

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: P181032

Luminaire Tested: **ICS-F02-LED-E1-SLL-7030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181032
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33681)
Test Lab: INNOVATION CENTER-P3
Issue Date: 03/03/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: ICS-F02-LED-E1-SLL-7030
Description: ICON SITE SMALL LED LUMINAIRE
(2) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR LEFT
Light Source: (14) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3776.5 lumens
Efficiency: N/A
Efficacy: 68.7 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 1' x H: 0.1')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B1 - U0 - G2

Input Watts (W): 55
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



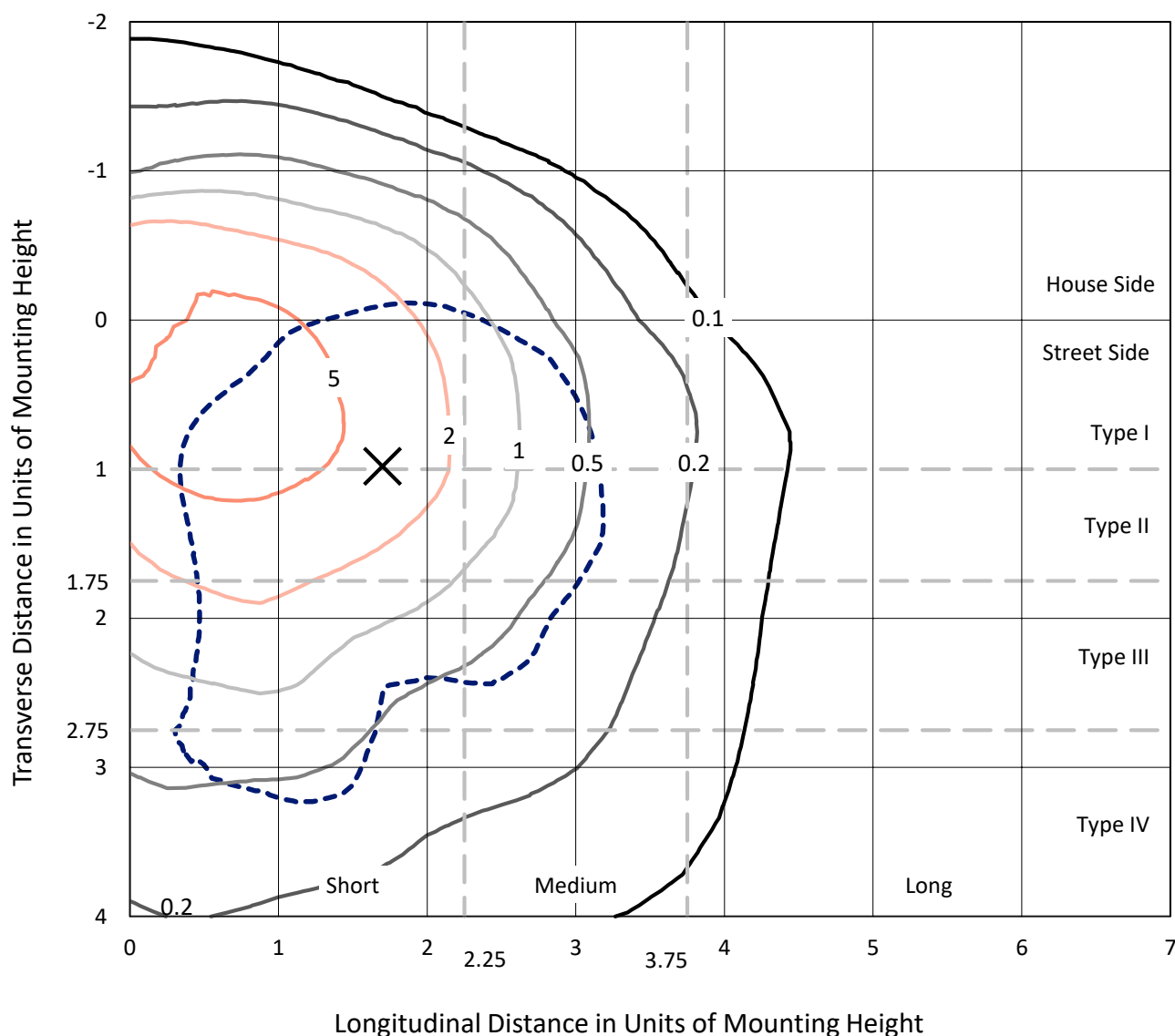
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

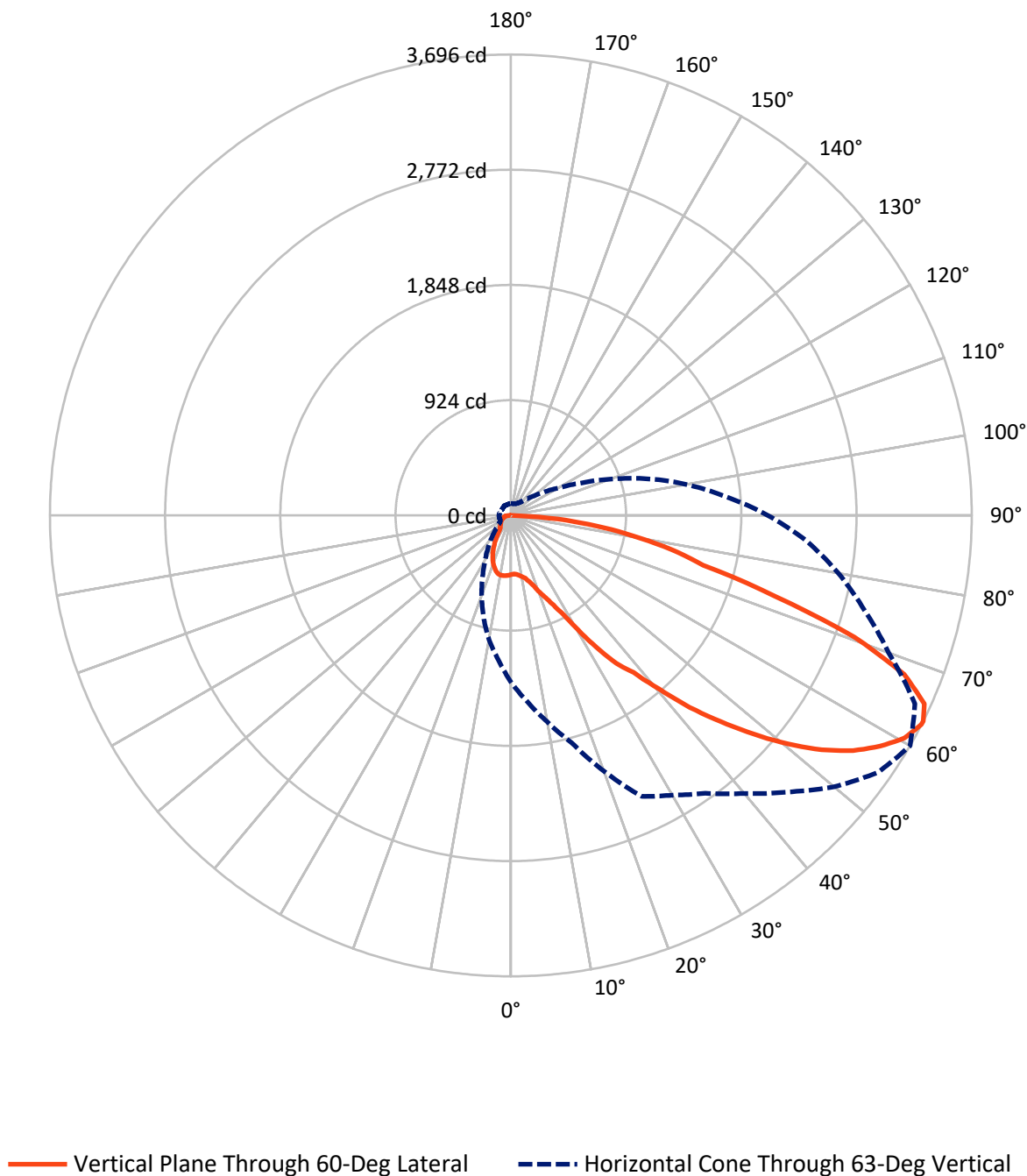


Based on 10 foot mounting height. Maximum calculated value = 9.4 fc
 Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	818.9	0.0	818.9
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	2957.6	0.0	2957.6
	% Fixture	78.3	0.0	78.3
Total	Lumens	3776.5	0.0	3776.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	46.2	1.2
10°-20°	143.9	3.8
20°-30°	255.6	6.8
30°-40°	402.5	10.7
40°-50°	592.4	15.7
50°-60°	786.9	20.8
60°-70°	866.7	23.0
70°-80°	543.8	14.4
80°-90°	138.5	3.7
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°	3776.5	100.0
0°-180°	3776.5	100.0

Coefficient of Utilization



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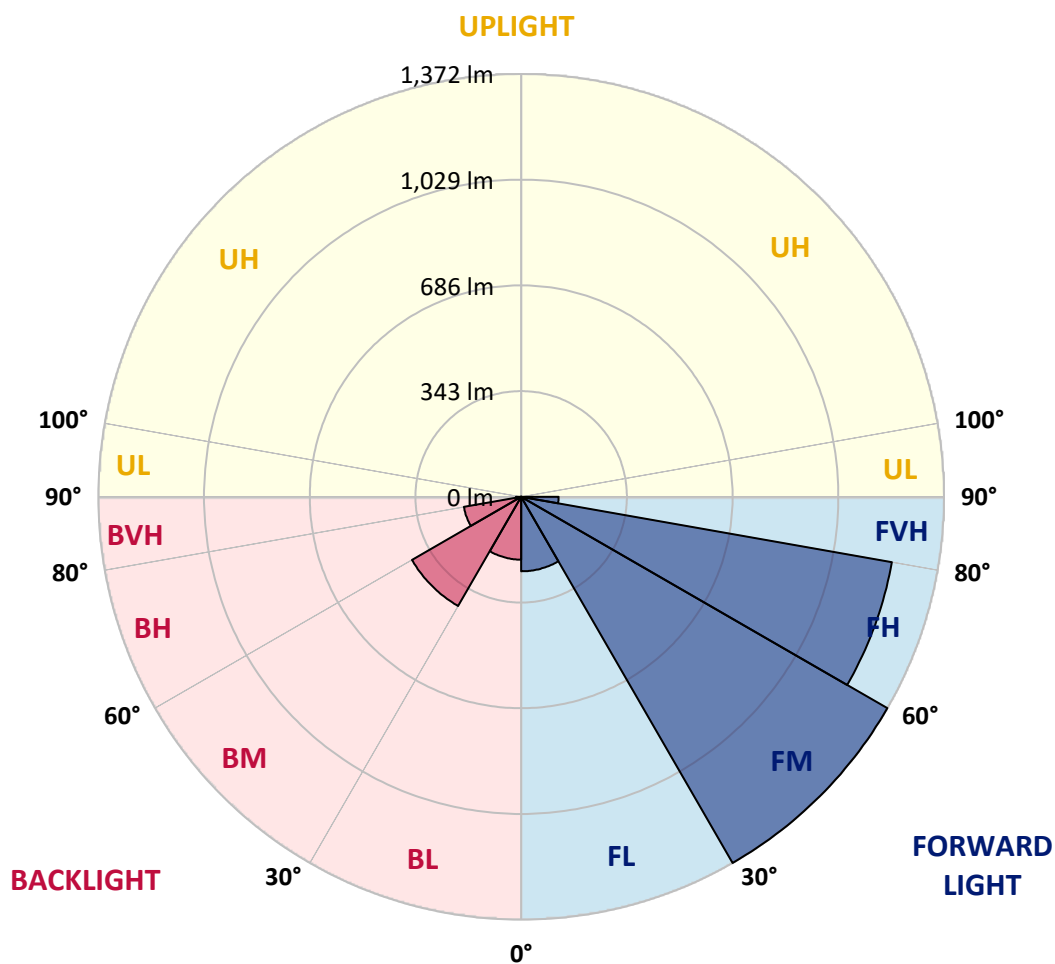
CATALOG NUMBER: ICS-F02-LED-E1-SLL-7030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	241.8	6.4			
FM	(30°-60°)	1372.5	36.3			
FH	(60°-80°)	1221.8	32.4			G1/1800
FVH	(80°-90°)	121.5	3.2			G2/225
BL	(0°-30°)	203.9	5.4	B1/500		
BM	(30°-60°)	409.3	10.8	B1/1000		
BH	(60°-80°)	188.8	5.0	B1/500		G1/500
BVH	(80°-90°)	17.0	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-G2

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	474.6	474.6	474.6	474.6	474.6	474.6	474.6	474.6	474.6	474.6	474.6
2.5°	468.3	469.2	469.2	468.7	468.7	469.6	469.2	468.7	467.4	469.2	469.2
5°	464.6	465.5	465.5	466.4	467.4	468.3	468.3	469.2	468.7	470.5	471.9
7.5°	469.2	470.1	471.9	474.1	475.5	478.7	478.7	480.9	481.8	483.2	482.7
10°	475.0	477.3	481.4	485.0	487.7	491.3	494.0	497.2	497.2	498.6	499.5
12.5°	485.4	487.7	492.2	496.8	500.8	505.4	509.4	512.6	515.8	516.7	518.5
15°	502.6	505.4	512.1	518.5	523.5	529.3	534.8	541.1	547.0	548.3	549.2
