

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: P181027

Luminaire Tested: **ICS-E02-LED-E1-SLL-7030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181027
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-E02-LED-E1-SLL-7030
Description: ICON SITE SMALL LED LUMINAIRE
(2) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR LEFT
Light Source: (42) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4574.7 lumens
Efficiency: N/A
Efficacy: 87.8 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): 52.1
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



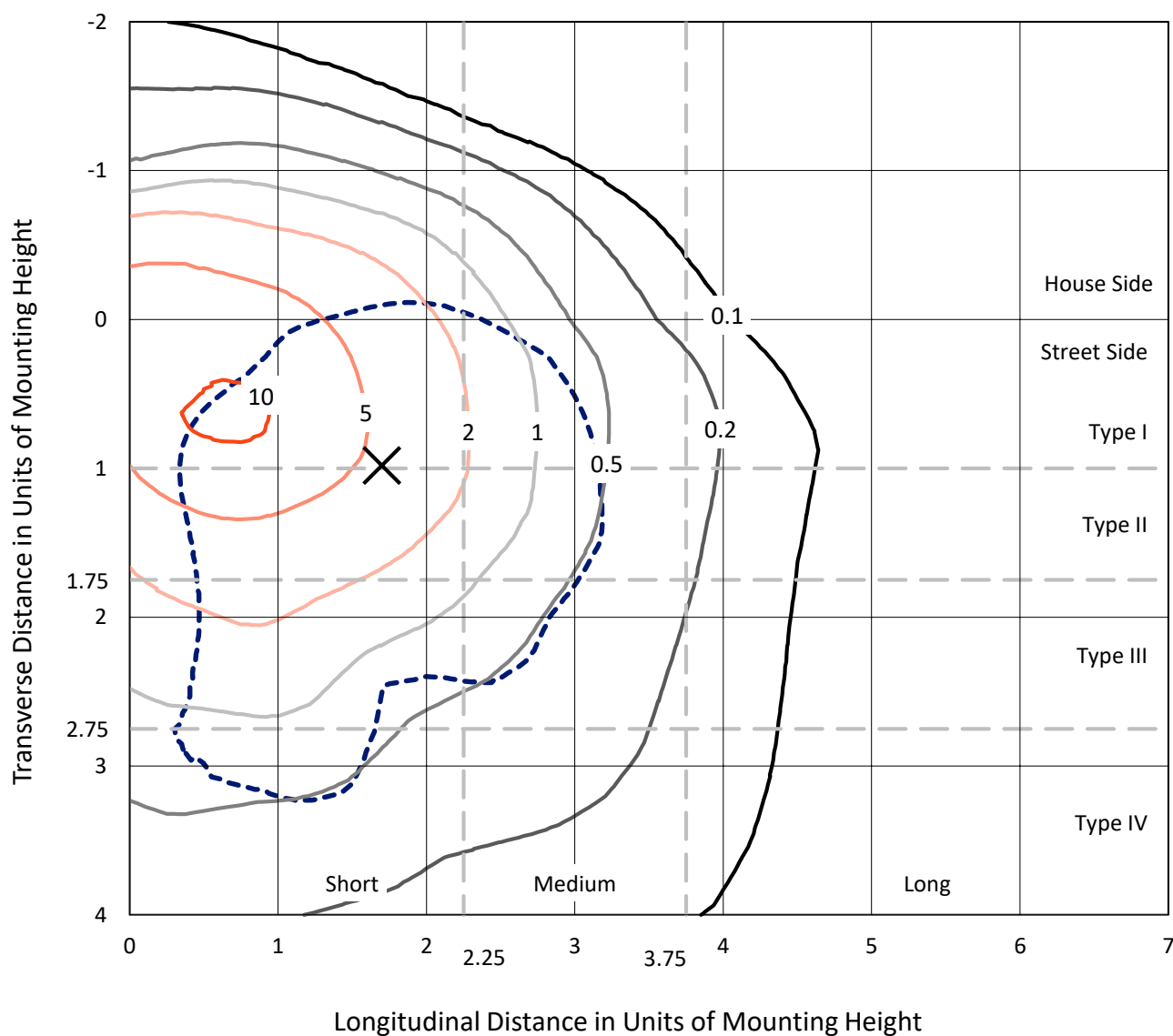
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

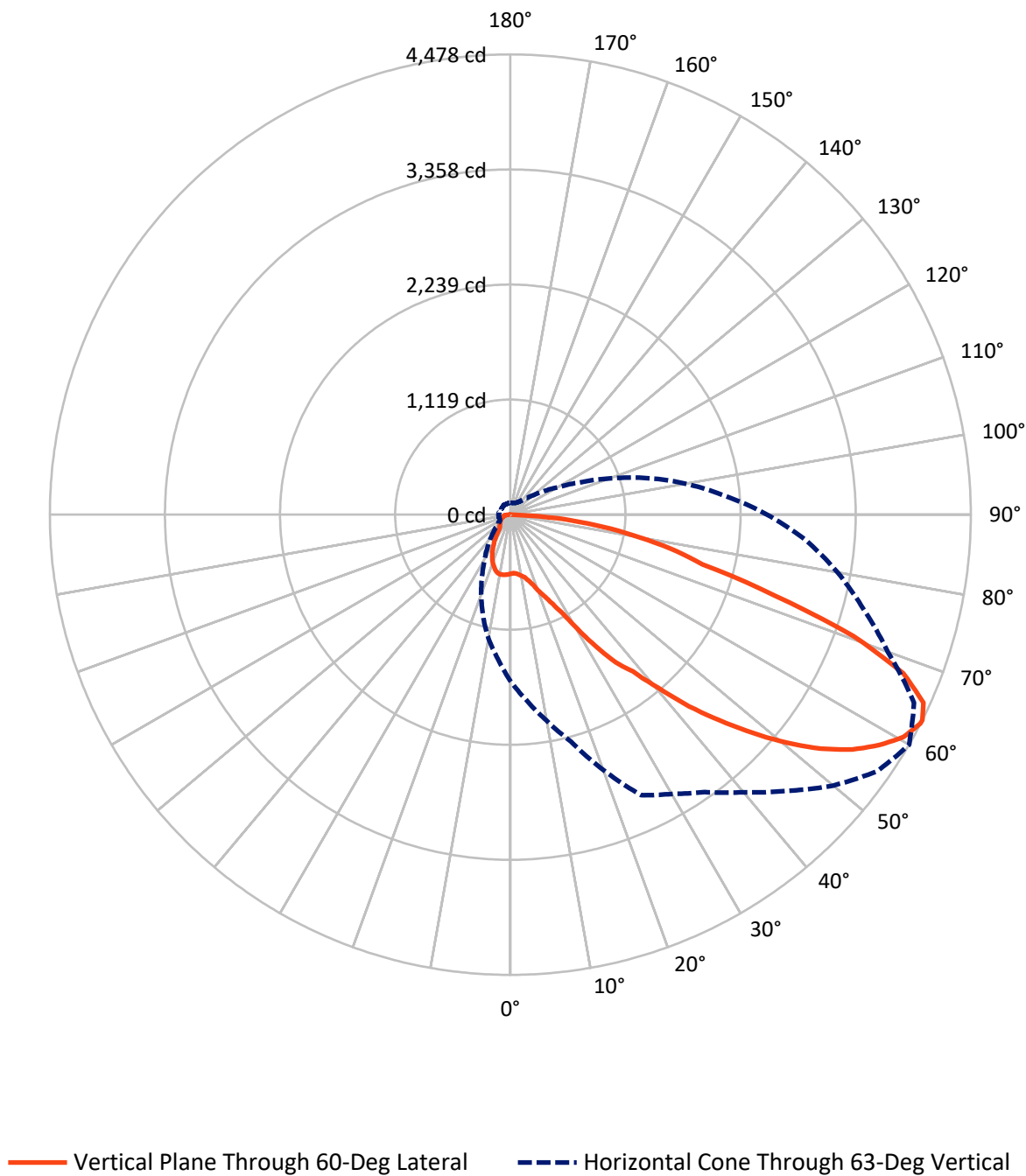


Based on 10 foot mounting height. Maximum calculated value = 11.4 fc
Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	992.0	0.0	992.0
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	3582.7	0.0	3582.7
	% Fixture	78.3	0.0	78.3
Total	Lumens	4574.7	0.0	4574.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	56.0	1.2
10°-20°	174.3	3.8
20°-30°	309.6	6.8
30°-40°	487.6	10.7
40°-50°	717.6	15.7
50°-60°	953.2	20.8
60°-70°	1049.9	23.0
70°-80°	658.7	14.4
80°-90°	167.8	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°	4574.7	100.0
0°-180°	4574.7	100.0

Coefficient of Utilization



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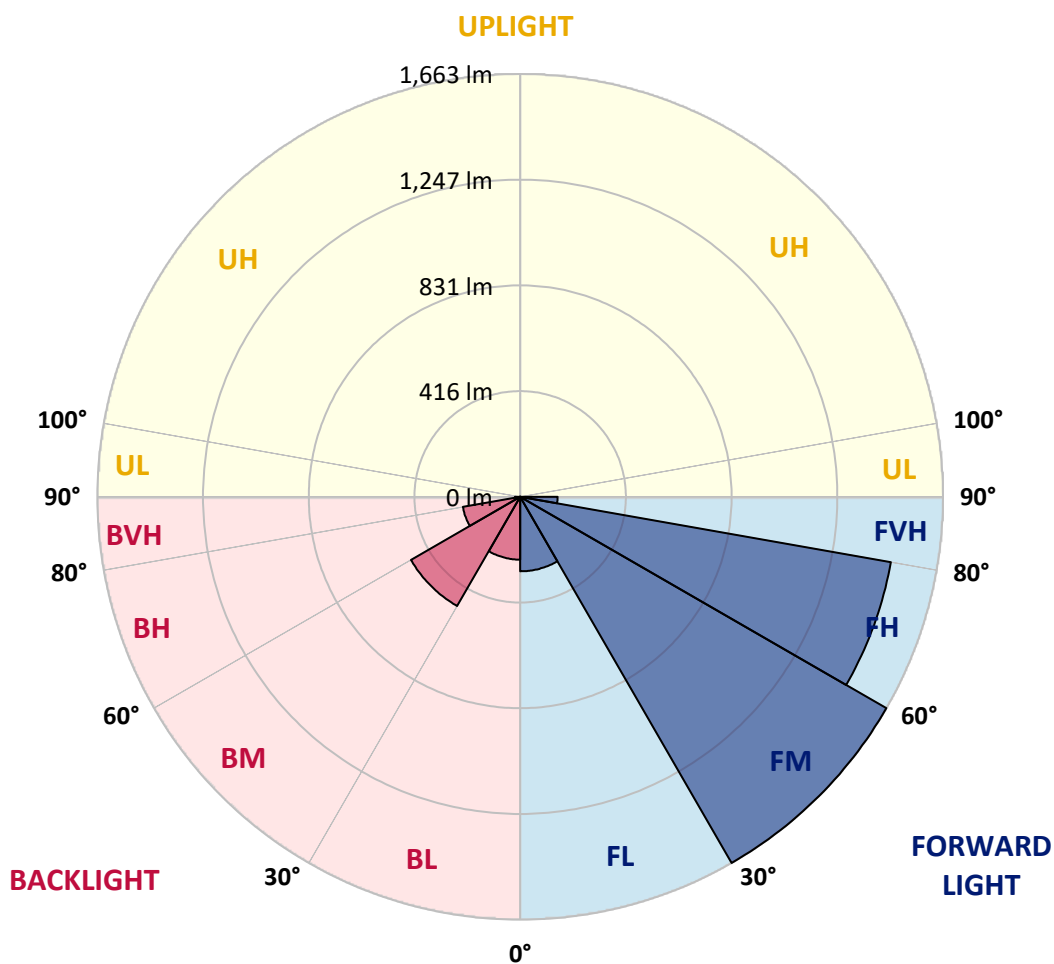
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	292.9	6.4			
FM	(30°-60°)	1662.6	36.3			
FH	(60°-80°)	1480.0	32.4			G1/1800
FVH	(80°-90°)	147.2	3.2			G2/225
BL	(0°-30°)	247.0	5.4	B1/500		
BM	(30°-60°)	495.8	10.8	B1/1000		
BH	(60°-80°)	228.7	5.0	B1/500		G1/500
BVH	(80°-90°)	20.5	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°	574.9	574.9	574.9	574.9	574.9	574.9	574.9	574.9	574.9	574.9	574.9
2.5°	567.2	568.3	568.3	567.8	567.8	568.9	568.3	567.8	566.1	568.3	568.3
5°	562.8	563.9	563.9	565.0	566.1	567.2	567.2	568.3	567.8	570.0	571.6
7.5°	568.3	569.4	571.6	574.3	576.0	579.8	579.8	582.6	583.7	585.3	584.8
10°	575.4	578.2	583.1	587.5	590.8	595.2	598.5	602.3	602.3	603.9	605.0
12.5°	588.0	590.8	596.3	601.7	606.7	612.2	617.1	620.9	624.8	625.9	628.1
15°	608.9	612.2	620.4	628.1	634.1	641.2	647.8	655.5	662.6	664.2	665.3
17.5°	640.1	646.7	652.7	666.4	675.2	684.5	694.9	705.9	708.1	719.6	722.3
20°	684.5	692.7	698.2	715.2	730.0	742.0	757.4	770.0	774.9	785.9	796.9
22.5°	761.2	759.6	767.8	784.8	795.8	819.9	833.0	846.2	852.8	869.2	878.0
