

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: P181327

Luminaire Tested: **ICM-E02-LED-E1-T3-HSS-8030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181327
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-E02-LED-E1-T3-HSS-8030
Description: ICON SITE MEDIUM LED LUMINAIRE
(2) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ HOUSE SIDE SHIELD
Light Source: (42) 3000K CCT, 80 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2560 lumens
Efficiency: N/A
Efficacy: 49.1 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 1' x H: 0.1')
IES Classification: Type III - Short - Non-Cutoff
BUG Rating: B0 - U0 - G1

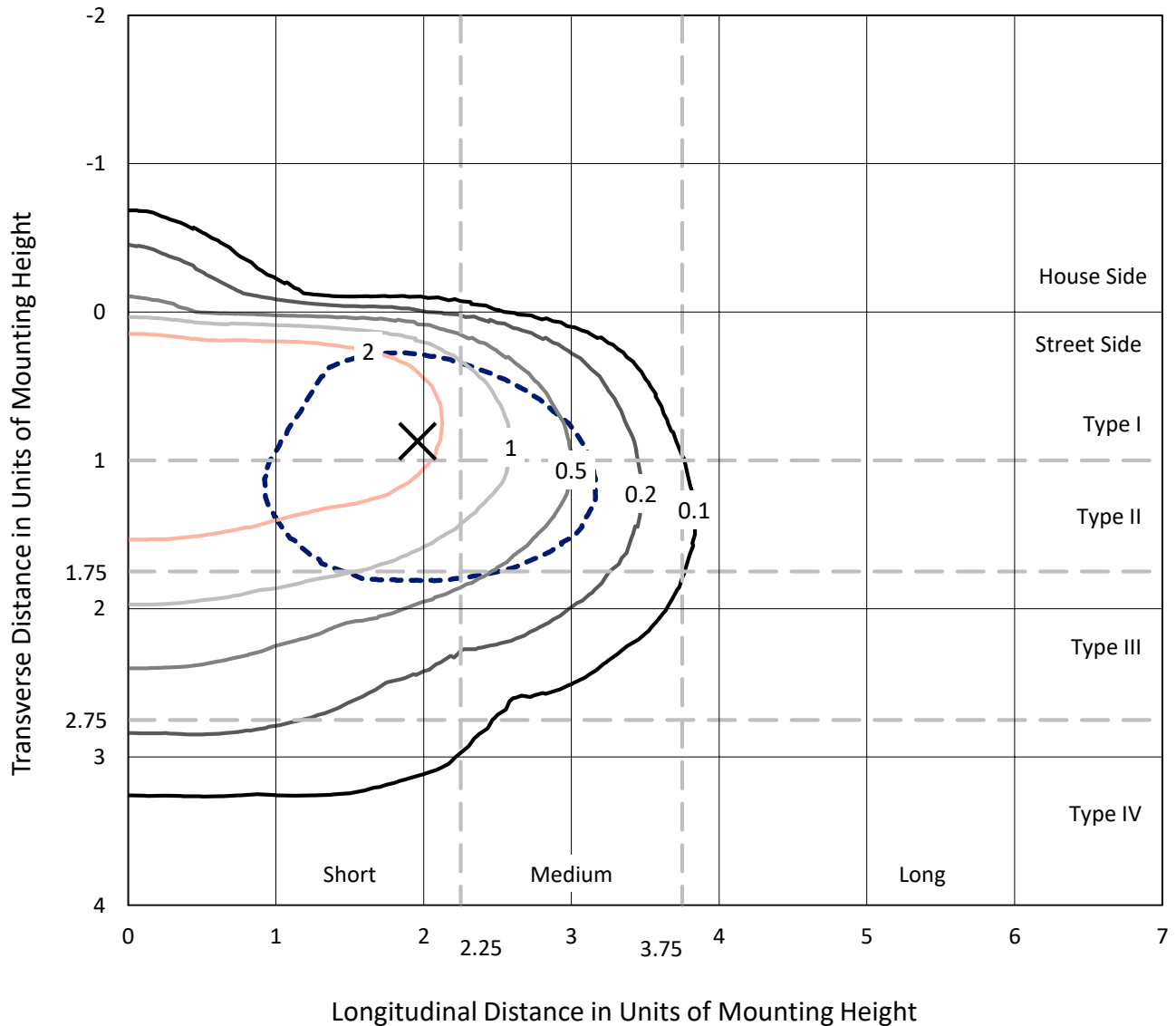
Input Watts (W): 52.1
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

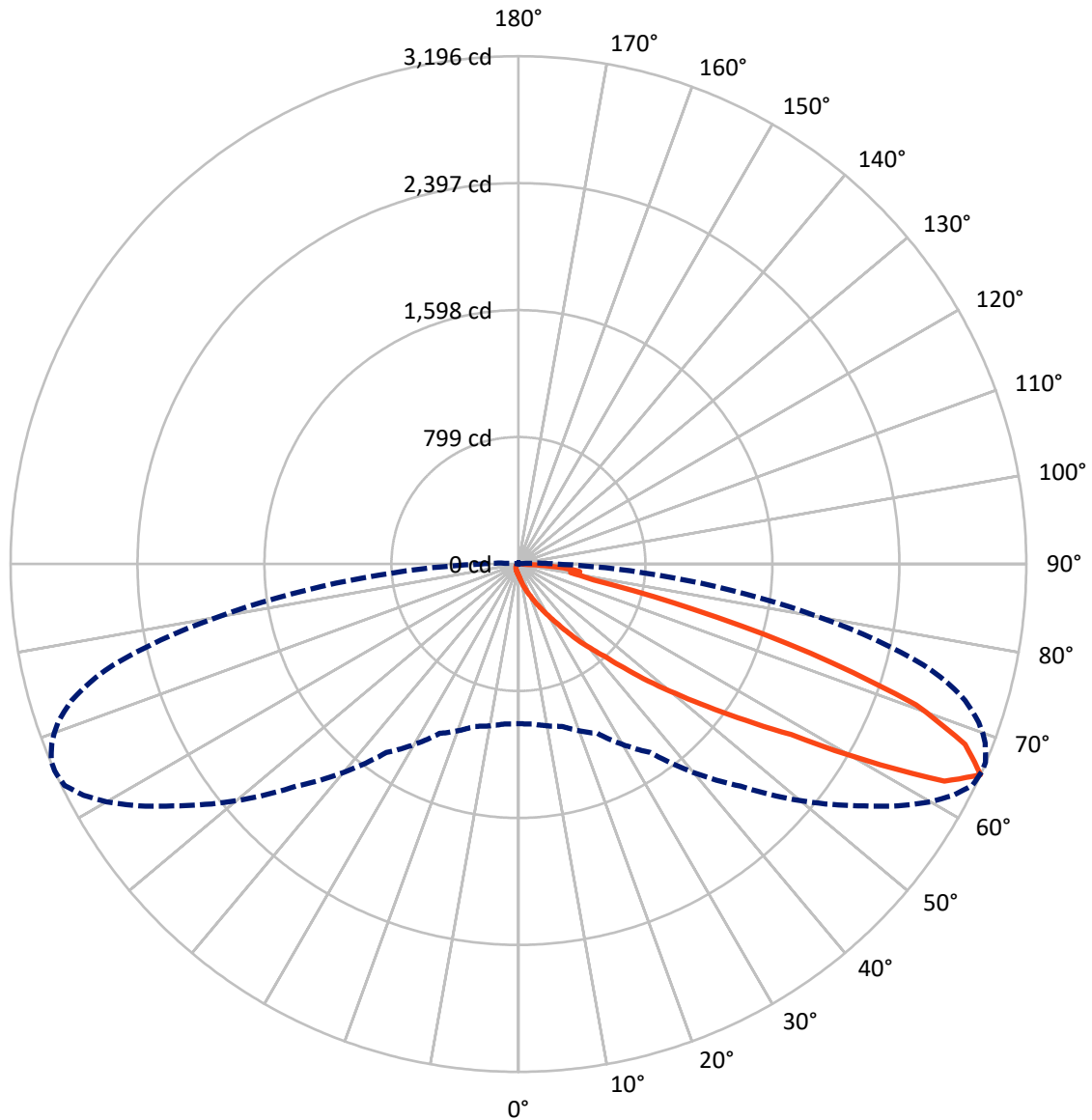
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 3.7 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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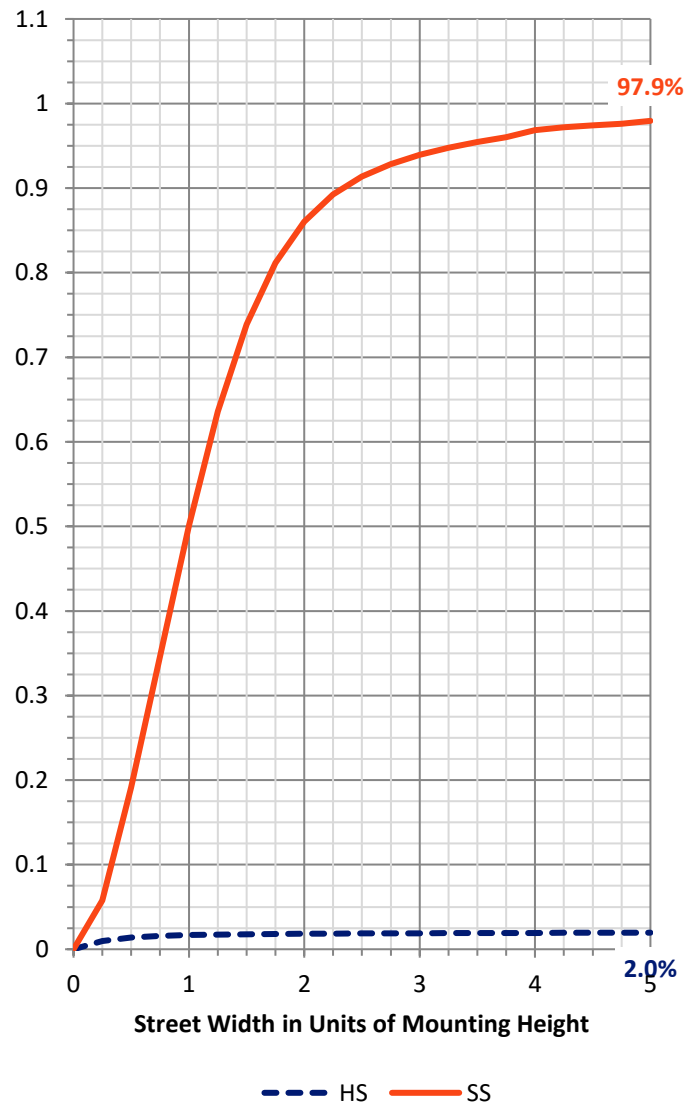
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	51.4	0.0	51.4
	% Fixture	2.0	0.0	2.0
Street Side	Lumens	2508.6	0.0	2508.6
	% Fixture	98.0	0.0	98.0
Total	Lumens	2560.0	0.0	2560.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.7	0.3
10°-20°	41.6	1.6
20°-30°	95.1	3.7
30°-40°	180.9	7.1
40°-50°	363.1	14.2
50°-60°	642.5	25.1
60°-70°	839.4	32.8
70°-80°	345.1	13.5
80°-90°	43.5	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°	2560.0	100.0
0°-180°	2560.0	100.0



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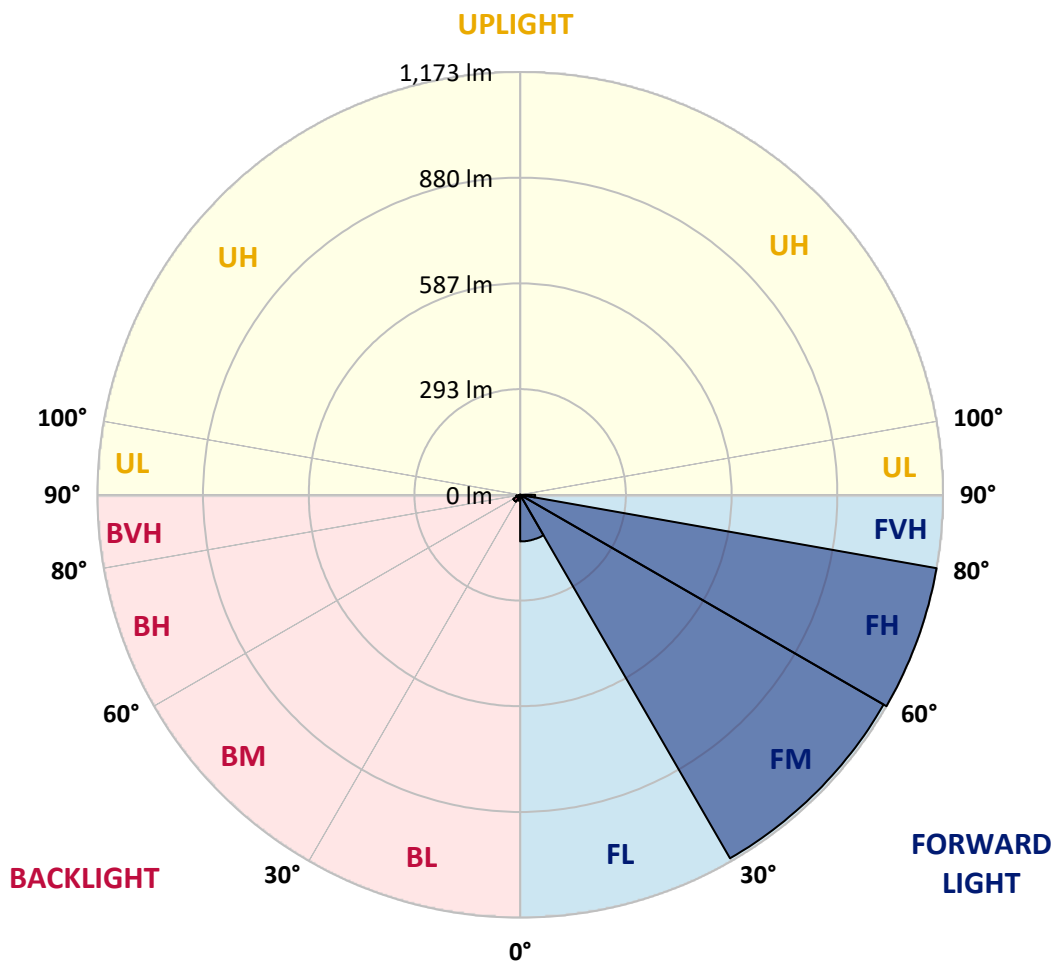
CATALOG NUMBER: ICM-E02-LED-E1-T3-HSS-8030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	129.3	5.1			
FM	(30°-60°)	1164.5	45.5			
