

LED Module with Lens  
**TKML5730W3-2**



LED Quantity: 3 LEDs  
 LED Type: SMD 5730  
 Voltage(v) : 12V  
 Power(w) : 0.72 W  
 Size(mm) : 66\*16\*4.6mm  
 Colour : WW / PW / R / G / B / Y  
 Coloration index : Ra>65

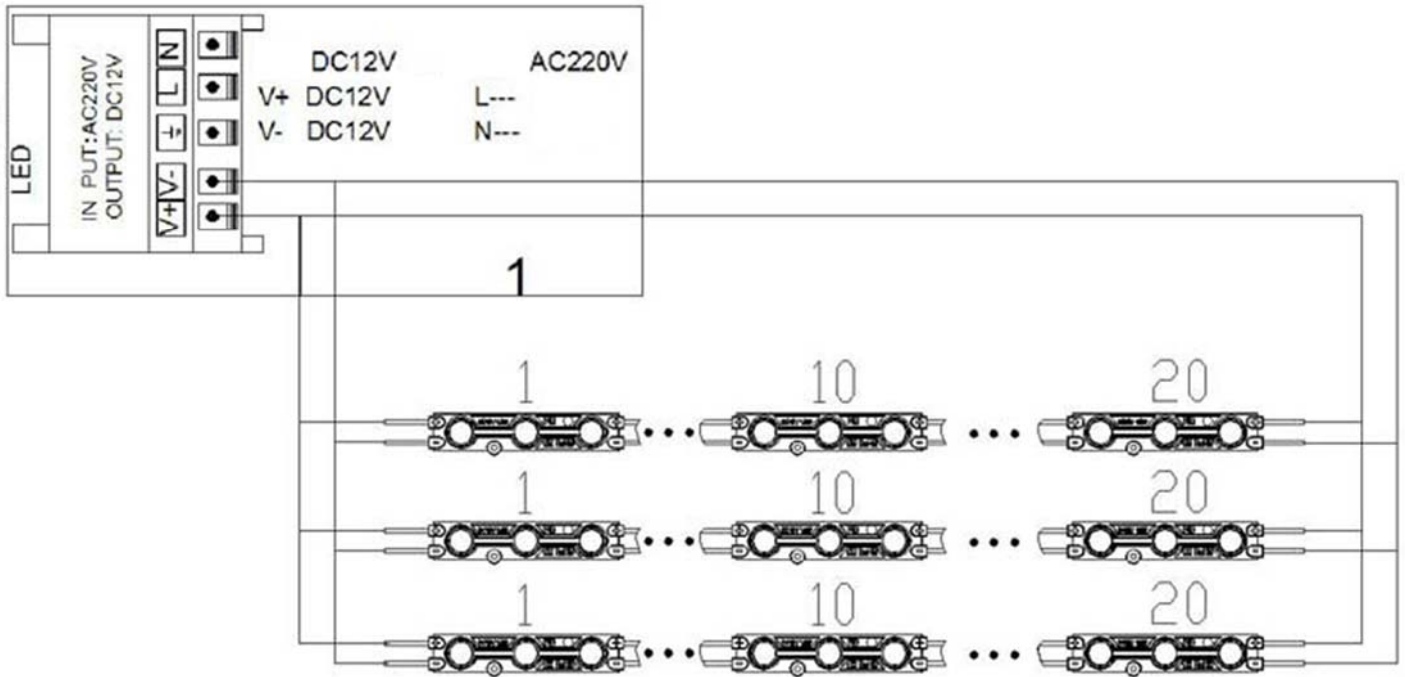


Product features:

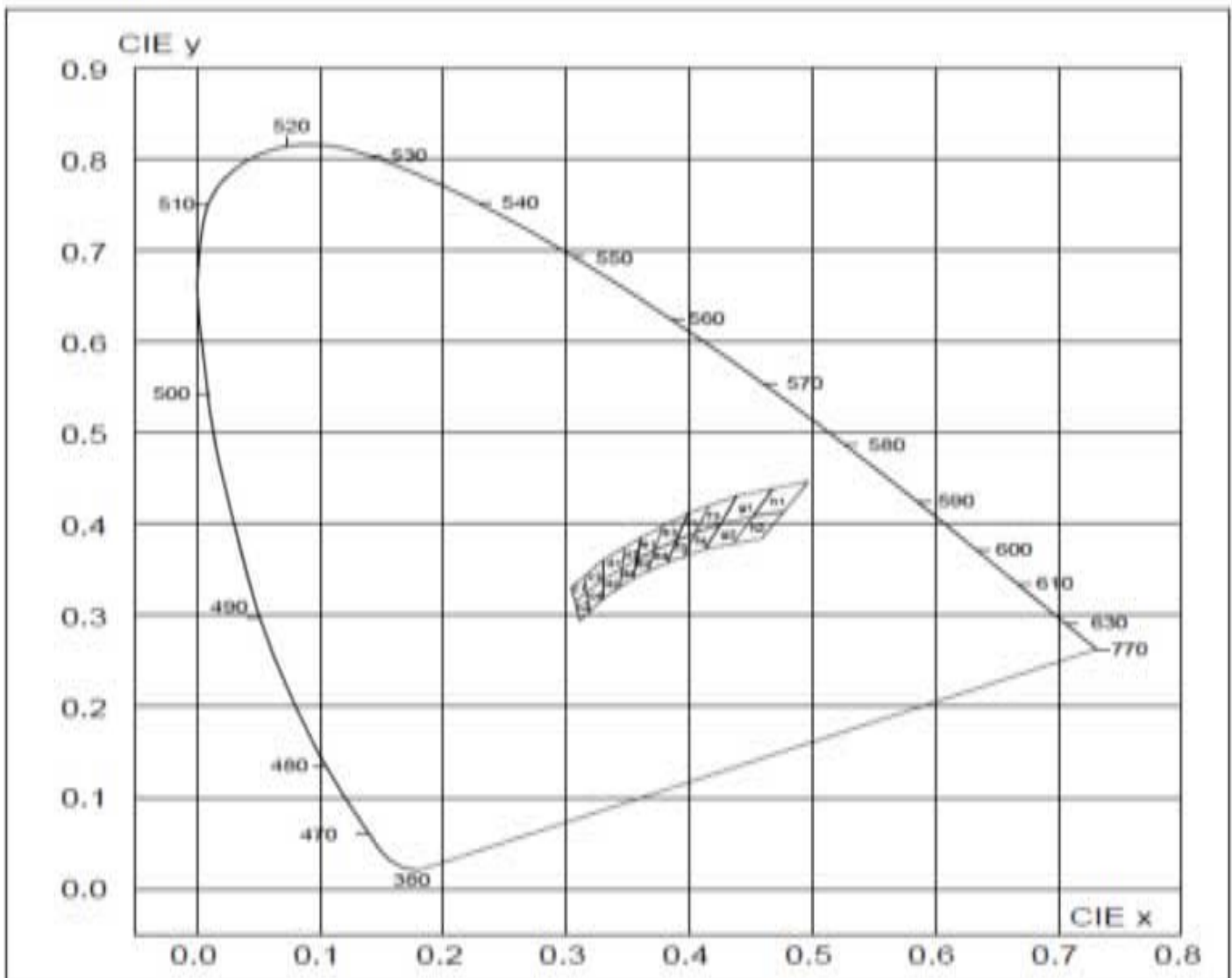
- *This injection led modules are beautiful, generous, elegant high-end.*
- *They adopt high brightness SMD 5730 LEDs. The lens make the view angle smaller and give out long distant lights. These are ideal for light box.*
- *Enclosed in silica gel material package and with a light decline less than 5% after 1000 hours of functioning. It has a total life span of 50000 hours.*
- *These have an anti-static, anti UV, fire retardant shell, strong weather resistance and no colour change.*
- *Low power consumption, long life span, three years warranty.*