25°	864.3	873.0	891.1	892.8	903.2	931.1	948.1	961.3	961.8	966.7	976.1
27.5°	965.6	1001.8	1030.3	1045.7	1073.6	1099.4	1098.3	1116.9	1087.9	1093.9	1102.7
30°	1088.4	1148.7	1202.4	1238.6	1267.1	1297.2	1312.0	1322.4	1309.8	1304.3	1293.9
32.5°	1203.5	1287.9	1370.6	1434.8	1487.9	1537.8	1570.7	1585.5	1603.0	1647.4	1663.3
35°	1282.4	1401.9	1504.9	1597.5	1686.3	1765.8	1823.3	1856.2	1843.6	1837.6	1834.3
37.5°	1329.5	1475.3	1604.1	1735.1	1837.0	1956.0	2045.3	2131.9	2151.6	2117.1	2100.1
40°	1359.1	1531.8	1697.3	1851.8	1983.9	2137.4	2248.1	2377.9	2476.6	2489.7	2449.2
42.5°	1373.4	1569.6	1762.5	1937.3	2116.0	2304.0	2444.3	2601.5	2749.0	2850.4	2825.1
45°	1375.6	1594.2	1810.2	2014.6	2227.2	2450.3	2631.1	2805.4	3002.7	3176.4	3181.4
47.5°	1375.6	1612.9	1843.1	2070.5	2327.0	2577.4	2774.7	2980.8	3222.5	3428.0	3491.0
50°	1376.7	1625.5	1873.7	2114.3	2403.2	2684.8	2907.9	3151.2	3405.5	3629.1	3750.8
52.5°	1381.6	1634.8	1897.9	2145.6	2452.5	2760.5	3011.5	3292.1	3545.3	3774.9	3932.2
55°	1392.6	1648.0	1915.4	2164.8	2485.4	2809.8	3086.6	3388.5	3635.7	3868.6	4088.4
57.5°	1423.3	1671.0	1936.8	2181.7	2503.4	2842.1	3139.2	3430.2	3670.2	3913.0	4171.1
60°	1484.6	1719.7	1973.5	2215.7	2533.6	2901.9	3164.4	3402.2	3645.0	3899.9	4189.8
62.5°	1582.7	1795.9	2024.5	2273.3	2619.6	2994.5	3145.2	3318.9	3545.8	3823.7	4123.5
63°	1616.7	1812.4	2036.0	2285.9	2643.2	3011.5	3137.0	3294.3	3525.5	3799.6	4099.9
65°	1711.5	1885.3	2090.8	2349.4	2740.2	3028.5	3072.9	3166.0	3385.2	3662.0	3960.7
67.5°	1888.5	2062.3	2208.6	2456.9	2821.9	2961.6	2873.9	2885.4	3114.5	3401.1	3669.7
70°	2000.3	2207.5	2283.7	2470.6	2807.1	2862.4	2616.3	2464.0	2647.6	2974.2	3209.3
72.5°	1971.3	2209.1	2200.9	2288.1	2511.1	2562.6	2307.8	2067.8	2176.8	2420.7	2573.0
75°	1688.5	1972.9	1912.7	1895.1	1973.5	2007.5	1816.2	1779.5	1917.0	2052.4	2054.6
77.5°	1215.6	1528.5	1457.8	1356.4	1350.9	1429.3	1455.0	1695.6	1899.0	2005.8	1958.7
80°	774.4	1113.6	1040.2	863.2	860.4	962.4	1188.7	1515.9	1731.3	1791.0	1668.2
82.5°	404.5	728.9	756.8	647.8	741.5	910.3	1131.2	1221.6	1303.2	1311.5	1166.8
85°	252.1	448.3	527.2	544.2	669.7	807.3	805.6	773.8	737.7	631.3	571.1
87.5°	28.5	56.4	85.5	81.1	109.1	152.9	190.7	111.8	78.4	28.5	39.5
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°	574.9	574.9	574.9	574.9	574.9	574.9	574.9	574.9	574.9	574.9	574.9
2.5°	569.4	570.0	570.5	570.5	573.2	572.7	573.2	574.3	576.0	577.1	578.2
5°	573.8	573.8	576.0	577.6	580.9	583.1	584.2	587.5	591.3	590.2	593.5
7.5°	588.0	587.5	589.7	590.8	593.5	597.4	596.8	599.6	602.8	603.9	606.7
