



# Truly's TFT Fab: All Brand New

## Truly's New TFT Fab

**Complete front process fab includes all steps through back end.**

**TFT Facility and all the equipment inside are **all brand new**.**

**Started in 2006, completed May 2007. Full production from Jul 2007.**

**2.5G = Mother glass = 370 x 470 mm, thickness = 0.4 ~ 0.7mm.**

**Production capacity for glass = 6,000,000 / month of 2" size.**

**Production capacity for modules = 4,000,000 / month of 2" size.**

**TFT factory size = 540,000 square feet!**



# Development Roadmap

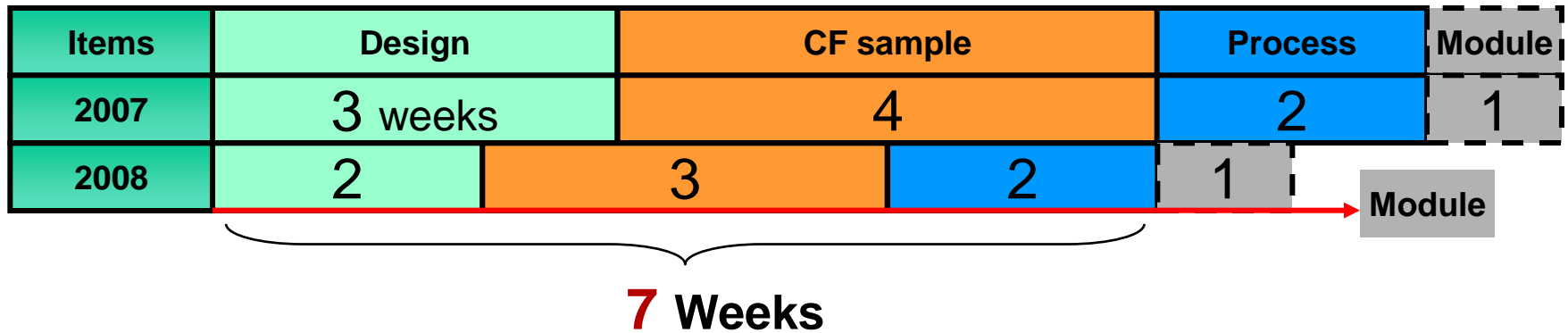
Time	Plan
■ 2007.Q1	Equipment installation
■ 2007.Q2	First sample and Pilot-plant
■ 2007.Q3	Start MP
■ 2008.Q1	Sample and MP for Transflective type
■ 2008.Q2	Expand capacity 4,000,000 modules/month



## Truly TFT Advantages

1. Flexible to adapt MP to customer needs; Small MOQ for custom TFT  
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2. Low tooling cost from 2.5G and fast tooling lead-time; Fast response  
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3. Focus on small & medium size products (less than 8")  
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4. Focus on Automotive OEM market, P-LCM, LCM applications  
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5. Brand new equipment and clean room; long life for TFT products  
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# Fast Response for Custom TFT



2007: Lead time to first module sample = 10 weeks;

2008: Lead time to first module sample = 8 weeks!

# Roadmap for Specifications

	<b>Spec</b>	<b>Industrial</b>	<b>Automotive</b>	<b>Comment</b>
1	<b>Thickness</b>	<b>0.30~0.7mm</b>	<b>0.30~0.7mm</b>	
2	<b>Main Size</b>	<b>&lt; 8"</b>	<b>&lt; 8"</b>	<b>10.4" coming</b>
3	<b>Resolution</b>	<b>800 x 480</b>	<b>800 x 480</b>	<b>800 x 600 coming</b>
4	<b>Matrix (PPI)</b>	<b>222</b>	<b>222</b>	
5	<b>BM</b>	<b>≥1.6mm</b>	<b>≥1.6mm</b>	
6	<b>Seal size</b>	<b>8 x 0.5mm</b>	<b>0.30~0.7mm</b>	
7	<b>Operating Temp</b>	<b>-20°C~+70°C</b>	<b>-30 °C~+85°C</b>	
8	<b>Storage Temp</b>	<b>-30°C~+80°C</b>	<b>-40°C~+90°C</b>	
9	<b>Display Mode</b>	<b>Transmissive</b>	<b>Transmissive</b>	<b>TF available now</b>
10	<b>Contrast Ratio</b>	<b>≥ 300:1</b>	<b>≥ 300:1</b>	
11	<b>Response Time</b>	<b>40ms</b>	<b>40ms</b>	
12	<b>Transmittance</b>	<b>5 ~ 7%</b>	<b>5 ~ 7%</b>	
14	<b>NTSC</b>	<b>65%</b>	<b>65%</b>	
15	<b>Viewing Angle</b>	<b>-80° ~ +80° , -80° ~ +80°</b>	<b>- 80° ~ +80° , -80° ~ +80°</b>	<b>CR≥10: 1</b>

# Commitment & Enthusiasm



Let us apply our commitment & enthusiasm to your projects!