FH	(60°-80°)	1173.2	45.8			G1/1800
FVH	(80°-90°)	41.5	1.6			G1/100
BL	(0°-30°)	16.1	0.6	B0/110		
BM	(30°-60°)	22.0	0.9	B0/220		
BH	(60°-80°)	11.4	0.4	B0/110		G0/110
BVH	(80°-90°)	1.9	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-G1

Type III Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	56°	57°	58°	59°
0°	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
2.5°	94.2	92.7	93.2	90.0	87.9	85.3	83.3	82.7	82.1	81.1	81.7
5°	135.5	134.0	130.3	124.1	118.3	109.4	100.5	100.0	98.4	96.8	95.8
7.5°	188.5	185.8	181.6	171.2	157.0	141.3	123.5	122.0	119.8	117.8	115.6
10°	249.7	248.1	240.3	228.2	206.8	181.1	151.3	149.7	145.0	142.3	140.3
12.5°	314.0	307.3	304.1	283.2	258.6	223.5	185.3	179.5	175.9	172.2	167.0
15°	362.7	363.7	356.5	339.7	310.9	270.0	222.4	216.2	211.0	204.1	197.9
17.5°	406.7	404.6	396.7	386.2	359.1	317.7	262.2	253.9	245.5	241.8	232.9
20°	442.2	441.2	435.0	425.0	404.1	364.3	304.1	297.3	287.9	281.6	271.6
22.5°	470.5	470.5	466.9	461.1	440.7	408.7	348.6	341.3	331.8	324.0	313.0
25°	493.0	492.6	493.0	490.4	476.8	447.5	394.1	385.8	377.9	368.5	358.0
27.5°	518.7	519.7	518.7	517.1	511.4	487.8	440.2	434.4	425.5	415.6	405.1
30°	558.5	555.4	554.8	553.8	547.0	532.3	487.8	481.0	474.2	467.4	460.1
32.5°	600.4	595.1	593.6	593.6	588.8	575.7	542.8	539.1	529.1	523.9	517.7
35°	648.0	645.9	643.8	644.3	642.2	628.7	601.4	602.4	599.3	588.8	582.5
37.5°	717.6	718.1	714.4	707.6	707.6	695.6	679.9	677.8	670.0	667.4	663.7
40°	817.0	814.4	811.3	801.3	797.7	777.3	762.6	757.4	751.1	750.6	746.4
42.5°	932.2	929.0	929.0	921.7	914.4	889.8	862.1	858.4	851.5	853.7	852.1
45°	1039.0	1041.6	1045.2	1050.5	1051.5	1041.0	1000.8	996.0	992.4	990.3	988.8
47.5°	1131.1	1135.8	1147.8	1170.3	1199.2	1202.8	1170.9	1158.3	1155.7	1152.0	1148.8