17.5°	528.4	533.9	538.8	550.1	557.4	565.1	573.7	582.7	584.5	594.0	596.3
20°	565.1	571.9	576.4	590.4	602.6	612.6	625.2	635.7	639.7	648.8	657.8
22.5°	628.4	627.1	633.8	647.9	656.9	676.8	687.7	698.5	704.0	717.5	724.8
25°	713.5	720.7	735.6	737.0	745.6	768.7	782.7	793.5	794.0	798.1	805.8
27.5°	797.2	827.0	850.6	863.2	886.3	907.6	906.7	922.0	898.1	903.0	910.3
30°	898.5	948.3	992.6	1022.5	1046.0	1070.9	1083.1	1091.7	1081.3	1076.8	1068.2
32.5°	993.5	1063.2	1131.5	1184.4	1228.3	1269.5	1296.6	1308.9	1323.3	1360.0	1373.1
35°	1058.7	1157.3	1242.3	1318.8	1392.1	1457.7	1505.2	1532.3	1521.9	1517.0	1514.3
37.5°	1097.6	1217.9	1324.2	1432.4	1516.5	1614.7	1688.4	1759.9	1776.2	1747.7	1733.7
40°	1122.0	1264.5	1401.1	1528.7	1637.8	1764.4	1855.8	1963.1	2044.5	2055.3	2021.9
42.5°	1133.8	1295.7	1455.0	1599.3	1746.8	1902.0	2017.8	2147.6	2269.3	2353.0	2332.2
45°	1135.6	1316.1	1494.3	1663.1	1838.6	2022.8	2172.1	2315.9	2478.8	2622.2	2626.3
47.5°	1135.6	1331.5	1521.5	1709.2	1921.0	2127.7	2290.6	2460.7	2660.2	2829.9	2881.9
50°	1136.5	1341.9	1546.8	1745.4	1983.9	2216.4	2400.5	2601.4	2811.3	2995.9	3096.4
52.5°	1140.6	1349.6	1566.7	1771.2	2024.6	2278.8	2486.1	2717.7	2926.7	3116.3	3246.1
55°	1149.6	1360.4	1581.2	1787.1	2051.7	2319.6	2548.0	2797.3	3001.4	3193.6	3375.1
57.5°	1174.9	1379.4	1598.9	1801.1	2066.7	2346.3	2591.5	2831.7	3029.9	3230.3	3443.4
60°	1225.6	1419.7	1629.2	1829.1	2091.5	2395.6	2612.3	2808.6	3009.1	3219.4	3458.8
62.5°	1306.6	1482.6	1671.2	1876.6	2162.6	2472.0	2596.4	2739.9	2927.2	3156.5	3404.0
63°	1334.6	1496.2	1680.7	1887.0	2182.0	2486.1	2589.7	2719.5	2910.4	3136.6	3384.6
65°	1412.9	1556.3	1726.0	1939.5	2262.1	2500.1	2536.7	2613.6	2794.6	3023.1	3269.6
67.5°	1559.0	1702.5	1823.3	2028.2	2329.5	2444.9	2372.5	2382.0	2571.1	2807.7	3029.4
70°	1651.3	1822.4	1885.2	2039.5	2317.3	2363.0	2159.9	2034.1	2185.6	2455.3	2649.4
72.5°	1627.4	1823.7	1816.9	1888.9	2073.0	2115.5	1905.1	1707.0	1797.0	1998.3	2124.1
75°	1393.9	1628.7	1578.9	1564.5	1629.2	1657.2	1499.3	1469.0	1582.6	1694.3	1696.1
77.5°	1003.5	1261.8	1203.4	1119.7	1115.2	1179.9	1201.2	1399.8	1567.6	1655.9	1617.0
80°	639.3	919.3	858.7	712.6	710.3	794.5	981.3	1251.4	1429.2	1478.5	1377.2
82.5°	333.9	601.7	624.8	534.8	612.1	751.5	933.8	1008.4	1075.9	1082.6	963.2
85°	208.1	370.1	435.2	449.3	552.9	666.4	665.1	638.8	609.0	521.2	471.4
87.5°	23.5	46.6	70.6	67.0	90.0	126.2	157.4	92.3	64.7	23.5	32.6
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):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	474.6	474.6	474.6	474.6	474.6	474.6	474.6	474.6	474.6	474.6	474.6