10°	607.2	605.6	605.6	604.5	605.0	603.9	603.9	603.9	606.1	605.6	607.8
12.5°	627.0	626.4	625.3	622.0	622.0	617.6	615.4	612.7	612.2	608.3	608.9
15°	667.5	667.5	665.3	658.7	653.3	649.4	643.9	640.1	634.6	627.5	623.7
17.5°	726.7	719.0	716.3	715.2	706.4	703.1	691.1	678.5	672.4	662.6	657.1
20°	799.0	797.4	786.4	781.0	770.0	754.7	739.3	722.9	713.0	700.9	694.4
22.5°	880.7	868.6	863.2	854.9	838.0	820.4	797.4	775.5	760.1	751.9	747.0
25°	976.1	964.0	958.5	947.6	926.7	908.1	879.6	853.8	840.1	826.4	818.8
27.5°	1102.7	1091.1	1084.6	1056.1	1048.9	1018.3	983.2	948.1	930.0	909.7	896.6
30°	1291.7	1292.3	1258.3	1223.8	1188.2	1135.0	1098.3	1058.8	1029.2	1000.2	971.1
32.5°	1611.2	1529.6	1466.6	1392.6	1315.3	1258.8	1213.4	1166.2	1125.1	1082.9	1034.7
35°	1806.3	1766.9	1685.2	1549.9	1472.0	1403.5	1353.1	1296.1	1245.7	1171.2	1097.7
37.5°	2026.7	1935.1	1835.9	1760.9	1672.6	1593.2	1508.8	1444.1	1356.9	1256.7	1152.5
40°	2348.4	2217.4	2097.9	1997.1	1883.1	1799.8	1705.5	1611.8	1496.1	1350.9	1207.9
42.5°	2684.3	2548.9	2391.1	2260.1	2125.8	2028.3	1911.6	1780.0	1610.1	1430.4	1255.6
45°	3036.7	2855.8	2666.8	2506.7	2367.0	2245.9	2101.2	1926.9	1719.7	1501.6	1300.0
47.5°	3384.1	3176.4	2951.2	2779.1	2597.2	2449.2	2271.6	2051.3	1805.2	1569.0	1344.3
50°	3690.5	3490.5	3219.2	3000.5	2816.4	2633.9	2412.5	2147.2	1872.7	1627.1	1384.3
52.5°	3954.7	3782.6	3497.0	3220.8	3008.7	2803.8	2525.9	2224.5	1940.6	1680.8	1417.2
55°	4148.7	4034.1	3771.1	3428.5	3178.1	2933.7	2621.8	2299.0	2004.7	1723.6	1438.6
57.5°	4295.0	4231.4	4005.6	3624.2	3333.7	3059.7	2721.0	2388.4	2068.3	1760.3	1448.5
60°	4375.0	4392.5	4183.2	3795.2	3471.3	3164.9	2820.2	2464.5	2115.4	1781.7	1443.0
62.5°	4367.3	4474.7	4316.4	3900.4	3551.3	3227.4	2887.1	2500.2	2108.9	1747.7	1393.1
63°	4352.5	4477.5	4331.2	3907.5	3556.2	3229.6	2888.7	2495.2	2095.2	1731.3	1373.4
65°	4224.8	4414.5	4318.6	3875.2	3512.4	3188.5	2854.2	2424.0	1998.7	1643.0	1272.0
67.5°	3882.9	4120.2	4092.8	3646.7	3304.7	3018.6	2677.7	2194.4	1760.3	1426.0	1078.0
70°	3317.8	3540.9	3545.8	3171.5	2886.0	2605.4	2322.0	1785.5	1395.3	1105.4	804.0
72.5°	2542.9	2686.5	2736.4	2489.7	2298.5	2101.2	1846.9	1296.1	994.7	751.9	523.4
75°	1969.1	1929.6	1929.1	1825.0	1747.2	1650.7	1371.2	874.7	653.3	488.9	320.1
77.5°	1770.2	1594.8	1424.9	1300.0	1237.5	1205.1	899.3	527.2	385.3	281.1	184.1
80°	1460.0	1201.3	970.6	835.8	782.1	819.3	501.5	285.0	211.0	160.0	119.5
82.5°	1006.7	835.8	635.2	526.1	451.6	472.4	256.5	145.8	97.6	89.3	74.0
85°	524.5	459.8	388.0	333.2	294.3	258.7	133.2	69.6	40.6	35.6	32.3