Comparison Chart		TKML5050W2-2	TKML5050W3-2	TKML5730W3-2
Dimension		48x15*4.6mm	66*16*4.6mm	81*16*4.6mm
LED type		SMD5050	SMD5050	SMD5730
Power :		0.48W	0.72W	1.2W
Color		W/WW/R/G/B	W/WW	
View angle(2θ1/2)		160°	160°	160°
LED QTY		2PCS	3PCS	
lifespan		50,000h		
Electrical parameters	Working voltage	DC12V		
	Power :	0.48W	0.72W	1.2W
	Drive mode :	Constant voltage		
Installing	Interface	UL1007 20#wire white and gray wires, gray stand for positive pole, white stand for negative pole, the length is 70mm		
	Standard connection count	20pcs		
	The max connection count	≤50pcs		
	with screw	M3*15 screws		
	3M adhesive	3M double adhesive		
enviromental parameters	Working temperature	-40°C ~ +60°C		
	Stock temperature	-50°C ~ +80°C		
	The storage environment	Keep room ventilation ,There should be no corrosives in the air and avoid exposing to sunlight		
	IP Rank	IP65		

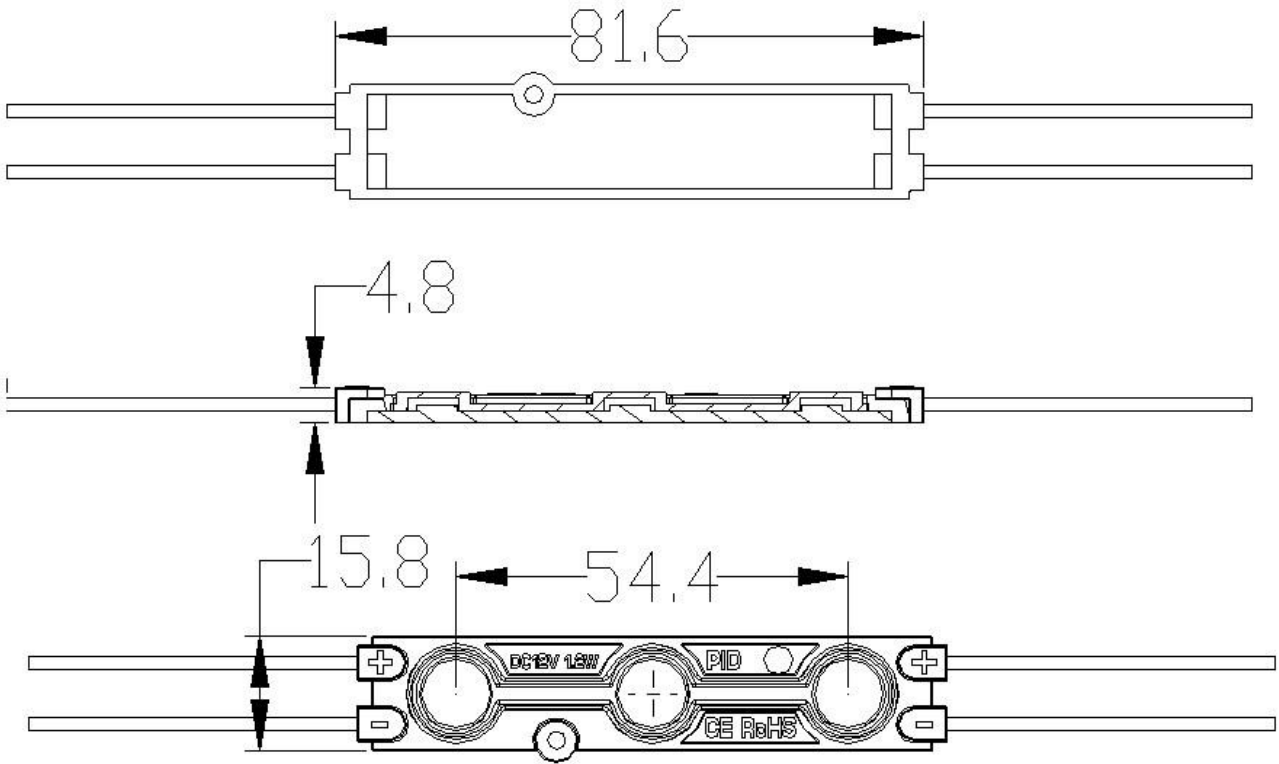
Connections:



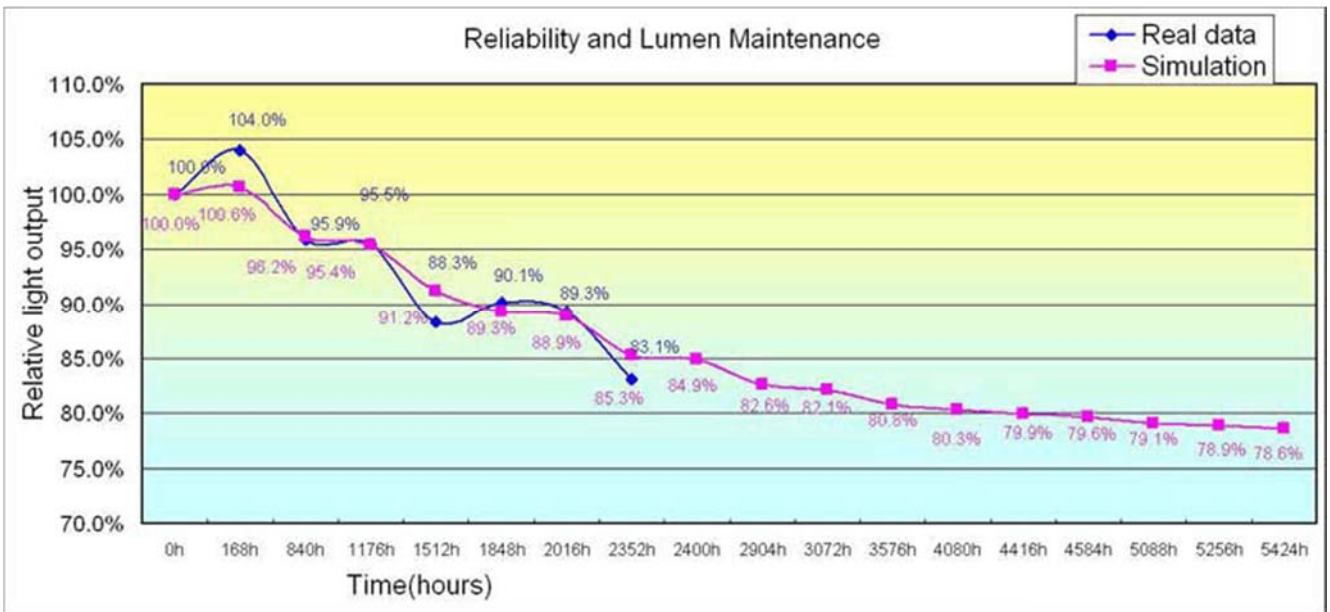
Colour coordinates diagram:



Dimensions:



Luminosity decay curves:



Remark:

- Testing environment temperature is  $25\pm 2^{\circ}\text{C}$
- The above data are typical values, the actual data of the product may be different from the typical data
- The modules are high-power products, cannot use double-side power supply method

Data is subject to change without prior notice

Warnings:

- Please do not connect power supply when the light is still in box.
- Please do not connect high voltage before the installation, and make sure that the fixture connect the earth.
- Change the protection cover completely if it was broken.
- Pay attention to anti-fire, anti-shock and anti-vibration regulations.
- Please kindly read the instructions before installation, and keep it safe for your future reference.

Notice:

- Caustic or dissolvent chemicals may damage the protection case.
- Normal working temperature:  $-35^{\circ}\text{C} \sim 40^{\circ}\text{C}$ , if this range is overcome, it will affect the lifespan of the LEDs.
- Storage temperature range is as follows:  $-25 \sim 60^{\circ}\text{C}$ .
- If used with components from a different supplier, we have no responsibility for damage and malfunctioning.

Common failures and solutions:

- If the device will not light up, please check whether it's connected to the right power supply.
- If the device has intermittent functioning, please check whether the connection between power supply and lamp is stable enough and there are no interferences which might disrupt the power cables.

Note: Please contact your technicians in case none of the above solutions work.