2.5°	470.1	470.5	471.0	471.0	473.2	472.8	473.2	474.1	475.5	476.4	477.3
5°	473.7	473.7	475.5	476.9	479.6	481.4	482.3	485.0	488.2	487.3	490.0
7.5°	485.4	485.0	486.8	487.7	490.0	493.1	492.7	494.9	497.7	498.6	500.8
10°	501.3	499.9	499.9	499.0	499.5	498.6	498.6	498.6	500.4	499.9	501.7
12.5°	517.6	517.1	516.2	513.5	513.5	509.9	508.1	505.8	505.4	502.2	502.6
15°	551.0	551.0	549.2	543.8	539.3	536.1	531.6	528.4	523.9	518.0	514.9
17.5°	599.9	593.6	591.3	590.4	583.2	580.5	570.5	560.1	555.1	547.0	542.5
20°	659.6	658.3	649.2	644.7	635.7	623.0	610.3	596.7	588.6	578.6	573.2
22.5°	727.0	717.1	712.6	705.8	691.8	677.3	658.3	640.2	627.5	620.7	616.6
25°	805.8	795.8	791.3	782.2	765.0	749.7	726.1	704.9	693.6	682.3	675.9
27.5°	910.3	900.8	895.3	871.8	865.9	840.6	811.6	782.7	767.8	751.0	740.2
30°	1066.4	1066.8	1038.8	1010.3	980.8	937.0	906.7	874.1	849.6	825.7	801.7
32.5°	1330.1	1262.7	1210.7	1149.6	1085.8	1039.2	1001.7	962.8	928.8	894.0	854.2
35°	1491.2	1458.6	1391.2	1279.4	1215.2	1158.6	1117.0	1070.0	1028.4	966.8	906.2
37.5°	1673.1	1597.5	1515.6	1453.6	1380.8	1315.2	1245.5	1192.1	1120.2	1037.4	951.4
40°	1938.6	1830.5	1731.9	1648.6	1554.5	1485.7	1407.9	1330.6	1235.1	1115.2	997.1
42.5°	2216.0	2104.2	1973.9	1865.8	1754.9	1674.4	1578.0	1469.5	1329.2	1180.8	1036.5
45°	2506.9	2357.6	2201.5	2069.4	1954.0	1854.0	1734.6	1590.7	1419.7	1239.6	1073.1
47.5°	2793.7	2622.2	2436.3	2294.2	2144.0	2021.9	1875.3	1693.4	1490.3	1295.3	1109.8
50°	3046.6	2881.5	2657.5	2477.0	2325.0	2174.3	1991.6	1772.6	1545.9	1343.2	1142.8
52.5°	3264.7	3122.6	2886.9	2658.9	2483.8	2314.6	2085.2	1836.4	1602.0	1387.6	1170.0
55°	3424.8	3330.3	3113.1	2830.3	2623.6	2421.8	2164.4	1897.9	1655.0	1422.9	1187.6
57.5°	3545.6	3493.1	3306.7	2991.9	2752.1	2525.9	2246.3	1971.6	1707.4	1453.2	1195.7
60°	3611.7	3626.2	3453.3	3133.0	2865.6	2612.7	2328.2	2034.5	1746.3	1470.8	1191.2
62.5°	3605.3	3694.0	3563.3	3219.9	2931.7	2664.3	2383.4	2063.9	1740.9	1442.8	1150.1
63°	3593.1	3696.3	3575.5	3225.8	2935.8	2666.1	2384.7	2059.9	1729.6	1429.2	1133.8
65°	3487.7	3644.2	3565.1	3199.1	2899.6	2632.2	2356.2	2001.1	1650.0	1356.4	1050.1
67.5°	3205.4	3401.3	3378.7	3010.4	2728.1	2491.9	2210.5	1811.5	1453.2	1177.2	889.9
70°	2739.0	2923.1	2927.2	2618.2	2382.4	2150.8	1916.9	1474.0	1151.9	912.5	663.7
72.5°	2099.2	2217.8	2258.9	2055.3	1897.5	1734.6	1524.7	1070.0	821.1	620.7	432.1
75°	1625.5	1593.0	1592.5	1506.6	1442.3	1362.7	1132.0	722.1	539.3	403.6	264.2
77.5°	1461.3	1316.5	1176.3	1073.1	1021.6	994.9	742.4	435.2	318.1	232.1	152.0