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°	574.9	574.9	574.9	574.9	574.9	574.9	574.9	574.9	574.9	574.9	574.9
2.5°	579.8	579.3	580.4	580.9	582.6	583.7	584.2	583.1	584.8	586.4	585.3
5°	595.2	599.0	599.6	601.2	601.2	604.5	604.5	604.5	603.9	604.5	603.4
7.5°	608.3	613.3	613.8	616.0	616.5	620.4	618.7	619.8	619.8	617.1	616.0
10°	610.0	614.9	617.6	620.4	624.2	629.1	629.1	631.9	631.9	629.7	629.1
12.5°	610.5	614.4	617.1	620.9	626.4	633.5	637.4	641.2	642.9	642.3	640.7
15°	622.0	622.0	622.6	625.9	629.7	638.5	643.9	648.3	651.1	650.0	647.2
17.5°	652.2	647.8	644.5	639.0	640.1	644.5	647.8	651.6	652.2	651.1	646.7
20°	687.2	681.8	673.5	664.8	660.4	657.1	654.9	654.9	653.3	647.8	640.7
22.5°	737.1	730.0	718.5	705.3	696.6	686.1	673.5	661.5	648.3	635.2	619.8
25°	806.2	796.3	784.2	764.0	745.3	723.4	697.7	670.8	639.6	612.2	589.7
27.5°	875.8	853.8	822.6	794.7	760.1	727.2	690.5	657.6	617.6	584.8	560.1
30°	933.3	891.7	846.7	802.3	756.8	712.5	668.6	629.1	585.3	551.9	527.8
32.5°	977.7	920.2	857.7	799.6	743.7	689.4	639.0	595.2	550.8	516.3	490.5
35°	1018.8	938.8	859.3	787.5	718.5	662.0	605.0	557.4	510.2	474.1	446.1
37.5°	1049.5	947.6	849.5	765.1	685.6	622.6	564.5	515.7	467.5	428.0	396.2
40°	1069.2	942.1	828.1	732.7	646.7	580.4	521.2	470.8	424.2	380.9	342.5
42.5°	1085.1	935.0	806.7	703.1	616.0	543.7	482.8	428.6	381.4	334.3	292.1
45°	1108.7	940.4	797.4	682.3	588.6	512.4	445.6	389.1	339.8	293.7	253.2
47.5°	1131.7	943.2	783.7	656.6	554.1	480.1	412.1	357.3	306.9	264.7	227.4
50°	1152.5	941.5	762.3	623.7	520.6	447.7	382.0	327.2	277.3	238.4	203.3
52.5°	1162.4	932.2	736.0	591.9	493.8	419.3	352.4	299.2	249.9	213.2	180.9
55°	1161.3	908.1	701.5	561.7	464.2	389.1	323.3	270.7	226.3	192.4	164.4
57.5°	1144.9	870.8	664.8	528.3	425.3	351.8	289.4	238.4	201.1	172.6	149.1
60°	1110.3	823.2	616.5	479.5	376.5	305.8	247.2	203.3	173.2	151.3	135.9
62.5°	1045.7	754.7	556.3	411.6	310.7	246.1	195.1	166.6	144.1	131.0	123.9
63°	1026.5	736.0	530.5	395.1	295.4	232.4	184.1	154.5	138.1	126.6	120.0
65°	931.1	644.5	443.9	319.0	229.6	179.2	148.0	125.5	115.6	110.7	110.2
67.5°	754.1	506.9	314.0	218.7	156.2	129.3	113.4	104.1	99.7	98.6	99.7
70°	529.4	320.1	199.5	145.2	115.6	104.1	97.0	93.2	90.4	91.0	92.1
72.5°	337.6	191.8	137.0	110.2	97.6	91.5	88.2	87.1	86.6	86.0	86.0
75°	192.4	127.7	105.2	95.4	88.8	83.9	81.1	80.0	80.6	81.1	80.0
77.5°	127.1	105.2	93.7	87.1	81.1	75.6	74.0	73.4	74.5	75.6	75.6
80°	100.3	93.7	87.1	80.6	70.7	66.9	68.0	68.5	68.0	68.5	66.9
