

## ◆ Introduction of Outdoor LED display

**Outdoor Type: P6 P8 P10 P12 P16 P20**



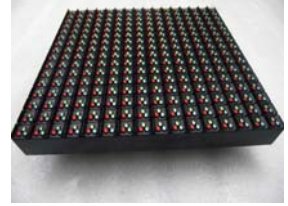
### Introduction

Outdoor LED billboard has high protection grade: IP65---strictly waterproof and dustproof. High brightness make it very impressive than any other traditional advertising. A good way to display your innovative power for all to see.

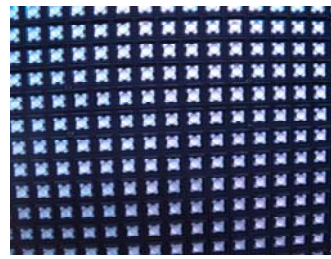
P6 SMD 3 in 1 module:



P16 DIP lamps module:



P10 Super flux module:



Aging photo of P10:



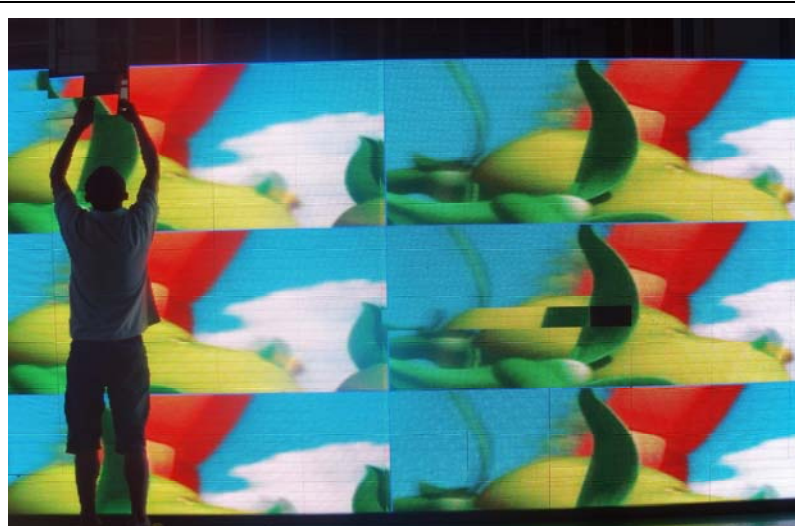
Standard cabinet:



Die-cast aluminum cabinet:



## ◆ Aging photos







## ◆ SMD 3 in 1

SMD (surface mounted device): put three led lights in one box. Advantages: great color mixture, natural effect, and in most cases apply to indoor use.

Photos of sample room

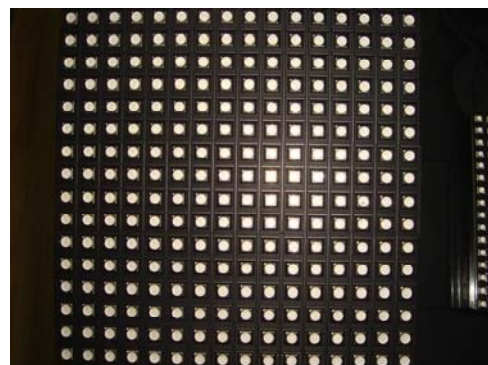
P10 module



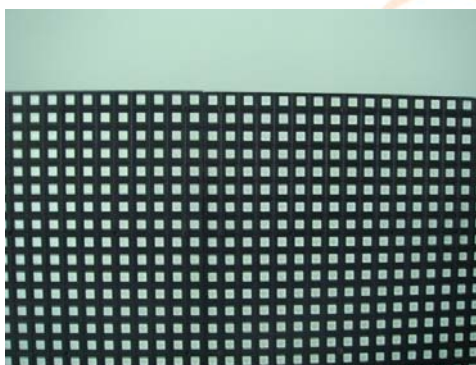
P10 cabinet



P10 module



P12 module



SMD 5050 with standard cabinet



### Specifications

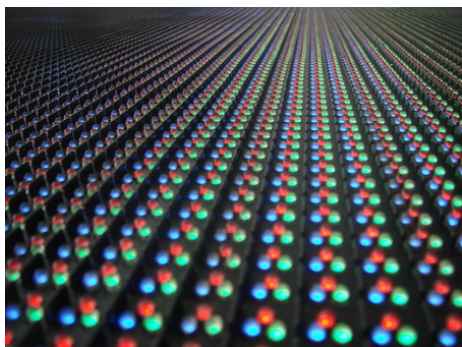
Brightness	5500~6500NIT
Contrast ratio	1,000:1(adjustable )
View angle	Horizontal: 160° Vertical: 160°
Color capability	4.4 trillion
Refresh rate(Hz)	>1200 Hz(adjustable)
Interface port	DVI interface(DVI connector)
Input signal	VGA, Video, AVI, MOV, MPG, DAT, VOB etc.
Protection grade	IP65 front side/IP20 backside
LED Drive	Constant-current drive
Lifetime	100,000 hours
Operating temperature	-15~+55'
Operation humidity	0-95%
Servicing	Front and back serving optional
Control mode	Synchronous & asynchronous available
Communication options	Wire Ethernet, Fiber Ethernet, RF wireless, GPRS
Power	120/240 V

