	208.0	422.0	655.3	726.7	717.0	699.9	688.0	676.1
82.5°	5.2	5.9	9.7	52.8	89.9	218.4	628.6	677.6	734.1	765.3	773.5
85°	2.2	2.2	3.7	10.4	13.4	14.9	106.3	140.4	250.4	332.9	383.4
87.5°	1.5	1.5	2.2	2.2	3.0	3.7	5.2	5.2	5.9	6.7	9.7
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°	101.0	101.0	101.0	101.0	101.0	101.0	101.0	101.0	101.0	101.0	101.0
2.5°	115.9	115.2	115.2	112.9	112.9	112.2	112.2	111.5	111.5	110.0	110.7
5°	135.2	133.7	132.3	130.0	129.3	127.8	126.3	124.1	123.3	121.9	121.1
7.5°	161.2	159.7	156.8	152.3	149.3	146.4	143.4	140.4	138.2	136.0	134.5
10°	193.2	188.7	187.2	178.3	174.6	168.7	164.9	162.0	157.5	153.8	151.6
12.5°	231.8	228.1	220.7	208.8	202.8	197.6	191.0	185.0	180.6	173.9	169.4
15°	271.9	269.0	258.6	245.2	237.8	228.1	221.4	215.5	205.8	201.4	193.2
17.5°	322.5	313.6	303.1	283.8	274.2	266.0	254.1	245.2	239.3	225.9	218.4
20°	374.5	364.8	351.4	329.9	316.5	303.9	294.2	282.3	269.7	260.8	248.2
22.5°	433.9	418.3	407.9	381.2	365.6	352.2	335.8	323.2	310.6	296.5	282.3
25°	497.1	481.5	468.8	438.4	422.0	408.7	389.3	371.5	355.9	340.3	324.0
27.5°	563.2	549.1	535.0	503.8	489.6	471.1	453.2	432.4	412.4	398.3	376.0
30°	639.7	627.8	612.2	578.8	563.2	543.9	525.3	500.8	481.5	462.2	440.6
32.5°	722.2	712.5	696.2	666.5	647.9	631.6	611.5	587.7	560.2	540.2	514.9
35°	822.5	806.2	796.5	768.3	754.2	736.3	715.5	694.7	665.7	637.5	616.0
37.5°	936.9	929.5	916.9	890.1	879.7	861.2	847.8	827.0	804.7	769.0	746.0
40°	1054.3	1049.1	1038.0	1011.2	1000.8	988.2	972.6	952.5	925.8	907.2	873.0
42.5°	1203.7	1195.5	1186.6	1161.3	1141.3	1125.7	1119.0	1101.9	1073.7	1049.9	1023.1
45°	1393.1	1389.4	1377.5	1352.3	1332.2	1321.8	1311.4	1282.4	1263.9	1240.1	1221.5
47.5°	1622.0	1610.1	1604.2	1575.9	1569.2	1561.1	1534.3	1518.0	1491.2	1472.7	1449.6
50°	1869.4	1856.8	1857.5	1823.4	1824.8	1818.9	1798.8	1779.5	1756.5	1740.1	1726.0
52.5°	2135.4	2141.4	2126.5	2136.9	2125.0	2111.6	2107.9	2084.2	2064.1	2063.3	2044.0
55°	2462.3	2452.7	2456.4	2466.8	2450.5	2465.3	2457.9	2427.4	2428.2	2434.1	2411.8
57.5°	2813.8	2827.9	2858.4	2865.1	2893.3	2874.0	2924.5	2888.1	2910.4	2910.4	2895.5
60°	3329.4	3385.9	3459.5	3516.7	3569.4	3552.3	3618.5	3576.9	3606.6	3581.3	3568.7
62.5°	3950.6	4025.6	4112.6	4205.5	4258.9	4272.3	4262.7	4281.2	4252.3	4233.7	4185.4
65°	4249.3	4323.6	4399.4	4510.8	4525.7	4536.8	4532.4	4501.2	4465.5	4412.8	4349.6
67.5°	4001.1	4105.1	4147.5	4276.0	4319.1	4303.5	4308.7	4268.6	4212.9	4160.9	4068.0