50°	1197.0	1203.8	1231.1	1275.0	1331.0	1365.6	1348.3	1337.9	1337.3	1327.4	1326.3
52.5°	1234.7	1242.1	1286.5	1353.0	1439.9	1507.5	1528.8	1528.4	1527.3	1518.4	1514.7
55°	1243.1	1251.0	1304.4	1394.9	1518.9	1635.6	1717.9	1719.9	1724.7	1722.1	1722.1
57.5°	1220.1	1230.1	1288.1	1400.1	1560.3	1737.2	1916.8	1928.8	1934.5	1954.9	1978.5
60°	1177.7	1185.0	1243.1	1368.2	1567.6	1829.9	2175.3	2213.5	2243.4	2283.6	2321.9
62.5°	1099.2	1113.8	1169.3	1305.4	1545.6	1936.6	2484.1	2554.7	2612.9	2674.1	2747.9
65°	1003.9	1010.1	1057.3	1176.1	1447.3	1977.4	2654.7	2723.8	2798.2	2863.6	2929.5
67.5°	884.6	889.8	930.6	981.4	1194.4	1786.4	2486.7	2563.1	2630.2	2684.0	2770.4
70°	579.4	590.9	690.9	741.1	834.8	1320.6	2033.4	2107.3	2158.5	2195.2	2295.2
72.5°	424.5	431.8	472.1	575.7	598.8	780.4	1431.0	1511.1	1530.0	1599.0	1645.6
75°	259.1	277.4	368.5	493.0	583.6	534.4	857.3	896.1	939.5	989.8	1034.2
77.5°	52.4	59.6	120.4	339.7	513.5	571.1	511.9	519.3	540.7	545.4	562.1
80°	8.4	8.9	15.7	146.5	297.3	461.7	511.9	505.1	493.0	484.7	476.3
82.5°	3.6	4.2	6.8	37.1	63.3	153.9	442.8	477.3	517.1	539.1	544.8
85°	1.6	1.6	2.6	7.3	9.4	10.5	74.9	98.9	176.4	234.5	270.0
87.5°	1.0	1.0	1.6	1.6	2.1	2.6	3.6	3.6	4.2	4.7	6.8
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):

	60°	61°	62°	64°	65°	66°	67°	68°	69°	70°	71°
0°	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
2.5°	81.7	81.1	81.1	79.5	79.5	79.1	79.1	78.5	78.5	77.5	78.0
5°	95.3	94.2	93.2	91.6	91.1	90.0	89.0	87.4	86.9	85.9	85.3
7.5°	113.6	112.6	110.4	107.3	105.2	103.1	101.0	98.9	97.4	95.8	94.7
10°	136.1	132.9	131.9	125.6	123.0	118.8	116.2	114.1	111.0	108.4	106.8
12.5°	163.3	160.7	155.4	147.1	142.9	139.3	134.5	130.3	127.2	122.5	119.3
15°	191.5	189.5	182.1	172.7	167.5	160.7	156.0	151.8	145.0	141.9	136.1