82.5°	70.7	69.6	71.2	68.5	58.6	55.4	54.3	54.8	53.7	53.7	52.6
85°	32.9	32.9	34.5	34.5	33.4	34.0	36.7	40.0	41.7	40.0	37.8
87.5°	0.0	0.0	0.0	0.0	0.0	4.9	9.9	14.2	15.3	19.2	18.6
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):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	574.9	574.9	574.9	574.9	574.9	574.9	574.9	574.9	574.9	574.9	574.9
2.5°	583.7	584.8	584.2	583.7	584.8	583.7	584.2	583.7	583.7	583.1	583.1
5°	602.3	603.9	600.7	600.1	599.0	596.3	596.3	595.2	595.2	593.0	591.3
7.5°	614.4	614.9	612.2	611.6	608.9	606.1	603.9	601.7	601.2	599.6	596.3
10°	625.9	624.8	622.6	619.8	617.1	613.3	610.5	607.8	607.2	604.5	600.7
12.5°	635.7	635.2	630.8	628.1	623.7	619.8	616.5	613.3	611.6	608.3	602.8
15°	642.3	639.0	633.5	628.6	623.7	619.3	615.4	611.6	610.0	606.1	600.7
17.5°	639.6	633.5	626.4	620.4	613.8	608.3	605.0	601.2	598.5	596.3	588.6
20°	629.7	620.9	610.0	602.8	594.1	587.0	584.8	580.9	578.7	570.5	560.6
22.5°	603.9	591.3	577.6	567.2	557.4	550.2	544.8	540.9	535.4	530.5	515.2
25°	571.6	557.4	543.1	530.5	517.3	506.4	496.5	487.2	484.5	474.1	459.3
27.5°	540.4	524.5	510.2	495.4	478.4	464.7	447.7	434.6	425.8	414.9	401.2
30°	506.9	491.0	471.9	452.1	432.4	417.6	398.4	382.5	371.6	360.1	347.5
32.5°	464.7	445.6	422.5	400.6	382.5	365.0	345.8	330.5	319.5	309.1	297.0
35°	416.5	391.3	366.6	342.5	323.3	308.5	291.6	280.0	272.4	263.1	250.5
37.5°	361.2	332.7	306.4	287.7	270.7	256.5	244.4	237.3	229.1	224.1	216.5
40°	305.3	277.3	251.6	234.6	220.3	212.1	205.5	203.9	198.4	191.8	186.9
42.5°	255.9	229.1	203.9	190.2	180.9	178.7	175.4	175.4	172.6	167.7	164.4
45°	222.5	194.6	172.6	162.8	157.8	157.3	155.6	155.6	155.1	152.9	149.1
47.5°	198.4	173.2	156.2	150.2	149.1	148.0	146.3	145.8	145.2	143.6	141.4
50°	176.5	155.1	144.1	141.4	141.9	140.3	138.7	137.0	136.5	134.8	132.6
52.5°	156.2	140.8	133.7	132.1	132.1	132.1	131.0	131.0	129.9	129.3	127.1
55°	144.7	133.2	129.3	128.8	128.2	127.7	126.6	126.6	125.5	125.0	122.2
57.5°	134.8	127.7	125.5	124.4	123.9	122.8	122.2	122.2	122.2	122.2	118.9
60°	127.1	123.9	123.3	122.2	121.7	119.5	118.4	117.8	118.4	118.9	115.6
62.5°	118.9	118.4	117.8	116.7	116.2	114.0	112.3	111.3	112.3	113.4	112.9
63°	116.7	116.2	116.2	115.6	115.1	112.3	110.7	109.6	110.7	111.8	111.8
65°	109.1	109.6	109.6	109.1	108.5	106.9	104.7	103.6	104.1	105.8	106.3
67.5°	100.8	101.4	100.8	101.4	100.8	99.7	98.1	97.0	96.5	97.0	97.6
70°	93.2	94.3	93.7	93.2	92.6	92.6	91.5	89.9	89.3	88.8	88.8
72.5°	86.6	86.6	85.5	85.5	84.9	84.9	83.9	82.2	81.7	81.7	80.6
75°	79.5	79.5	77.8	77.8	76.7	77.3	76.2	74.5	74.0	74.0	73.4