80°	1205.2	991.7	801.2	689.9	645.6	676.4	414.0	235.3	174.2	132.1	98.6
82.5°	831.1	689.9	524.4	434.3	372.8	390.0	211.7	120.3	80.5	73.7	61.1
85°	433.0	379.6	320.3	275.1	242.9	213.5	109.9	57.5	33.5	29.4	26.7
87.5°	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	474.6	474.6	474.6	474.6	474.6	474.6	474.6	474.6	474.6	474.6	474.6
2.5°	478.7	478.2	479.1	479.6	480.9	481.8	482.3	481.4	482.7	484.1	483.2
5°	491.3	494.5	494.9	496.3	496.3	499.0	499.0	499.0	498.6	499.0	498.1
7.5°	502.2	506.3	506.7	508.5	509.0	512.1	510.8	511.7	511.7	509.4	508.5
10°	503.5	507.6	509.9	512.1	515.3	519.4	519.4	521.6	521.6	519.8	519.4
12.5°	504.0	507.2	509.4	512.6	517.1	523.0	526.2	529.3	530.7	530.2	528.9
15°	513.5	513.5	513.9	516.7	519.8	527.1	531.6	535.2	537.5	536.6	534.3
17.5°	538.4	534.8	532.0	527.5	528.4	532.0	534.8	537.9	538.4	537.5	533.9
20°	567.3	562.8	556.0	548.8	545.2	542.5	540.6	540.6	539.3	534.8	528.9
22.5°	608.5	602.6	593.1	582.3	575.0	566.4	556.0	546.1	535.2	524.4	511.7
25°	665.5	657.4	647.4	630.7	615.3	597.2	575.9	553.8	528.0	505.4	486.8
27.5°	723.0	704.9	679.1	656.0	627.5	600.4	570.1	542.9	509.9	482.7	462.4
30°	770.5	736.1	699.0	662.3	624.8	588.1	552.0	519.4	483.2	455.6	435.7
32.5°	807.1	759.6	708.0	660.1	613.9	569.1	527.5	491.3	454.7	426.2	404.9
35°	841.1	775.0	709.4	650.1	593.1	546.5	499.5	460.1	421.2	391.3	368.3
37.5°	866.4	782.2	701.3	631.6	566.0	513.9	466.0	425.7	385.9	353.3	327.1
40°	882.7	777.7	683.6	604.9	533.9	479.1	430.3	388.6	350.2	314.4	282.8
42.5°	895.8	771.8	666.0	580.5	508.5	448.8	398.6	353.8	314.9	276.0	241.1
45°	915.2	776.4	658.3	563.3	485.9	423.0	367.8	321.2	280.5	242.5	209.0
47.5°	934.2	778.6	647.0	542.0	457.4	396.3	340.2	295.0	253.4	218.5	187.8
50°	951.4	777.3	629.3	514.9	429.8	369.6	315.3	270.1	228.9	196.8	167.8
52.5°	959.6	769.6	607.6	488.6	407.6	346.1	290.9	247.0	206.3	176.0	149.3
55°	958.7	749.7	579.1	463.7	383.2	321.2	266.9	223.5	186.8	158.8	135.7
57.5°	945.1	718.9	548.8	436.1	351.1	290.5	238.9	196.8	166.0	142.5	123.1
60°	916.6	679.5	509.0	395.9	310.8	252.5	204.0	167.8	143.0	124.9	112.2
62.5°	863.2	623.0	459.2	339.8	256.5	203.1	161.1	137.5	119.0	108.1	102.2
63°	847.4	607.6	437.9	326.2	243.9	191.8	152.0	127.6	114.0	104.5	99.1
65°	768.7	532.0	366.5	263.3	189.6	147.9	122.2	103.6	95.5	91.4	90.9
67.5°	622.5	418.5	259.2	180.5	128.9	106.8	93.7	86.0	82.3	81.4	82.3
70°	437.0	264.2	164.7	119.9	95.5	86.0	80.1	76.9	74.6	75.1	76.0
72.5°	278.7	158.3	113.1	90.9	80.5	75.6	72.8	71.9	71.5	71.0	71.0
75°	158.8	105.4	86.9	78.7	73.3	69.2	67.0	66.1	66.5	67.0	66.1
77.5°	105.0	86.9	77.4	71.9	67.0	62.4	61.1	60.6	61.5	62.4	62.4