Usage:

1. Bus, shuttle, railcar passenger interiors; 2. Uninterrupted Emergency lighting; 3. Focused reading and task lighting; 4. Interior design uses; 5. Closet illumination; 6. Cove lighting; 7. Marine recreation applications; 8. Concealed accent lighting; 9. Edge lighting; 10. Under counter lighting; 11. Cubicle, workbench lighting; 12. Recreational vehicle interiors.

Attention:

- Please do not use rough brushes or cleanser to wipe this products, do not use high pressure jets to wash the product as it would be harmful for the waterproof components;
- Please do not use sharp objects while handling these products, or you may damage the internal circuitry;
- Please do not apply excessive force while handling;
- At the end of the products lifespan contact your local wastes authority or retailer to ask for recycling methods;
- Recommended working environment temperature is  $-20 \sim 40^{\circ}\text{C}$ ;
- Please do not install the products or turn them on if there is any sign of damage to the external case or wiring;
- These products must be installed by qualified personnel only;

If there are any doubts about the specifications of the device, please address the manufacturer.

Packing:



LED Module

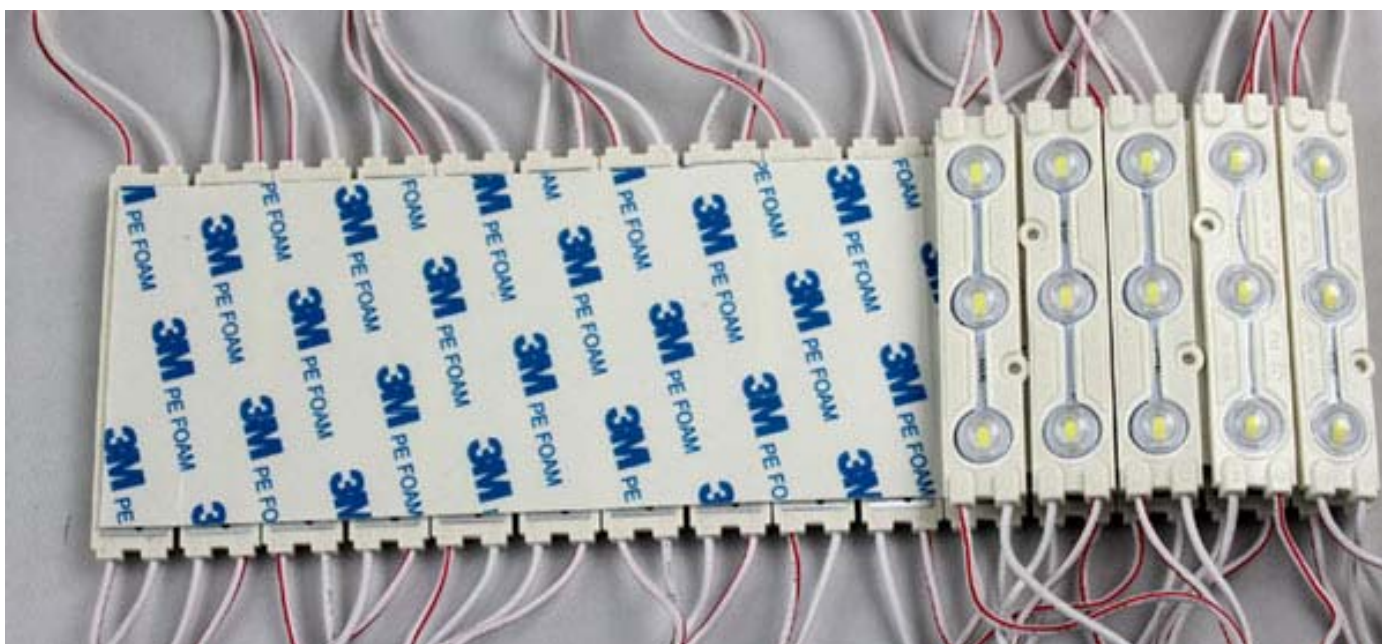
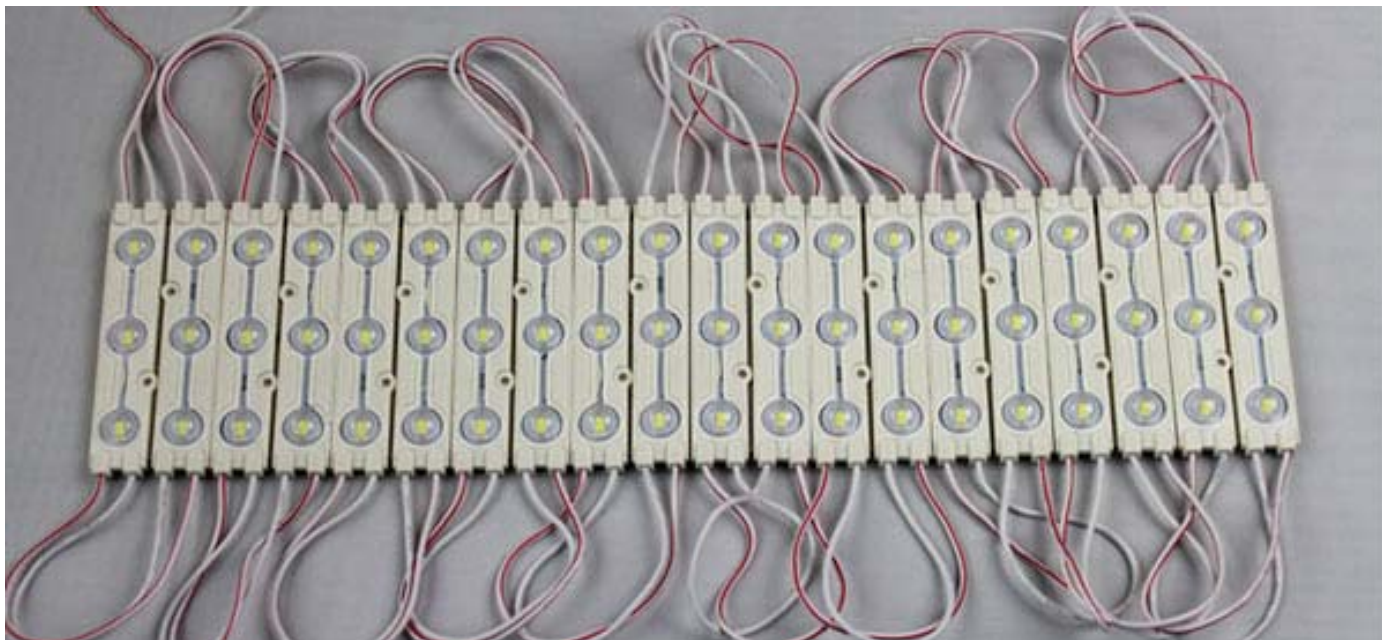