77.5°	75.1	73.4	70.7	70.1	69.6	69.6	69.1	67.4	66.9	66.9	66.3
80°	66.3	63.0	60.3	59.7	60.3	61.4	61.4	60.3	60.3	60.3	60.3
82.5°	51.5	50.4	48.8	47.7	47.7	49.3	51.5	52.6	53.7	54.8	54.8
85°	37.8	38.4	37.8	36.2	35.6	37.3	39.5	41.7	42.2	44.4	43.8
87.5°	20.3	20.8	19.2	18.6	20.3	21.4	23.6	24.1	25.2	25.8	26.3
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):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	574.9	574.9	574.9	574.9	574.9	574.9	574.9	574.9	574.9	574.9	574.9
2.5°	582.6	582.0	582.6	581.5	581.5	580.4	579.3	578.7	577.6	577.1	576.0
5°	592.4	590.8	589.1	588.6	586.4	584.2	582.6	579.8	577.6	573.8	572.7
7.5°	599.0	595.2	593.0	592.4	589.1	587.5	583.7	580.4	577.1	572.2	570.5
10°	601.7	597.9	594.1	592.4	588.6	585.9	582.0	577.1	574.3	569.4	568.3
12.5°	605.0	597.9	591.9	587.5	582.0	576.0	572.2	569.4	565.6	562.8	561.7
15°	599.0	589.7	580.4	572.2	563.4	556.8	553.0	548.6	544.2	542.6	542.6
17.5°	582.6	570.5	554.6	544.2	534.9	527.8	522.8	518.4	517.9	515.7	516.8
20°	548.6	532.7	517.3	509.7	504.2	499.8	494.9	492.7	491.0	487.8	486.7
22.5°	501.5	488.3	477.3	471.9	467.5	462.0	457.6	451.0	449.4	446.1	444.5
25°	449.4	439.0	429.7	425.8	423.1	415.4	412.7	403.9	397.9	394.0	396.2
27.5°	397.3	389.7	380.9	376.0	374.3	367.2	364.4	354.6	349.6	349.6	344.2
30°	343.6	336.5	331.0	325.5	324.4	315.7	308.5	304.7	299.2	297.0	293.2
32.5°	293.2	286.1	281.7	279.0	274.6	267.4	260.3	253.7	245.0	241.7	240.0
35°	246.6	241.1	235.7	233.5	227.4	219.8	211.0	205.5	195.1	191.3	189.6
37.5°	211.0	204.4	200.6	194.6	188.5	180.3	173.7	168.8	165.0	163.3	163.3
40°	182.5	177.6	173.2	168.2	163.3	158.9	155.6	154.5	154.0	154.0	155.1
42.5°	161.1	156.7	154.5	151.8	150.2	150.2	149.6	150.2	150.7	151.3	152.9
45°	146.9	144.1	143.0	142.5	143.6	144.7	145.2	146.3	148.5	149.6	150.2
47.5°	139.2	137.0	136.5	137.0	138.7	140.8	143.0	144.7	146.3	146.9	147.4
50°	131.5	128.8	127.7	128.8	131.0	134.3	135.9	138.7	139.8	140.8	139.8
52.5°	125.0	122.8	122.2	122.2	124.4	126.6	128.8	131.0	131.5	131.5	131.0
55°	119.5	117.8	116.2	117.3	118.9	121.1	124.4	126.0	127.1	127.7	127.7
57.5°	115.1	113.4	111.8	112.9	114.5	116.7	120.0	121.7	122.8	124.4	125.0
60°	111.8	109.6	108.0	109.6	111.3	114.5	117.3	118.9	121.7	122.2	122.2
62.5°	108.5	106.3	103.6	105.2	105.2	106.9	109.6	111.8	114.5	115.6	115.6
63°	108.0	105.8	103.0	104.1	104.1	105.2	107.4	109.6	112.9	114.0	113.4
65°	103.6	103.0	100.3	100.3	99.2	100.3	101.9	104.1	105.8	107.4	107.4
67.5°	96.5	95.9	95.4	95.4	95.4	96.5	97.6	99.2	100.8	101.9	101.4