70°	3317.6	3436.4	3458.7	3643.0	3694.3	3768.6	3741.8	3729.9	3669.0	3625.2	3522.6
72.5°	2415.5	2508.4	2501.0	2708.3	2699.4	2729.8	2801.9	2798.9	2735.0	2720.9	2634.7
75°	1486.8	1542.5	1539.5	1686.6	1625.0	1616.1	1636.1	1627.2	1567.0	1504.6	1451.1
77.5°	787.6	812.9	786.1	742.3	737.8	688.0	673.9	673.2	627.1	570.6	529.0
80°	663.5	637.5	606.3	542.4	505.2	471.8	440.6	411.6	380.4	338.8	288.3
82.5°	775.0	762.3	740.0	659.8	621.2	554.3	504.5	457.7	400.5	357.4	292.7
85°	377.5	376.7	394.5	386.4	372.2	369.3	320.2	309.8	286.8	263.0	219.9
87.5°	10.4	7.4	8.9	7.4	8.9	9.7	6.7	15.6	9.7	8.9	10.4
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°	101.0	101.0	101.0	101.0	101.0	101.0	101.0	101.0	101.0	101.0	101.0
2.5°	110.0	109.2	108.5	108.5	107.7	107.7	107.0	106.3	106.3	105.5	105.5
5°	119.6	118.1	117.4	116.7	115.2	114.4	112.9	112.2	110.7	110.0	108.5
7.5°	131.5	130.0	127.1	125.6	123.3	122.6	118.9	117.4	115.9	114.4	112.2
10°	146.4	142.7	139.7	136.7	133.0	130.0	127.1	124.8	121.9	118.1	116.7
12.5°	164.9	159.7	155.3	150.1	145.6	141.2	136.0	132.3	127.8	124.1	120.4
15°	185.8	178.3	172.4	164.9	157.5	152.3	147.1	141.9	136.0	130.8	126.3
17.5°	209.5	199.9	191.7	182.8	174.6	167.2	158.3	151.6	144.9	137.5	131.5
20°	234.8	225.1	214.0	204.3	192.4	184.3	173.1	164.2	154.5	147.1	138.9
22.5°	268.2	255.6	241.5	228.1	215.5	202.8	191.0	179.8	167.9	156.8	148.6
25°	307.6	292.0	274.2	260.8	243.0	228.8	214.0	199.9	187.2	173.1	159.7
27.5°	356.6	335.8	316.5	297.9	278.6	260.8	241.5	225.1	208.0	191.7	176.8
30°	413.9	393.8	364.8	344.0	324.7	300.2	280.9	259.3	240.0	216.2	199.9
32.5°	489.6	463.6	433.2	405.7	380.4	352.9	326.2	298.7	273.4	251.9	227.4
35°	588.5	558.0	521.6	486.7	458.4	425.0	390.8	359.6	330.6	299.4	269.0
37.5°	713.3	685.1	645.7	603.3	565.4	525.3	489.6	445.8	407.2	369.3	330.6
40°	837.4	811.4	770.5	725.2	676.1	630.1	584.8	535.0	485.9	438.4	398.3
42.5°	990.4	951.8	908.0	856.7	809.1	754.2	697.7	640.5	581.8	524.6	467.4
45°	1182.9	1153.2	1091.5	1036.5	980.0	915.4	845.5	780.2	705.1	637.5	561.7
47.5°	1416.9	1363.4	1318.1	1267.6	1197.0	1134.6	1045.4	968.1	874.5	784.6	694.0
50°	1693.3	1663.6	1603.4	1540.3	1463.7	1389.4	1302.5	1191.0	1078.9	983.0	858.9
52.5°	2016.5	1974.2	1936.3	1870.9	1792.9	1697.8	1599.0	1477.9	1340.4	1205.2	1072.9
55°	2399.9	2370.2	2333.8	2281.8	2182.2	2074.5	1955.6	1810.7	1648.0	1466.0	1312.2
57.5°	2894.8	2863.6	2828.6	2721.7	2654.0	2521.8	2349.4	2199.3	2024.0	1790.7	1599.7
60°	3570.2	3527.8	3478.8	3391.9	3250.7	3079.0	2894.0	2671.9	2457.1	2202.3	1951.9
