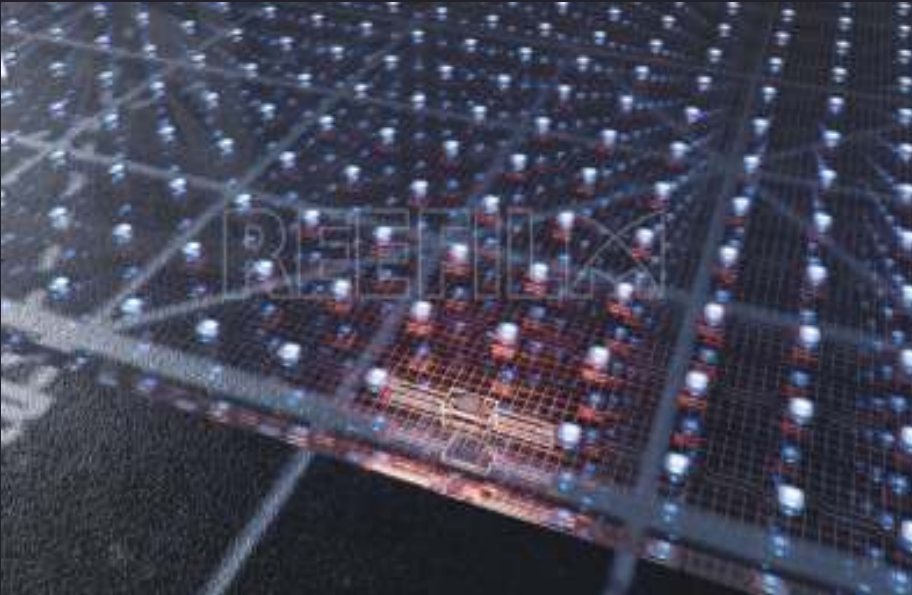# Core Patent
Self-Developed Chip

High reliability： gold wire encapsulation， light drive in one

support breakpoint continuation function

The fault lamp beads should be kept of， avoid the phenomenon of steady on and random flashing,
any single point of failure will not affect other lamp beads

Transparent
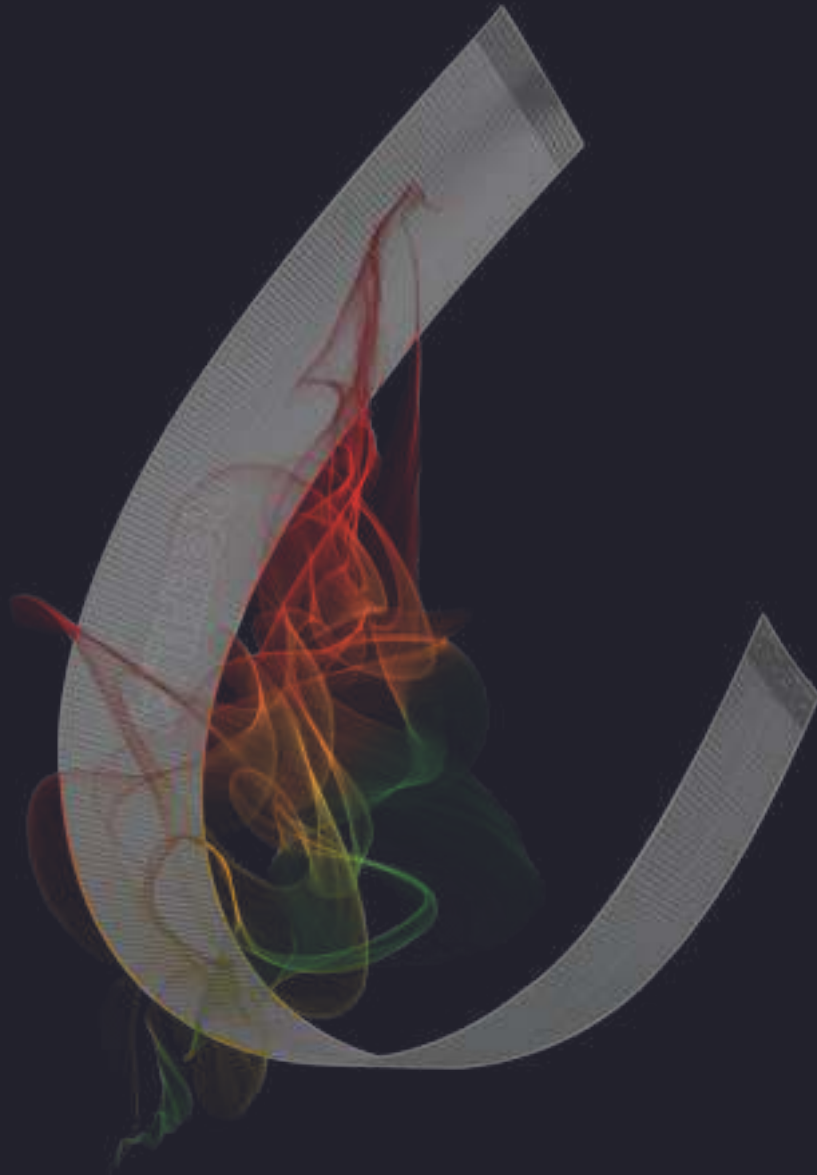
No structural skeleton，high transmittance

Thin

Module thickness is only 2mm, seamless mount

Light

Weight only 2kg, easy and quick installation

Model	RS-P3.91	RL-P3.91
Pixel spacing	L(3.91mm)W(3.91mm)	L(3.91mm)W(3.91mm)
Pixel density	65536 points / ㎡	65536 points / ㎡
Module size	1000mm*250mm	1500mm*250mm
LED light	1515（light drive in one）	1515（light drive in one）
Breakpoint continuation	√	√
Thickness	1-3mm	1-3mm
Power Consumption	Avg：200W/㎡，Max：600W/㎡	Avg：200W/㎡，Max：600W/㎡
Weight	Less than3kg/㎡	Less than3kg/㎡
Permeability	＞80%	＞80%
Life span	＞100,000	＞100,000
Power supply requirement	220V±10%；AC50HZ，Three-phase five-wire	220V±10%；AC50HZ，Three-phase five-wire
Brightness	White balance brightness 2000-4500cd/㎡； automatic and manual adjustment according to ambient brightness	White balance brightness 2000-4500cd/㎡； automatic and manual adjustment according to ambient brightness
Angle of view	H160，V140	H160，V140
Grayscale level	≥16(bit)	≥16(bit)
Color Temperature	5500K-15000K（Adjustable）	5500K-15000K（Adjustable）
Drive mode	static state	static state
Attenuation rate	Less than 0.05% in 2 years	Less than 0.05% in 2 years
Refresh rate	＞3840HZ	＞3840HZ
MTBF	＞ 10000H	＞ 10000H
LED bead failure rate	less than one ten thousandth and is discretely distributed	less than one ten thousandth and is discretely distributed
Control system	Colorlight/Nova Synchronous/Asynchronous	Colorlight/Nova Synchronous/Asynchronous
Use environment	◆Working environment：-10～+65℃/10～90%RH ◆Storage environment：-40～+85℃/10～90%RH	◆Working environment：-10～+65℃/10～90%RH ◆Storage environment：-40～+85℃/10～90%RH
Installation mode	Mounting, lifting, fixing, support any size cutting, bending	Mounting, lifting, fixing, support any size cutting, bending