80°	82.8	77.4	71.9	66.5	58.4	55.2	56.1	56.6	56.1	56.6	55.2
82.5°	58.4	57.5	58.8	56.6	48.4	45.7	44.8	45.2	44.3	44.3	43.4
85°	27.1	27.1	28.5	28.5	27.6	28.1	30.3	33.0	34.4	33.0	31.2
87.5°	0.0	0.0	0.0	0.0	0.0	4.1	8.1	11.8	12.7	15.8	15.4
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°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	474.6	474.6	474.6	474.6	474.6	474.6	474.6	474.6	474.6	474.6	474.6
2.5°	481.8	482.7	482.3	481.8	482.7	481.8	482.3	481.8	481.8	481.4	481.4
5°	497.2	498.6	495.9	495.4	494.5	492.2	492.2	491.3	491.3	489.5	488.2
7.5°	507.2	507.6	505.4	504.9	502.6	500.4	498.6	496.8	496.3	494.9	492.2
10°	516.7	515.8	513.9	511.7	509.4	506.3	504.0	501.7	501.3	499.0	495.9
12.5°	524.8	524.4	520.7	518.5	514.9	511.7	509.0	506.3	504.9	502.2	497.7
15°	530.2	527.5	523.0	518.9	514.9	511.2	508.1	504.9	503.5	500.4	495.9
17.5°	528.0	523.0	517.1	512.1	506.7	502.2	499.5	496.3	494.0	492.2	485.9
20°	519.8	512.6	503.5	497.7	490.4	484.5	482.7	479.6	477.8	471.0	462.8
22.5°	498.6	488.2	476.9	468.3	460.1	454.2	449.7	446.5	442.0	437.9	425.3
25°	471.9	460.1	448.3	437.9	427.1	418.0	409.9	402.2	399.9	391.3	379.1
27.5°	446.1	433.0	421.2	409.0	395.0	383.7	369.6	358.8	351.5	342.5	331.2
30°	418.5	405.4	389.5	373.2	357.0	344.7	328.9	315.8	306.7	297.2	286.8
32.5°	383.7	367.8	348.8	330.7	315.8	301.3	285.5	272.8	263.8	255.2	245.2
35°	343.8	323.0	302.7	282.8	266.9	254.7	240.7	231.2	224.9	217.2	206.8
37.5°	298.1	274.6	252.9	237.5	223.5	211.7	201.8	195.9	189.1	185.0	178.7
40°	252.0	228.9	207.7	193.6	181.9	175.1	169.7	168.3	163.8	158.3	154.3
42.5°	211.3	189.1	168.3	157.0	149.3	147.5	144.8	144.8	142.5	138.4	135.7
45°	183.7	160.6	142.5	134.4	130.3	129.8	128.5	128.5	128.0	126.2	123.1
47.5°	163.8	143.0	128.9	124.0	123.1	122.2	120.8	120.3	119.9	118.5	116.7
50°	145.7	128.0	119.0	116.7	117.2	115.8	114.5	113.1	112.7	111.3	109.5
52.5°	128.9	116.3	110.4	109.0	109.0	109.0	108.1	108.1	107.2	106.8	105.0
55°	119.4	109.9	106.8	106.3	105.9	105.4	104.5	104.5	103.6	103.2	100.9
57.5°	111.3	105.4	103.6	102.7	102.2	101.3	100.9	100.9	100.9	100.9	98.2
60°	105.0	102.2	101.8	100.9	100.4	98.6	97.7	97.3	97.7	98.2	95.5
62.5°	98.2	97.7	97.3	96.4	95.9	94.1	92.7	91.8	92.7	93.7	93.2
63°	96.4	95.9	95.9	95.5	95.0	92.7	91.4	90.5	91.4	92.3	92.3
65°	90.0	90.5	90.5	90.0	89.6	88.2	86.4	85.5	86.0	87.3	87.8
67.5°	83.2	83.7	83.2	83.7	83.2	82.3	81.0	80.1	79.6	80.1	80.5
70°	76.9	77.8	77.4	76.9	76.5	76.5	75.6	74.2	73.7	73.3	73.3
72.5°	71.5	71.5	70.6	70.6	70.1	70.1	69.2	67.9	67.4	67.4	66.5
75°	65.6	65.6	64.2	64.2	63.3	63.8	62.9	61.5	61.1	61.1	60.6