62.5°	4147.5	4079.9	3975.1	3862.9	3693.5	3496.6	3264.1	3002.5	2758.1	2471.3	2192.6
65°	4266.4	4173.5	4050.2	3903.8	3729.2	3507.0	3264.1	3013.7	2726.1	2456.4	2176.3
67.5°	3957.3	3849.5	3723.2	3559.8	3393.3	3164.5	2955.0	2700.1	2429.7	2196.3	1946.0
70°	3449.1	3289.3	3160.0	2986.2	2817.5	2637.7	2417.0	2226.1	2006.1	1791.4	1599.7
72.5°	2590.1	2432.6	2315.2	2176.3	2076.0	1885.8	1723.8	1581.1	1451.1	1290.6	1148.7
75°	1396.1	1278.0	1199.2	1136.1	1046.2	920.6	843.3	745.2	690.3	623.4	558.7
77.5°	455.5	401.2	342.5	285.3	245.2	184.3	178.3	141.9	133.7	130.0	100.3
80°	233.3	179.8	130.0	93.6	71.3	63.2	60.2	57.2	54.2	52.0	48.3
82.5°	234.0	169.4	116.7	81.0	58.7	49.0	46.1	44.6	42.4	40.1	37.2
85°	170.9	126.3	86.9	59.4	40.9	32.7	31.2	29.0	27.5	26.7	23.8
87.5°	11.1	8.2	7.4	6.7	6.7	6.7	7.4	6.7	7.4	7.4	6.7
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):

	83°	84°	85°	86°	87°	88°	89°	90°	95°	105°	115°
0°	101.0	101.0	101.0	101.0	101.0	101.0	101.0	101.0	101.0	101.0	101.0
2.5°	104.8	104.0	104.0	103.3	102.5	102.5	101.8	101.8	99.6	95.8	92.9
5°	107.7	106.3	105.5	104.8	104.0	102.5	101.8	101.0	97.3	89.9	84.0
7.5°	110.0	108.5	107.7	106.3	104.0	103.3	101.8	100.3	94.4	84.0	77.3
10°	113.7	111.5	109.2	107.0	104.8	103.3	101.0	99.6	90.6	78.8	72.1
12.5°	117.4	114.4	111.5	107.7	105.5	103.3	101.0	98.1	87.7	74.3	66.9
15°	121.9	117.4	113.7	110.0	106.3	103.3	99.6	97.3	84.7	70.6	63.9
17.5°	126.3	121.1	115.9	110.7	107.0	102.5	99.6	95.8	81.7	67.6	60.2
20°	131.5	124.1	118.9	112.9	107.7	102.5	98.1	94.4	78.8	63.9	56.5
22.5°	138.9	130.0	121.9	115.2	108.5	103.3	98.1	92.9	75.8	60.9	53.5
25°	148.6	137.5	127.8	119.6	111.5	104.8	98.8	93.6	73.6	58.7	49.8
27.5°	162.7	148.6	138.2	127.1	116.7	108.5	101.0	95.1	72.1	56.5	47.6
30°	179.8	165.7	149.3	136.0	124.8	113.7	105.5	96.6	70.6	54.2	44.6
32.5°	205.1	185.0	165.7	149.3	133.7	121.1	109.2	100.3	69.8	50.5	41.6
35°	241.5	214.0	191.0	169.4	147.9	132.3	118.1	106.3	69.1	47.6	38.6
37.5°	293.5	260.8	231.1	200.6	173.9	151.6	132.3	116.7	69.1	45.3	35.7
40°	349.2	306.9	269.0	231.1	196.9	168.7	142.7	123.3	67.6	42.4	32.7
42.5°	412.4	360.4	308.4	261.5	219.2	182.8	152.3	128.5	63.9	39.4	29.7
45°	497.1	428.7	366.3	306.1	251.1	203.6	164.9	134.5	60.2	37.2	26.7
47.5°	603.3	523.8	442.8	367.0	295.0	234.8	183.5	144.1	58.0	34.2	24.5
50°	761.6	648.7	541.7	445.1	353.7	274.9	211.0	158.3	55.7	31.9	22.3
52.5°	935.5	796.5	670.9	546.9	433.2	329.2	243.0	176.8	53.5	29.7	20.1