70°	88.2	88.2	88.2	88.8	88.8	89.9	90.4	89.9	91.5	92.6	92.1
72.5°	81.1	80.6	80.0	81.1	80.6	80.6	81.7	81.1	82.8	82.8	83.3
75°	73.4	72.9	72.9	73.4	72.3	71.2	71.8	71.8	72.3	72.3	73.4
77.5°	66.9	66.9	66.9	66.3	65.2	64.7	64.1	64.1	64.1	64.1	64.7
80°	60.8	60.8	60.8	60.3	59.2	58.1	57.0	56.4	55.9	53.2	53.2
82.5°	54.8	54.8	54.8	54.8	54.3	53.2	51.5	47.1	44.9	42.7	43.3
85°	43.3	44.4	45.5	47.1	46.6	46.6	43.3	37.8	34.5	32.3	32.9
87.5°	28.0	24.7	24.7	24.1	23.0	21.9	21.9	18.6	15.3	13.7	14.2
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°	574.9	574.9	574.9	574.9	574.9	574.9	574.9	574.9	574.9	574.9	574.9	0°
2.5°	576.0	574.9	573.8	573.8	572.2	572.2	571.1	573.2	571.1	569.4	569.4	2.5°
5°	571.6	570.5	567.2	566.7	564.5	564.5	564.5	563.4	563.4	562.3	561.7	5°
7.5°	568.9	566.1	563.4	561.7	561.7	560.6	562.8	561.7	562.3	562.3	562.8	7.5°
10°	566.7	564.5	563.4	562.8	562.8	564.5	566.1	566.7	566.1	566.7	566.7	10°
12.5°	561.2	562.3	562.8	565.0	567.8	571.1	574.9	575.4	576.5	576.5	577.6	12.5°
15°	543.7	546.4	549.7	555.2	562.3	569.4	576.5	582.6	588.0	590.8	593.0	15°
17.5°	519.0	521.7	527.8	533.8	543.1	553.5	565.6	576.0	587.5	597.9	608.3	17.5°
20°	485.6	489.9	491.6	502.6	513.5	527.8	542.0	558.5	578.2	597.9	618.2	20°
22.5°	442.3	447.2	454.9	463.6	475.2	492.7	509.7	535.4	561.7	589.7	621.5	22.5°
25°	394.0	399.5	406.1	415.4	426.9	445.6	470.2	497.6	530.0	566.7	606.1	25°
27.5°	344.2	349.6	355.1	361.7	374.9	394.6	423.6	452.1	487.8	527.8	573.8	27.5°
30°	294.3	294.8	298.1	306.4	320.1	345.8	367.2	402.8	440.1	482.3	535.4	30°
32.5°	239.5	238.9	242.8	249.9	263.1	287.7	314.0	348.6	385.3	438.4	493.2	32.5°
35°	190.7	190.7	197.8	205.0	219.8	237.3	260.3	291.0	334.3	383.6	438.4	35°
37.5°	165.0	168.8	173.2	180.3	191.8	205.5	225.8	252.6	286.6	333.8	384.2	37.5°
40°	156.7	158.9	162.8	169.3	179.2	191.8	206.6	226.9	253.2	291.0	337.0	40°
42.5°	153.5	154.0	156.2	161.1	169.9	182.5	197.8	215.9	235.7	262.5	302.5	42.5°
45°	150.2	149.6	150.7	154.5	161.7	175.9	193.5	213.2	232.9	255.4	288.3	45°
47.5°	147.4	147.4	147.4	149.1	155.6	169.9	190.2	213.2	236.8	262.0	294.3	47.5°
50°	139.8	139.2	139.2	140.3	145.2	160.6	184.7	212.6	243.3	276.2	312.9	50°
52.5°	131.0	131.0	131.5	132.1	136.5	151.8	178.7	212.6	251.0	294.8	340.9	52.5°
55°	128.2	128.8	129.3	128.8	132.1	145.2	172.1	209.4	254.3	309.6	371.0	55°
57.5°	126.0	127.1	127.1	126.6	128.8	139.8	165.5	202.8	251.6	315.1	392.4	57.5°
60°	122.8	122.8	122.8	121.1	122.2	132.1	155.6	192.4	242.8	310.2	395.7	60°
62.5°	115.6	115.6	114.5	114.0	113.4	121.1	142.5	177.0	226.9	297.0	387.5	62.5°