17.5°	227.2	220.8	213.6	199.9	193.1	187.3	179.0	172.7	168.6	159.1	153.9
20°	263.8	257.0	247.5	232.4	223.0	214.0	207.3	198.9	190.0	183.7	174.8
22.5°	305.7	294.7	287.4	268.5	257.5	248.1	236.6	227.7	218.8	208.8	198.9
25°	350.1	339.2	330.2	308.8	297.3	287.9	274.2	261.7	250.7	239.7	228.2
27.5°	396.7	386.8	376.8	354.9	344.9	331.8	319.3	304.7	290.5	280.6	264.8
30°	450.7	442.2	431.3	407.7	396.7	383.2	370.0	352.7	339.2	325.6	310.4
32.5°	508.7	502.0	490.4	469.5	456.4	444.9	430.8	414.0	394.6	380.6	362.7
35°	579.4	567.9	561.1	541.2	531.3	518.7	504.0	489.4	468.9	449.1	433.9
37.5°	660.0	654.8	645.9	627.1	619.7	606.6	597.2	582.5	566.9	541.8	525.5
40°	742.7	739.1	731.2	712.4	705.0	696.1	685.1	671.0	652.2	639.1	615.0
42.5°	847.9	842.1	835.9	818.1	803.9	792.9	788.3	776.2	756.3	739.5	720.7
45°	981.4	978.8	970.4	952.6	938.5	931.2	923.8	903.4	890.3	873.6	860.5
47.5°	1142.6	1134.2	1130.1	1110.1	1105.4	1099.6	1080.8	1069.3	1050.5	1037.4	1021.2
50°	1316.9	1308.0	1308.6	1284.5	1285.5	1281.3	1267.2	1253.6	1237.3	1225.9	1215.9
52.5°	1504.3	1508.5	1498.0	1505.3	1496.9	1487.5	1484.9	1468.2	1454.1	1453.5	1439.9
55°	1734.6	1727.7	1730.4	1737.7	1726.2	1736.7	1731.5	1710.0	1710.5	1714.7	1699.0
57.5°	1982.2	1992.1	2013.6	2018.2	2038.2	2024.6	2060.1	2034.5	2050.2	2050.2	2039.7
60°	2345.4	2385.1	2436.9	2477.3	2514.4	2502.4	2549.0	2519.6	2540.7	2522.8	2514.0
62.5°	2783.0	2835.8	2897.0	2962.5	3000.2	3009.6	3002.8	3015.9	2995.5	2982.3	2948.4
65°	2993.4	3045.7	3099.1	3177.6	3188.1	3195.9	3192.8	3170.8	3145.7	3108.5	3064.0
67.5°	2818.5	2891.8	2921.7	3012.2	3042.5	3031.6	3035.3	3007.0	2967.7	2931.1	2865.7
70°	2337.0	2420.8	2436.5	2566.2	2602.3	2654.7	2635.9	2627.6	2584.6	2553.7	2481.5
72.5°	1701.6	1767.0	1761.8	1907.8	1901.5	1923.0	1973.8	1971.6	1926.7	1916.8	1856.0