55°	1147.2	976.3	823.3	662.0	516.4	392.3	282.3	197.6	50.5	27.5	18.6
57.5°	1408.8	1192.5	1011.2	814.3	631.6	474.0	335.1	232.6	47.6	24.5	16.3
60°	1700.8	1456.3	1228.2	997.1	775.7	582.5	413.1	282.3	44.6	21.5	14.1
62.5°	1911.0	1642.8	1382.0	1122.7	879.7	663.5	476.3	321.0	40.1	18.6	12.6
65°	1908.8	1636.9	1374.6	1119.0	882.7	666.5	478.5	328.4	35.7	16.3	11.1
67.5°	1700.8	1471.9	1237.9	1008.3	801.7	606.3	442.8	304.6	30.5	14.9	9.7
70°	1399.1	1217.1	1032.0	850.0	684.3	519.4	382.7	265.3	26.0	13.4	8.2
72.5°	1021.6	888.6	775.7	647.2	534.2	410.1	305.4	208.0	20.8	11.1	7.4
75°	507.5	454.0	389.3	349.2	297.9	243.7	189.5	121.1	17.1	8.9	6.7
77.5°	96.6	86.2	82.5	71.3	65.4	58.0	51.3	36.4	13.4	6.7	5.9
80°	44.6	40.9	37.2	33.4	29.7	25.3	22.3	19.3	10.4	5.2	6.7
82.5°	34.9	31.9	28.2	25.3	22.3	19.3	16.3	14.1	6.7	4.5	6.7
85°	23.0	20.1	17.8	15.6	13.4	11.9	10.4	8.9	4.5	4.5	4.5
87.5°	6.7	6.7	5.9	5.9	5.2	5.2	4.5	4.5	3.7	3.7	3.7
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):

	125°	135°	145°	155°	165°	175°	180°
0°	101.0	101.0	101.0	101.0	101.0	101.0	101.0
2.5°	89.9	86.2	84.7	84.0	84.0	84.7	84.0
5°	79.5	75.8	74.3	72.8	72.8	72.8	73.6
7.5°	72.8	69.1	66.9	66.1	65.4	66.1	66.1
10°	66.9	63.9	60.9	59.4	59.4	59.4	59.4
12.5°	62.4	58.7	55.7	55.0	54.2	54.2	54.2
15°	58.7	54.2	52.0	50.5	49.8	49.8	50.5
17.5°	54.2	50.5	47.6	46.8	46.8	46.8	46.8
20°	51.3	46.8	44.6	43.1	43.1	43.1	43.1
22.5°	47.6	43.8	40.9	39.4	39.4	39.4	39.4
25°	44.6	40.9	37.9	36.4	36.4	36.4	36.4
27.5°	41.6	37.9	34.9	33.4	33.4	33.4	33.4
30°	38.6	34.9	31.9	30.5	30.5	30.5	30.5
32.5°	36.4	31.9	29.0	27.5	27.5	28.2	27.5
35°	32.7	29.0	26.0	24.5	24.5	24.5	24.5
37.5°	29.7	26.0	23.0	21.5	21.5	21.5	20.8
40°	27.5	23.0	20.1	18.6	17.8	17.8	17.8
42.5°	23.8	19.3	17.1	15.6	14.9	14.9	14.9
45°	21.5	17.1	14.1	12.6	12.6	12.6	12.6
47.5°	19.3	14.9	11.9	10.4	10.4	11.1	11.1
50°	17.1	12.6	9.7	9.7	9.7	10.4	10.4
52.5°	14.9	11.1	8.9	8.9	9.7	10.4	10.4
55°	13.4	9.7	8.2	8.9	9.7	10.4	10.4
57.5°	11.9	8.2	8.2	8.9	9.7	10.4	10.4
60°	10.4	7.4	7.4	8.2	9.7	10.4	10.4
62.5°	8.9	7.4	7.4	8.2	9.7	10.4	10.4
65°	8.2	7.4	7.4	8.2	9.7	10.4	10.4
67.5°	7.4	6.7	7.4	8.2	8.9	9.7	9.7
70°	6.7	6.7	7.4	8.2	8.9	9.7	9.7
72.5°	6.7	6.7	6.7	7.4	8.2	8.9	8.9
75°	6.7	6.7	6.7	7.4	8.2	8.9	8.9
77.5°	6.7	5.9	5.9	6.7	8.2	8.9	8.9
80°	6.7	5.9	5.9	6.7	7.4	8.9	8.9
82.5°	5.2	5.2	5.9	6.7	7.4	8.2	8.2
85°	4.5	5.2	5.2	5.9	6.7	8.2	8.2
87.5°	3.7	3.7	4.5	5.2	5.9	6.7	6.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)