77.5°	62.0	60.6	58.4	57.9	57.5	57.5	57.0	55.6	55.2	55.2	54.7
80°	54.7	52.0	49.8	49.3	49.8	50.7	50.7	49.8	49.8	49.8	49.8
82.5°	42.5	41.6	40.3	39.4	39.4	40.7	42.5	43.4	44.3	45.2	45.2
85°	31.2	31.7	31.2	29.9	29.4	30.8	32.6	34.4	34.8	36.6	36.2
87.5°	16.7	17.2	15.8	15.4	16.7	17.6	19.5	19.9	20.8	21.3	21.7
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):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	474.6	474.6	474.6	474.6	474.6	474.6	474.6	474.6	474.6	474.6	474.6
2.5°	480.9	480.5	480.9	480.0	480.0	479.1	478.2	477.8	476.9	476.4	475.5
5°	489.1	487.7	486.4	485.9	484.1	482.3	480.9	478.7	476.9	473.7	472.8
7.5°	494.5	491.3	489.5	489.1	486.4	485.0	481.8	479.1	476.4	472.3	471.0
10°	496.8	493.6	490.4	489.1	485.9	483.6	480.5	476.4	474.1	470.1	469.2
12.5°	499.5	493.6	488.6	485.0	480.5	475.5	472.3	470.1	466.9	464.6	463.7
15°	494.5	486.8	479.1	472.3	465.1	459.7	456.5	452.9	449.3	447.9	447.9
17.5°	480.9	471.0	457.8	449.3	441.6	435.7	431.6	428.0	427.5	425.7	426.6
20°	452.9	439.8	427.1	420.8	416.2	412.6	408.5	406.7	405.4	402.7	401.7
22.5°	414.0	403.1	394.1	389.5	385.9	381.4	377.8	372.3	371.0	368.3	366.9
25°	371.0	362.4	354.7	351.5	349.3	342.9	340.7	333.4	328.5	325.3	327.1
27.5°	328.0	321.7	314.4	310.4	309.0	303.1	300.9	292.7	288.6	288.6	284.1
30°	283.7	277.8	273.3	268.7	267.8	260.6	254.7	251.5	247.0	245.2	242.0
32.5°	242.0	236.2	232.5	230.3	226.7	220.8	214.9	209.5	202.2	199.5	198.2
35°	203.6	199.1	194.5	192.7	187.8	181.4	174.2	169.7	161.1	157.9	156.5
37.5°	174.2	168.8	165.6	160.6	155.6	148.8	143.4	139.3	136.2	134.8	134.8
40°	150.7	146.6	143.0	138.9	134.8	131.2	128.5	127.6	127.1	127.1	128.0
42.5°	133.0	129.4	127.6	125.3	124.0	124.0	123.5	124.0	124.4	124.9	126.2
45°	121.2	119.0	118.1	117.6	118.5	119.4	119.9	120.8	122.6	123.5	124.0
47.5°	114.9	113.1	112.7	113.1	114.5	116.3	118.1	119.4	120.8	121.2	121.7
50°	108.6	106.3	105.4	106.3	108.1	110.8	112.2	114.5	115.4	116.3	115.4
52.5°	103.2	101.3	100.9	100.9	102.7	104.5	106.3	108.1	108.6	108.6	108.1
55°	98.6	97.3	95.9	96.8	98.2	100.0	102.7	104.1	105.0	105.4	105.4
57.5°	95.0	93.7	92.3	93.2	94.6	96.4	99.1	100.4	101.3	102.7	103.2
60°	92.3	90.5	89.1	90.5	91.8	94.6	96.8	98.2	100.4	100.9	100.9
62.5°	89.6	87.8	85.5	86.9	86.9	88.2	90.5	92.3	94.6	95.5	95.5
63°	89.1	87.3	85.1	86.0	86.0	86.9	88.7	90.5	93.2	94.1	93.7
65°	85.5	85.1	82.8	82.8	81.9	82.8	84.2	86.0	87.3	88.7	88.7
67.5°	79.6	79.2	78.7	78.7	78.7	79.6	80.5	81.9	83.2	84.2	83.7
70°	72.8	72.8	72.8	73.3	73.3	74.2	74.6	74.2	75.6	76.5	76.0
72.5°	67.0	66.5	66.1	67.0	66.5	66.5	67.4	67.0	68.3	68.3	68.8