75°	1047.4	1086.6	1084.5	1188.1	1144.7	1138.4	1152.6	1146.2	1103.9	1059.9	1022.2
77.5°	554.8	572.7	553.8	522.9	519.7	484.7	474.7	474.2	441.8	402.0	372.7
80°	467.4	449.1	427.1	382.0	355.9	332.4	310.4	290.0	268.0	238.7	203.1
82.5°	546.0	537.0	521.3	464.7	437.6	390.4	355.4	322.4	282.1	251.7	206.2
85°	265.9	265.4	278.0	272.2	262.2	260.1	225.6	218.2	202.0	185.3	154.9
87.5°	7.3	5.2	6.3	5.2	6.3	6.8	4.7	11.0	6.8	6.3	7.3
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):

	72°	73°	74°	75°	76°	77°	78°	79°	80°	81°	82°
0°	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
2.5°	77.5	76.9	76.4	76.4	75.9	75.9	75.3	74.9	74.9	74.3	74.3
5°	84.3	83.3	82.7	82.1	81.1	80.6	79.5	79.1	78.0	77.5	76.4
7.5°	92.7	91.6	89.5	88.5	86.9	86.3	83.7	82.7	81.7	80.6	79.1
10°	103.1	100.5	98.4	96.3	93.7	91.6	89.5	87.9	85.9	83.3	82.1
12.5°	116.2	112.6	109.4	105.8	102.6	99.4	95.8	93.2	90.0	87.4	84.8
15°	130.9	125.6	121.4	116.2	111.0	107.3	103.6	100.0	95.8	92.1	89.0
17.5°	147.6	140.8	135.1	128.7	123.0	117.8	111.4	106.8	102.0	96.8	92.7
20°	165.4	158.6	150.7	143.9	135.5	129.8	122.0	115.6	108.8	103.6	97.9
22.5°	188.9	180.1	170.1	160.7	151.8	142.9	134.5	126.7	118.3	110.4	104.7
25°	216.7	205.7	193.1	183.7	171.2	161.2	150.7	140.8	131.9	122.0	112.6
27.5°	251.3	236.6	223.0	209.9	196.3	183.7	170.1	158.6	146.5	135.1	124.6
30°	291.5	277.4	257.0	242.3	228.7	211.4	197.9	182.7	169.0	152.3	140.8
32.5°	344.9	326.6	305.1	285.8	268.0	248.7	229.8	210.4	192.7	177.4	160.2
35°	414.5	393.1	367.4	342.8	323.0	299.4	275.4	253.3	232.9	211.0	189.5
37.5°	502.5	482.6	454.9	425.0	398.3	370.0	344.9	314.0	286.8	260.1	232.9
40°	589.9	571.5	542.8	510.9	476.3	443.8	411.9	376.8	342.3	308.8	280.6
42.5°	697.7	670.5	639.6	603.4	570.0	531.3	491.4	451.2	409.9	369.5	329.2
