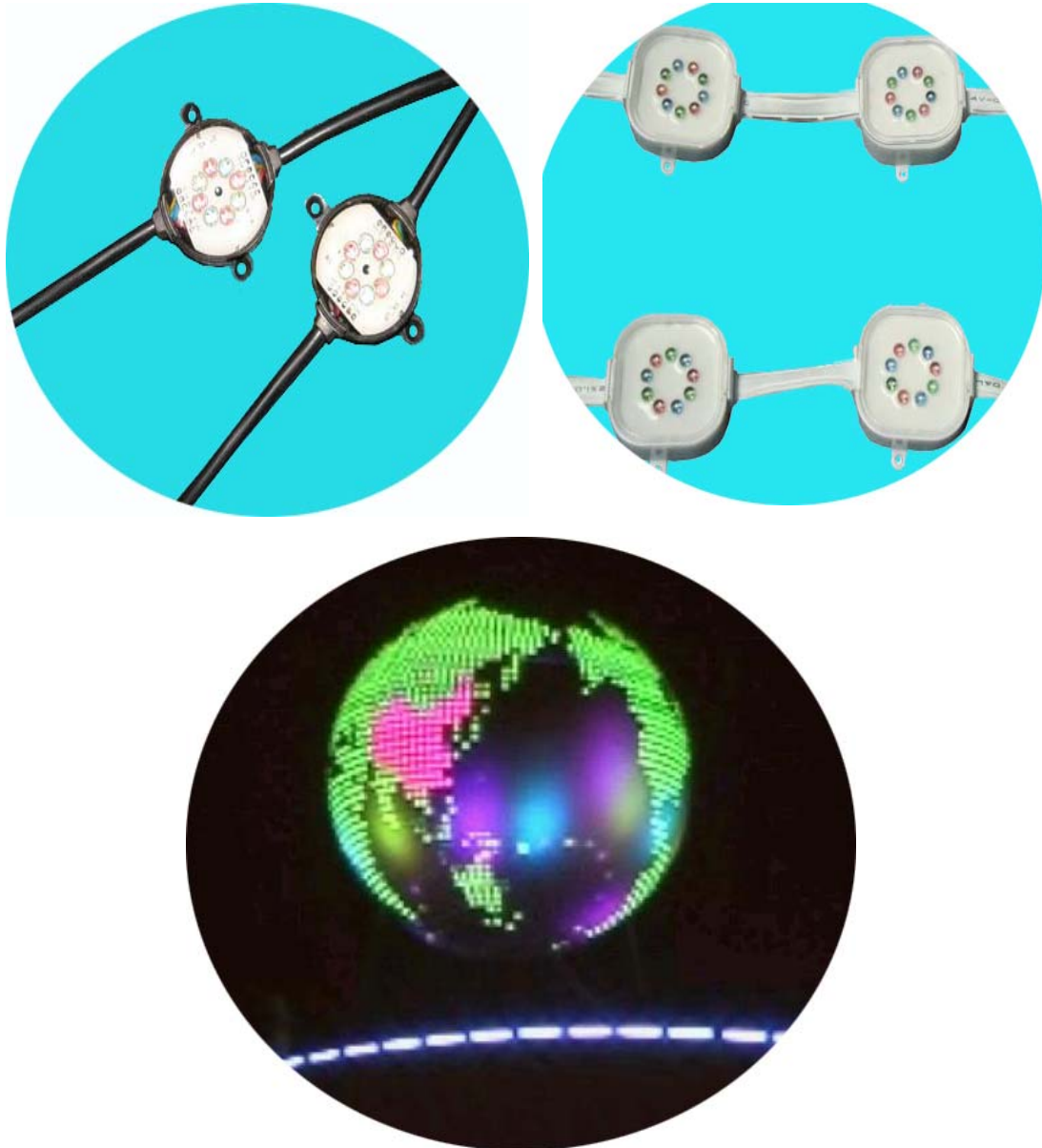


Irregular-shaped LED Display



LED Type: through-hole led , full color (4R2G2B or 3R3G3B), wide viewing angle.

Pixel Pitch: 100mm, for a viewing distance of 100– 800m

Breathtaking effect: Irregular-shaped LED display, using led cluster as light source, features semi-transparent, light weight, flexible shaping and easy installation. With design for waterproof and UV protection, it can be safely used outdoor under different weather conditions. The size of the sige can be very large and in splendid color and pictures, reaching viewers in much wider areas, and creating breathtaking display effect.

Flexibility: using small-sized led cluster as the pixels, the display does not need any cabinets. It can be formed in round, taper, star, flower or any other shape you can image. With supporting structure, it can be erected alone or mounted onto a window, a plain

surface, a curved surface or other places of special conditions.

Multimedia: the sign displays messages in different languages, graphics, cartoons and videos. Displaying materials can be changed freely.

Installation: the technology required for installing an irregular-shaped LED display is a patented know-how which makes it easier for both installation and maintenance. Its semi-transparent structure will not block ventilation of a building, nor will it alter the appearance of a building.

Efficiency: By taking advantage of human visual system that man will naturally fill the pixels in where they are missing in forming images in his brain, the sign boasts of the technique of using fewer pixels to display high resolution pictures.

Low cost: Irregular-shaped LED display uses fewer pixels and consumes power by only a dozen of watts per square meter. It has been so far the most economic item for urban landscaping and lighting project. With design for remote communication and control, the display can be on and off automatically. A lot to save on labor also.

Long lifespan: the display has a lifespan of 50,000 hours that assures users of normal operation for 10 years.

Model	unit	Value
Pixel Brightness	mit	600
Viewing angle - Horizontal (50% brightness)	deg	120 (+60/-60)
Viewing angle - Vertical (50% brightness)	deg	55 (+25/-30)
Panel weight	kg	0.1
Panel width	mm	45
Panel height	mm	45
Panel depth	mm	8
Panel material		Epoxy paint coated Plastic
Ingress protection (front/rear)	IP	IP66
Operating temperature range	deg. C	-20 to +50
Pixel type and configuration	R/G/B	4R,2G,2B or 3R,3G,3B
Pixel pitch	mm	100
Lines per meter		10
Recommended minimum viewing distance	m	100
Colours	million	16.7
Contrast ratio		6,00:1
Video frame rate	Hertz	50/60
Display refresh rate	Hertz	300
Input power frequency	Hertz	50 to 60
Input power (max)	Watts/m2	60
Lifetime (50% brightness)	hours	>5,0000
Input format		DVI

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