75°	60.6	60.2	60.2	60.6	59.7	58.8	59.3	59.3	59.7	59.7	60.6
77.5°	55.2	55.2	55.2	54.7	53.8	53.4	52.9	52.9	52.9	52.9	53.4
80°	50.2	50.2	50.2	49.8	48.9	48.0	47.1	46.6	46.1	43.9	43.9
82.5°	45.2	45.2	45.2	45.2	44.8	43.9	42.5	38.9	37.1	35.3	35.7
85°	35.7	36.6	37.6	38.9	38.5	38.5	35.7	31.2	28.5	26.7	27.1
87.5°	23.1	20.4	20.4	19.9	19.0	18.1	18.1	15.4	12.7	11.3	11.8
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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REPORT N
CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°	
0°	474.6	474.6	474.6	474.6	474.6	474.6	474.6	474.6	474.6	474.6	474.6	0°
2.5°	475.5	474.6	473.7	473.7	472.3	472.3	471.4	473.2	471.4	470.1	470.1	2.5°
5°	471.9	471.0	468.3	467.8	466.0	466.0	466.0	465.1	465.1	464.2	463.7	5°
7.5°	469.6	467.4	465.1	463.7	463.7	462.8	464.6	463.7	464.2	464.2	464.6	7.5°
10°	467.8	466.0	465.1	464.6	464.6	466.0	467.4	467.8	467.4	467.8	467.8	10°
12.5°	463.3	464.2	464.6	466.4	468.7	471.4	474.6	475.0	475.9	475.9	476.9	12.5°
15°	448.8	451.1	453.8	458.3	464.2	470.1	475.9	480.9	485.4	487.7	489.5	15°
17.5°	428.4	430.7	435.7	440.7	448.3	456.9	466.9	475.5	485.0	493.6	502.2	17.5°
20°	400.8	404.5	405.8	414.9	423.9	435.7	447.4	461.0	477.3	493.6	510.3	20°
22.5°	365.1	369.2	375.5	382.7	392.2	406.7	420.8	442.0	463.7	486.8	513.0	22.5°
25°	325.3	329.8	335.2	342.9	352.4	367.8	388.2	410.8	437.5	467.8	500.4	25°
27.5°	284.1	288.6	293.2	298.6	309.5	325.7	349.7	373.2	402.7	435.7	473.7	27.5°
30°	242.9	243.4	246.1	252.9	264.2	285.5	303.1	332.5	363.3	398.1	442.0	30°
32.5°	197.7	197.3	200.4	206.3	217.2	237.5	259.2	287.7	318.1	361.9	407.2	32.5°
35°	157.4	157.4	163.3	169.2	181.4	195.9	214.9	240.2	276.0	316.7	361.9	35°
37.5°	136.2	139.3	143.0	148.8	158.3	169.7	186.4	208.6	236.6	275.5	317.1	37.5°
40°	129.4	131.2	134.4	139.8	147.9	158.3	170.6	187.3	209.0	240.2	278.2	40°
42.5°	126.7	127.1	128.9	133.0	140.3	150.7	163.3	178.3	194.5	216.7	249.7	42.5°
45°	124.0	123.5	124.4	127.6	133.5	145.2	159.7	176.0	192.3	210.8	238.0	45°
47.5°	121.7	121.7	121.7	123.1	128.5	140.3	157.0	176.0	195.4	216.3	242.9	47.5°
50°	115.4	114.9	114.9	115.8	119.9	132.6	152.5	175.5	200.9	228.0	258.3	50°
52.5°	108.1	108.1	108.6	109.0	112.7	125.3	147.5	175.5	207.2	243.4	281.4	52.5°
55°	105.9	106.3	106.8	106.3	109.0	119.9	142.1	172.8	209.9	255.6	306.3	55°
57.5°	104.1	105.0	105.0	104.5	106.3	115.4	136.6	167.4	207.7	260.1	323.9	57.5°
60°	101.3	101.3	101.3	100.0	100.9	109.0	128.5	158.8	200.4	256.1	326.6	60°
62.5°	95.5	95.5	94.6	94.1	93.7	100.0	117.6	146.1	187.3	245.2	319.9	62.5°