45°	833.3	812.3	768.8	730.1	690.3	644.8	595.6	549.6	496.7	449.1	395.7
47.5°	998.1	960.5	928.6	892.9	843.2	799.3	736.5	682.0	616.1	552.7	488.8
50°	1192.8	1171.9	1129.5	1085.0	1031.1	978.8	917.5	839.0	760.0	692.5	605.0
52.5°	1420.6	1390.7	1364.0	1318.0	1263.0	1196.0	1126.3	1041.0	944.2	848.9	755.8
55°	1690.6	1669.7	1644.0	1607.4	1537.2	1461.3	1377.6	1275.5	1160.9	1032.7	924.4
57.5°	2039.2	2017.2	1992.6	1917.2	1869.6	1776.5	1655.0	1549.3	1425.8	1261.4	1126.9
60°	2515.0	2485.1	2450.6	2389.3	2289.9	2169.0	2038.7	1882.2	1730.9	1551.4	1375.0
62.5°	2921.7	2874.1	2800.2	2721.2	2601.9	2463.2	2299.4	2115.1	1942.9	1740.8	1544.6
65°	3005.4	2940.0	2853.1	2750.0	2627.0	2470.5	2299.4	2123.0	1920.4	1730.4	1533.0
67.5°	2787.6	2711.7	2622.8	2507.6	2390.4	2229.2	2081.6	1902.1	1711.5	1547.2	1370.8
70°	2429.7	2317.1	2226.1	2103.5	1984.8	1858.1	1702.6	1568.1	1413.2	1262.0	1126.9
72.5°	1824.6	1713.7	1631.0	1533.0	1462.4	1328.4	1214.3	1113.8	1022.2	909.1	809.2
75°	983.4	900.3	844.7	800.3	736.9	648.5	594.1	524.9	486.2	439.2	393.6
77.5°	320.8	282.6	241.3	201.0	172.7	129.8	125.6	100.0	94.2	91.6	70.7
80°	164.4	126.7	91.6	66.0	50.2	44.5	42.4	40.3	38.2	36.7	34.0
82.5°	164.8	119.3	82.1	57.0	41.4	34.5	32.5	31.4	29.9	28.3	26.1
85°	120.4	89.0	61.2	41.9	28.7	23.1	22.0	20.4	19.3	18.9	16.7
87.5°	7.8	5.8	5.2	4.7	4.7	4.7	5.2	4.7	5.2	5.2	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):

	83°	84°	85°	86°	87°	88°	89°	90°	95°	105°	115°
0°	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
2.5°	73.8	73.3	73.3	72.7	72.2	72.2	71.7	71.7	70.1	67.5	65.4
5°	75.9	74.9	74.3	73.8	73.3	72.2	71.7	71.2	68.6	63.3	59.2
7.5°	77.5	76.4	75.9	74.9	73.3	72.7	71.7	70.7	66.5	59.2	54.4
10°	80.1	78.5	76.9	75.3	73.8	72.7	71.2	70.1	63.8	55.4	50.8