Anti Static Bag



Carton

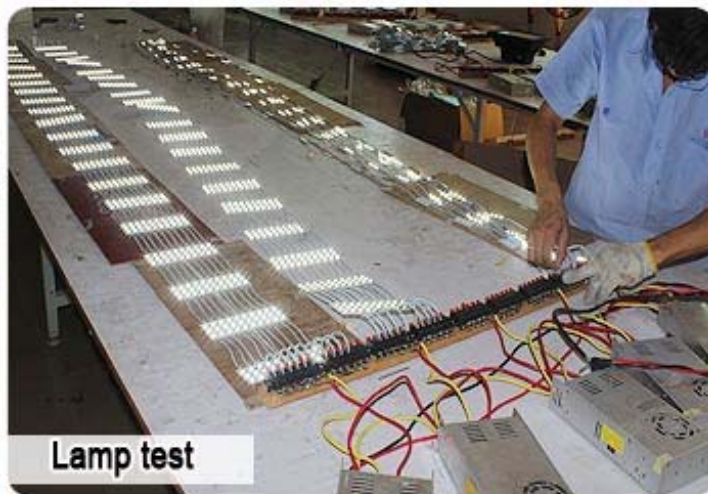
Product details:



Factory setting:



**Production workshop**



**Lamp test**



**Injection Module**



**Aging room**



**Warehouse**



**Sample Room**