63°	94.1	93.7	93.7	92.3	92.3	98.2	115.4	144.3	183.7	242.5	317.1	63°
65°	89.1	89.1	89.1	88.2	87.8	92.3	106.3	131.7	169.7	229.8	303.6	65°
67.5°	83.7	84.2	83.2	82.8	82.3	85.1	95.9	115.8	147.9	203.1	278.2	67.5°
70°	76.0	76.5	76.5	76.0	75.6	77.4	84.2	99.5	122.6	169.2	237.1	70°
72.5°	69.2	70.1	70.1	71.0	71.0	72.4	75.1	82.8	98.2	132.1	186.4	72.5°
75°	62.0	62.4	63.3	64.2	63.3	62.9	63.3	69.2	76.9	97.7	133.0	75°
77.5°	55.6	57.0	57.0	56.6	55.2	54.3	54.3	57.0	63.3	74.2	95.0	77.5°
80°	46.1	48.4	48.9	47.5	46.1	46.1	47.1	48.9	52.9	61.1	71.9	80°
82.5°	37.1	39.4	39.8	40.3	39.8	41.2	41.2	41.6	43.9	50.2	58.8	82.5°
85°	28.5	30.3	31.7	32.1	32.6	33.0	32.6	30.3	31.7	35.7	39.8	85°
87.5°	12.7	13.1	12.2	12.7	12.2	12.7	13.1	10.9	10.4	14.0	14.5	87.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	90°

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DISTRIBUTION (continued):

330°	335°	340°	345°	350°	355°	360°
474.6	474.6	474.6	474.6	474.6	474.6	474.6
469.6	469.6	470.1	469.2	469.2	469.6	468.3
462.4	464.2	464.2	464.2	463.3	464.2	464.6
464.2	465.5	466.4	466.4	466.0	467.8	469.2
466.4	468.7	469.6	469.6	469.6	471.9	475.0
475.0	476.9	478.2	478.2	479.1	481.8	485.4
490.9	493.1	493.1	492.7	495.4	498.6	502.6
508.5	514.9	518.0	517.6	519.8	523.9	528.4
525.3	542.9	550.6	556.0	558.3	563.7	565.1
539.3	568.7	590.0	608.1	616.6	622.1	628.4
534.3	574.1	612.1	649.2	675.5	702.2	713.5
513.9	563.7	613.5	667.8	715.3	762.8	797.2
489.1	548.8	615.7	692.7	767.8	840.6	898.5
460.6	534.8	620.7	715.7	814.4	909.8	993.5
424.8	508.1	608.5	718.0	834.3	950.1	1058.7
379.6	471.9	580.0	701.7	835.2	967.7	1097.6
334.3	426.2	543.8	678.2	823.4	971.8	1122.0
302.7	385.5	507.2	648.3	804.4	965.5	1133.8
281.0	356.1	474.6	621.2	784.0	954.2	1135.6
279.1	343.4	453.3	601.3	767.8	944.2	1135.6
294.5	350.2	446.1	591.3	761.0	941.0	1136.5
323.5	377.3	459.2	599.0	766.4	945.1	1140.6
358.3	418.5	494.5	625.7	789.5	958.7	1149.6
390.0	466.0	554.7	677.3	831.5	993.1	1174.9
408.5	506.7	618.5	749.7	903.5	1061.4	1225.6
410.8	529.3	675.0	828.4	990.8	1139.6	1306.6
409.0	531.1	682.3	843.3	1009.4	1159.1	1334.6
399.0	531.6	702.6	895.8	1073.6	1241.0	1412.9
373.7	517.1	709.8	937.0	1154.6	1348.7	1559.0
329.8	475.9	688.6	937.9	1185.8	1408.8	1651.3
265.1	397.7	596.7	853.3	1103.5	1349.6	1627.4
194.1	292.3	451.1	661.0	900.3	1123.4	1393.9
128.9	189.1	304.0	471.0	645.6	808.5	1003.5
88.7	117.2	177.8	283.2	395.0	474.1	639.3
65.1	77.4	98.6	144.8	190.0	233.9	333.9
40.7	44.3	49.3	71.5	102.2	138.0	208.1
10.9	11.3	10.4	14.0	22.2	21.3	23.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)