12.5°	82.7	80.6	78.5	75.9	74.3	72.7	71.2	69.1	61.8	52.4	47.1
15°	85.9	82.7	80.1	77.5	74.9	72.7	70.1	68.6	59.6	49.8	45.0
17.5°	89.0	85.3	81.7	78.0	75.3	72.2	70.1	67.5	57.6	47.6	42.4
20°	92.7	87.4	83.7	79.5	75.9	72.2	69.1	66.5	55.4	45.0	39.8
22.5°	97.9	91.6	85.9	81.1	76.4	72.7	69.1	65.4	53.4	42.9	37.7
25°	104.7	96.8	90.0	84.3	78.5	73.8	69.6	66.0	51.8	41.4	35.1
27.5°	114.6	104.7	97.4	89.5	82.1	76.4	71.2	67.0	50.8	39.8	33.5
30°	126.7	116.7	105.2	95.8	87.9	80.1	74.3	68.0	49.8	38.2	31.4
32.5°	144.5	130.3	116.7	105.2	94.2	85.3	76.9	70.7	49.2	35.6	29.3
35°	170.1	150.7	134.5	119.3	104.2	93.2	83.3	74.9	48.7	33.5	27.3
37.5°	206.8	183.7	162.8	141.3	122.5	106.8	93.2	82.1	48.7	31.9	25.1
40°	246.0	216.2	189.5	162.8	138.7	118.8	100.5	86.9	47.6	29.9	23.1
42.5°	290.5	253.9	217.2	184.3	154.4	128.7	107.3	90.5	45.0	27.7	20.9
45°	350.1	302.0	258.0	215.6	176.9	143.4	116.2	94.7	42.4	26.1	18.9
47.5°	425.0	369.0	311.9	258.6	207.8	165.4	129.3	101.6	40.8	24.1	17.3
50°	536.5	456.9	381.6	313.5	249.1	193.7	148.7	111.4	39.3	22.5	15.7
52.5°	659.0	561.1	472.7	385.2	305.1	231.9	171.2	124.6	37.7	20.9	14.1
55°	808.1	687.7	579.9	466.3	363.7	276.4	198.9	139.3	35.6	19.3	13.1
57.5°	992.4	840.1	712.4	573.7	444.9	334.0	236.1	163.8	33.5	17.3	11.5
60°	1198.1	1025.9	865.2	702.4	546.4	410.3	291.0	198.9	31.4	15.2	10.0
62.5°	1346.2	1157.2	973.5	790.9	619.7	467.4	335.5	226.1	28.3	13.1	8.9
65°	1344.7	1153.0	968.3	788.3	621.8	469.5	337.1	231.4	25.1	11.5	7.8
67.5°	1198.1	1036.8	872.0	710.2	564.7	427.1	311.9	214.6	21.5	10.5	6.8
70°	985.6	857.3	727.0	598.8	482.0	365.9	269.6	186.9	18.3	9.4	5.8
72.5°	719.7	626.0	546.4	455.9	376.4	288.9	215.2	146.5	14.7	7.8	5.2
75°	357.5	319.8	274.2	246.0	209.9	171.7	133.5	85.3	12.0	6.3	4.7
