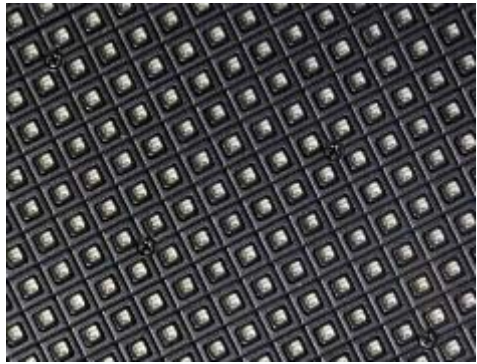


Diamond Series

http://www.luxonled.cn/product_show-104.html



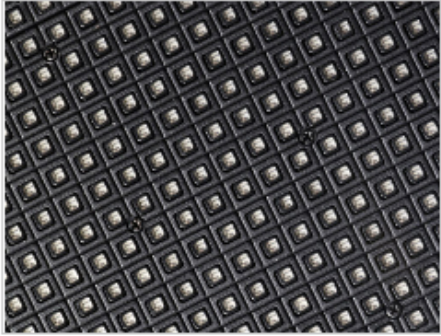
Feature	Parameter	Structure	Case	
Itemms	Parameter			
Pixel Pitch	PH2.9mm	PH3.9mm	PH4.8mm	PH5.2mm
Module Resolution(W*H)	172(W)*172(H)	128(W)*128(H)	104(W)*104(H)	96(W)*96(H)
Pixel Configuration	1R1G1B(in 3 n 1)			
LED Encapsulation	Black SMD 1514	Black SMD 2121	Black SMD 3528	Black SMD 3528
Pixel Density	118336 Pixel /m2	65536 Pixel /m2	43264 Pixel /m2	36864/ Pixel m2
Driving Method	1/15 Scan	1/16 Scan	1/13 Scan	1/8 Scan
Refresh Frequency	≥2880Hz	≥2880Hz	≥2880Hz	≥2880Hz
Driver IC	Special constant current IC with high refresh rate & high grey scale			
Grey Scale	14Bit(depending on zhe system and ICconfiguration)			
Cabinet Size	500*500mm			
White balance Brightness	≥800cd/ m2	≥800cd/ m2	≥800cd/ m2	≥800cd/ m2
Color Temperature	8000K±500(adjustable)			
Viewing Angle	Horizontal 140°Vetical 120°			
Optimal Viewing Distance	>3m	>4m	>5m	>6m
Working Voltage	AC 220V/110V ±10%			
Module voltage	DC4.2V			
Max Power Consumption	100W/PCS	100W/PCS	120W/PCS	150W/PCS
Avg.Power Consumption	50W/PCS	50W/PCS	60W/PCS	80W/PCS
Lifetime	50000hours			
Operating Temperature	-10℃ ~ 65℃	-10℃ ~ 65℃	-10℃ ~ 65℃	-10℃ ~ 65℃
Net weight	7.8Kg/pcs	7.8Kg/pcs	7.8Kg/pcs	7.8Kg/pcs

Related Products



Diamond Series

Rental LED Display



Product Parameters

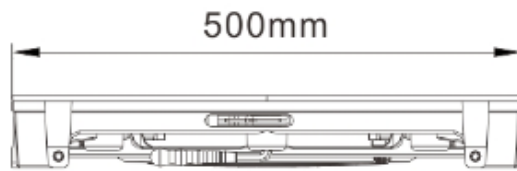
Name: [Diamond Series](#)

Model:

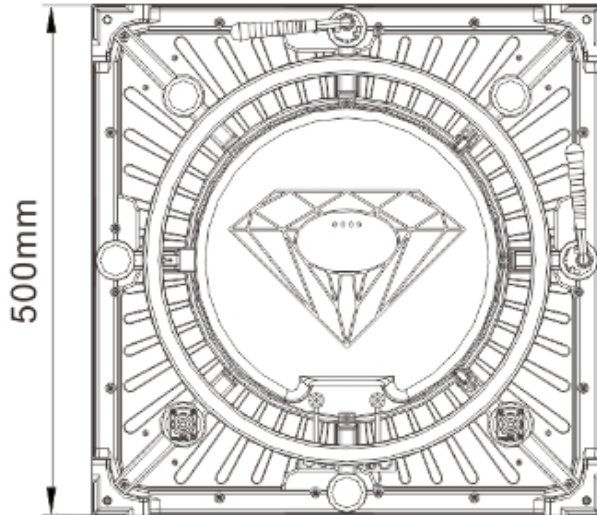
[View:1573](#)



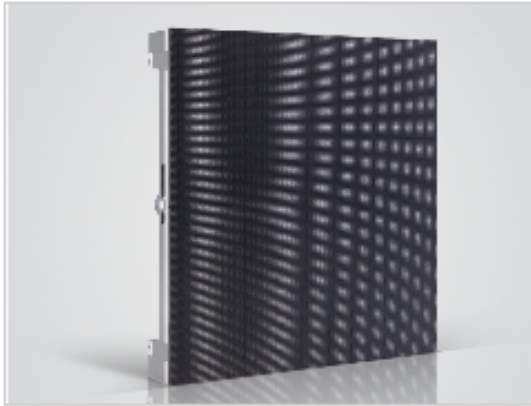
Feature Parameter **Structure** Case



72mm



Rental LED Display



Product Parameters

Name: [Diamond Series](#)

Model:

View: [1573](#)

Feature [Parameter](#) [Structure](#) [Case](#)



Product features

Lightweight:The aluminum die-casting technology makes the single cabinet as light as 7.8KG.

Easy to maintain:The modularization design makes disassembly easy and each cabinet can be withdrawn from the entire screen individually.

Low power consumption:The low power-consuming LED lamp with high brightness can save energy by as much as 20%.Combined with the brightness auto-adjusting technology and PFC power supply,the whole body can save energy by over 35%,which in other words is to save money.

Noiseless:The aluminum structure requires no fan.Combined with the noiseless power supply,the cabinet is totally silent.

Ghost canceling:Exquisite and clear pict quality with no ghost.Both upstream and downstream ghosts can be automatically canceled.

High refresh rate:Over 1880Hz refresh rate to ensure the picture wrinkle-less,line-less and stable.

Seamless Assembly:Dual-power and system redudancy backup guarantee the reliable performance.

Ghost canceling: Exquisite and clear picture quality with no ghost.Both upstream and downstream ghosts can be automatically canceled.

High refresh rate:Over 2880Hz refresh rate to ensure the picture wrinkle-less,line-less and stable.

Low brightness and High gray scale:14Bit-16Bit gray scale to bring excellent performance when brightness is reduced to 20%.

Application scopes

widely applied to stage shows, television broadcast,enterprise,monitoring,bank,outdoor advertisement and so on.