## ◆ DIP lamps

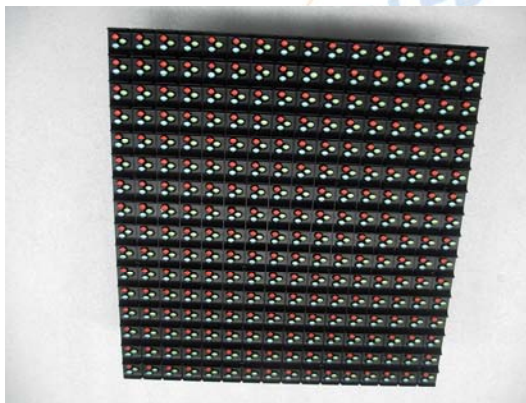
DIP (device independent pixel): three led lights are independently packaged. Advantages: heat dissipation quickly, brighter, and in most cases apply to outdoor use. For big screen, DIP is the best choice.

Photos of sample room

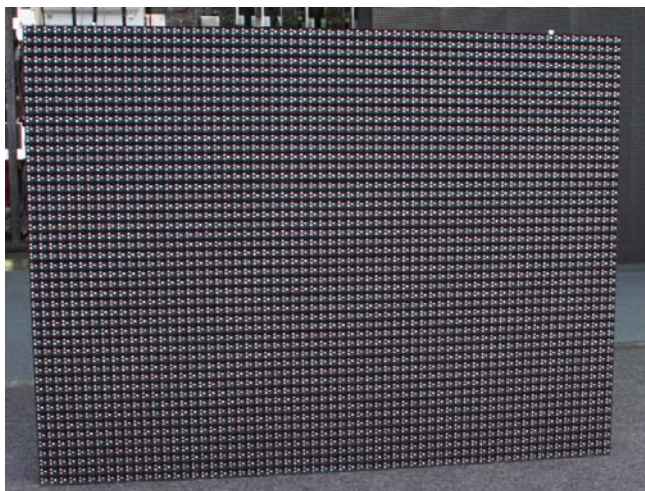
P10 DIP module



P12 DIP module



P16 DIP cabinet front side



P20 DIP cabinet



### Specifications

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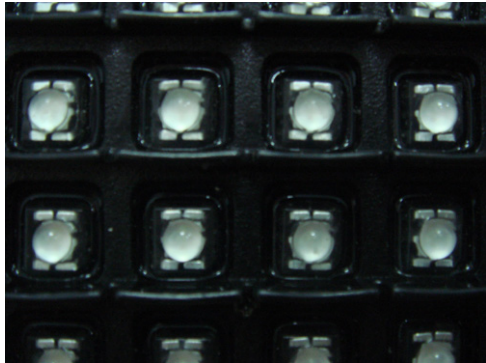


## ◆ Super flux

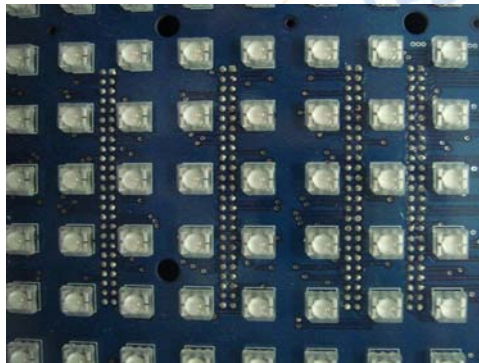
Super flux is new technology combining SMD and DIP. Package of lights looks like fish, so it's called super flux. Advantages: between SMD and DIP. This type packaging is getting more and more popular!

Photos of sample room

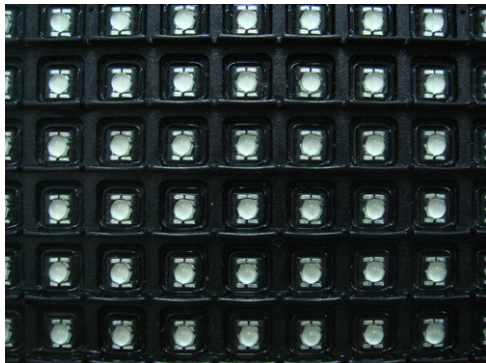
Package way of lights looks like fish:



PCB board



Outdoor use is strictly waterproof



Curtain super flux module



P16 super flux cabinet



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