77.5°	68.0	60.7	58.1	50.2	46.0	40.8	36.1	25.7	9.4	4.7	4.2
80°	31.4	28.7	26.1	23.5	20.9	17.8	15.7	13.6	7.3	3.6	4.7
82.5°	24.6	22.5	19.9	17.8	15.7	13.6	11.5	10.0	4.7	3.2	4.7
85°	16.2	14.1	12.6	11.0	9.4	8.4	7.3	6.3	3.2	3.2	3.2
87.5°	4.7	4.7	4.2	4.2	3.6	3.6	3.2	3.2	2.6	2.6	2.6
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):

	125°	135°	145°	155°	165°	175°	180°
0°	71.2	71.2	71.2	71.2	71.2	71.2	71.2
2.5°	63.3	60.7	59.6	59.2	59.2	59.6	59.2
5°	56.0	53.4	52.4	51.3	51.3	51.3	51.8
7.5°	51.3	48.7	47.1	46.6	46.0	46.6	46.6
10°	47.1	45.0	42.9	41.9	41.9	41.9	41.9
12.5°	44.0	41.4	39.3	38.7	38.2	38.2	38.2
15°	41.4	38.2	36.7	35.6	35.1	35.1	35.6
17.5°	38.2	35.6	33.5	32.9	32.9	32.9	32.9
20°	36.1	32.9	31.4	30.3	30.3	30.3	30.3
22.5°	33.5	30.9	28.7	27.7	27.7	27.7	27.7
25°	31.4	28.7	26.7	25.7	25.7	25.7	25.7
27.5°	29.3	26.7	24.6	23.5	23.5	23.5	23.5
30°	27.3	24.6	22.5	21.5	21.5	21.5	21.5
32.5°	25.7	22.5	20.4	19.3	19.3	19.9	19.3
35°	23.1	20.4	18.3	17.3	17.3	17.3	17.3
37.5°	20.9	18.3	16.2	15.2	15.2	15.2	14.7
40°	19.3	16.2	14.1	13.1	12.6	12.6	12.6
42.5°	16.7	13.6	12.0	11.0	10.5	10.5	10.5
45°	15.2	12.0	10.0	8.9	8.9	8.9	8.9
47.5°	13.6	10.5	8.4	7.3	7.3	7.8	7.8
50°	12.0	8.9	6.8	6.8	6.8	7.3	7.3
52.5°	10.5	7.8	6.3	6.3	6.8	7.3	7.3
55°	9.4	6.8	5.8	6.3	6.8	7.3	7.3
57.5°	8.4	5.8	5.8	6.3	6.8	7.3	7.3
60°	7.3	5.2	5.2	5.8	6.8	7.3	7.3
62.5°	6.3	5.2	5.2	5.8	6.8	7.3	7.3
65°	5.8	5.2	5.2	5.8	6.8	7.3	7.3
67.5°	5.2	4.7	5.2	5.8	6.3	6.8	6.8
70°	4.7	4.7	5.2	5.8	6.3	6.8	6.8
72.5°	4.7	4.7	4.7	5.2	5.8	6.3	6.3
75°	4.7	4.7	4.7	5.2	5.8	6.3	6.3
77.5°	4.7	4.2	4.2	4.7	5.8	6.3	6.3
80°	4.7	4.2	4.2	4.7	5.2	6.3	6.3
82.5°	3.6	3.6	4.2	4.7	5.2	5.8	5.8
85°	3.2	3.6	3.6	4.2	4.7	5.8	5.8
87.5°	2.6	2.6	3.2	3.6	4.2	4.7	4.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)