63°	114.0	113.4	113.4	111.8	111.8	118.9	139.8	174.8	222.5	293.7	384.2	63°
65°	108.0	108.0	108.0	106.9	106.3	111.8	128.8	159.5	205.5	278.4	367.7	65°
67.5°	101.4	101.9	100.8	100.3	99.7	103.0	116.2	140.3	179.2	246.1	337.0	67.5°
70°	92.1	92.6	92.6	92.1	91.5	93.7	101.9	120.6	148.5	205.0	287.2	70°
72.5°	83.9	84.9	84.9	86.0	86.0	87.7	91.0	100.3	118.9	160.0	225.8	72.5°
75°	75.1	75.6	76.7	77.8	76.7	76.2	76.7	83.9	93.2	118.4	161.1	75°
77.5°	67.4	69.1	69.1	68.5	66.9	65.8	65.8	69.1	76.7	89.9	115.1	77.5°
80°	55.9	58.6	59.2	57.5	55.9	55.9	57.0	59.2	64.1	74.0	87.1	80°
82.5°	44.9	47.7	48.2	48.8	48.2	49.9	49.9	50.4	53.2	60.8	71.2	82.5°
85°	34.5	36.7	38.4	38.9	39.5	40.0	39.5	36.7	38.4	43.3	48.2	85°
87.5°	15.3	15.9	14.8	15.3	14.8	15.3	15.9	13.2	12.6	17.0	17.5	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°
574.9	574.9	574.9	574.9	574.9	574.9	574.9
568.9	568.9	569.4	568.3	568.3	568.9	567.2
560.1	562.3	562.3	562.3	561.2	562.3	562.8
562.3	563.9	565.0	565.0	564.5	566.7	568.3
565.0	567.8	568.9	568.9	568.9	571.6	575.4
575.4	577.6	579.3	579.3	580.4	583.7	588.0
594.6	597.4	597.4	596.8	600.1	603.9	608.9
616.0	623.7	627.5	627.0	629.7	634.6	640.1
636.3	657.6	667.0	673.5	676.3	682.9	684.5
653.3	688.9	714.6	736.6	747.0	753.6	761.2
647.2	695.5	741.5	786.4	818.2	850.6	864.3
622.6	682.9	743.1	808.9	866.5	924.0	965.6
592.4	664.8	745.9	839.0	930.0	1018.3	1088.4
557.9	647.8	751.9	867.0	986.5	1102.1	1203.5
514.6	615.4	737.1	869.7	1010.6	1150.9	1282.4
459.8	571.6	702.6	850.0	1011.7	1172.3	1329.5
405.0	516.3	658.7	821.5	997.4	1177.2	1359.1
366.6	466.9	614.4	785.3	974.4	1169.5	1373.4
340.3	431.3	574.9	752.5	949.8	1155.8	1375.6
338.1	416.0	549.1	728.3	930.0	1143.8	1375.6
356.8	424.2	540.4	716.3	921.8	1139.9	1376.7
391.8	457.1	556.3	725.6	928.4	1144.9	1381.6
434.0	506.9	599.0	757.9	956.3	1161.3	1392.6
472.4	564.5	671.9	820.4	1007.3	1202.9	1423.3
494.9	613.8	749.2	908.1	1094.4	1285.7	1484.6
497.6	641.2	817.7	1003.5	1200.2	1380.5	1582.7
495.4	643.4	826.4	1021.5	1222.7	1404.1	1616.7
483.4	643.9	851.1	1085.1	1300.5	1503.3	1711.5
452.7	626.4	859.9	1135.0	1398.6	1633.7	1888.5
399.5	576.5	834.1	1136.1	1436.4	1706.6	2000.3
321.2	481.7	722.9	1033.6	1336.7	1634.8	1971.3
235.1	354.0	546.4	800.7	1090.6	1360.8	1688.5
156.2	229.1	368.3	570.5	782.1	979.3	1215.6
107.4	141.9	215.4	343.1	478.4	574.3	774.4
78.9	93.7	119.5	175.4	230.2	283.3	404.5
49.3	53.7	59.7	86.6	123.9	167.2	252.1
13.2	13.7	12.6	17.0	26.9	25.8	28.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)