



Diamond Series

Ultra Fine Pixel Display



Product Features



FRONT/REAR Serviceability



LOW ENERGY



EASY INSTALL



CONTRAST



HIGH REFRESH RATE



SPEEDY CONFIGURATION



Ultra Fine Pixel LED Display

Perfectly Aligned Images

The Diamond Series - Type R creates uniform, high-quality images with accurate color and brightness uniformity. Thanks to its unique cabinet design, the Diamond Series - Type R ensures easy and accurate alignment during rental and staging applications. The simplified mechanism enables efficient assembly in show conditions.

Ultimate Functionality

Combined with high-quality close-up viewing and wide visual viewing angles, the Diamond Series - Type R is suitable for all rental and staging environments. With flexible 576cm x 576cm cabinet design, the Diamond Series - Type R opens up a new world of creative possibilities for staging events. At 8kg per panel, the lightweight design enables easy transportation.

Product Specifications

Technical parameters	UNIT	Parameters Values
Pixel pitch	MM	3
Panel size	MM	L576*H676*T72
Physical density	/M ²	111111
Pixel configuration	R/G/B	1,1,1
Driving method		Constant current 1/32scan
LED Encapsulation	SMD	2121
Display resolution	DOTS	64X64=4096
Module port		HUB75-B
Module working voltage	VDC	5
Module consumption	W	18
Viewing angle	Deg.	140 Degrees
Option distance	M	3-45
Every square metre module	PCS	27.1
Maximum power	W/ M ²	400W/ m ²
Frame Frequency	HZ/S	≥60
Refresh frequency	HZ/S	≥320
Equilibrium brightness	CD/ M ²	≥1200cd/ m ²
Working environment temperature	°C	-10~60
Working environment humidity	RH	10%~70%
Display working voltage	VAC	AC46~54HZ, 220V±15%
Colour temperature		8500K-11500K
Gray scale/color		≥16.7M color
Input signal		RF\ S-Video\ RGB etc
Mean free error time	HOURS	>5000
Life	HOURS	100000
Lamp failure frequency		<0.0001
Electrostatic Discharge (ESD)		IEC801
Safety		GB4793
Resist the electricity		1500V last 1min
Steel box weight	KG/ M ²	40
Earth leakage current	mA	

Specifications and design are subject to change without notice. See our website for detailed information.

About Optiz-Opto Display

Our products are marketed world-wide with a few qualities in mind, by Quality, Environmental Friendly, Reliable. Suitable for many applications such as Sports, Education, Commercial, Entertainment, Government, House of worship and TV Studios.

OptiZ was founded with single key objective, to innovate the LED Display technology of the future in order to advance the capabilities of large image display. Since our company first took up this challenge, we have worked closely with our customers to assure our products create the most stunning imagery possible within every application.

What we do



INDOOR FINE PIXEL
LED DISPLAYS



OUTDOOR LED
DISPLAY



CREATIVE LED
DISPLAYS



MULTI WINDOW/MULTI
SCREEN PROCESSORS



STRUCTURAL DESIGN
AND RSE CERTIFIED



DESIGN AND BUILD
STAGE MECHANICS



CUSTOMIZED SYSTEMS FOR
VARIOUS APPLICATIONS

