

# MiPIX



## Creativity beyond content

Does a LED screen have to be rectangular and flat?

With MiPIX we give you the opportunity to be creative with LED displays, to take your expression and message beyond content. MiPIX lets you add shape, form and perspective – to have it your way.

With the MiPIX Creativity Packs you can create unique display solutions without expensive and time consuming custom manufacturing. We provide you with the building blocks – you provide the imagination.



**BARCO**

Visibly yours

## A proven performer

Since its introduction in 2003, MiPIX has sparked the imagination of designers and audiences worldwide. It has enabled designs and concepts that simply were not possible before. From Kylie Minogue to Corvette, from nightclubs to newscasts – MiPIX has proven itself as a dependable performer.

### Freedom to create – again and again

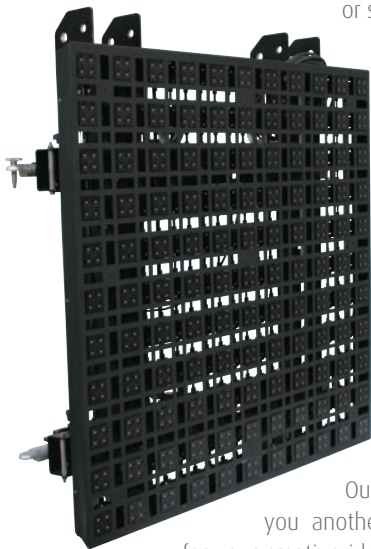
The modular nature of MiPIX allows you to create, but just as important it also permits you to start over, think again, revise, enhance... This 'plug & play' ability also transcends to the software that ties it all together.

And when the show is over, you can re-use your MiPIX for your next project, in a completely new configuration. Unlike dedicated LED tubes or a LED block – with MiPIX and the creative add-ons you have a truly versatile system that stays current and attractive to the market.

## Easy as 1, 2, 3

### Step 1 – the block

The MiPIX-20 block measures only 4 by 4 cm (1.6 x 1.6") and contains four full color LEDs, each capable of creating millions of colors and hues. It is lightweight and connects to other blocks by means of flexible ribbon cables. This simple, yet ingenious concept allows you to use the MiPIX blocks to create intelligent lighting effects on large-scale backdrops of any form, shape or size, while they also offer the possibility of full video content on 3D logos or other free-form shapes.



### Step 2 – the structure

The MiPIX rental structure is a strong but still lightweight structure with a grid that can take up to 21 by 21 blocks in any imaginable configuration. The mechanical design of the structure allows for flat, concave or convex arrays of structures. It is TÜV approved and can be flown up to 18 structures deep with a 5:1 safety factor.

This makes very large LED backdrops possible, where the construction and rigging of such large LED screens previously would have been too heavy, and very costly.

The MiPIX rental structures travel four in a flightcase and can also be ordered assembled and tested with your choice of MiPIX blocks, cables and controllers.

### Step 3 – creative add-ons

Our creativity packs give you another layer of expression for your creative ideas.

The optics can be applied individually, in groups or in combination with other types to create displays that further enhance the content.

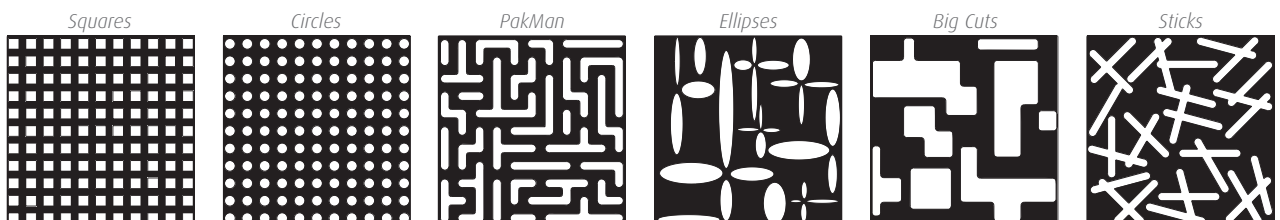


BLOCK OPTICS

Tubes  
6x1 - 1x6

Dome

### FULL FRAME OPTICS



Squares

Circles

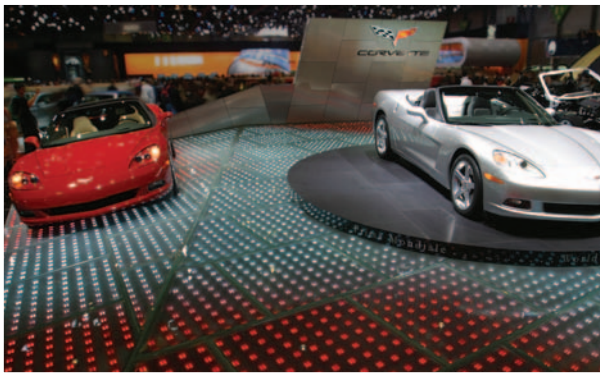
PakMan

Ellipses

Big Cuts

Sticks

# Countless applications



Corvette booth



Kylie Minogue



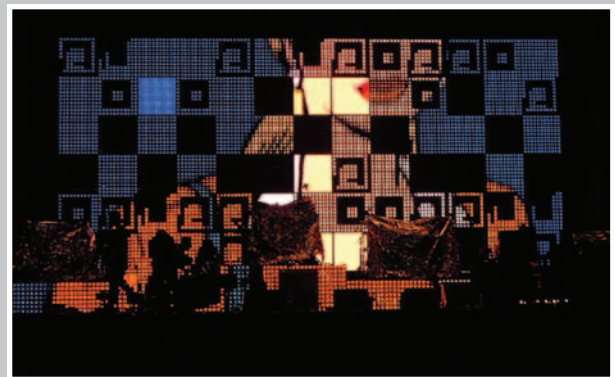
Britney Spears



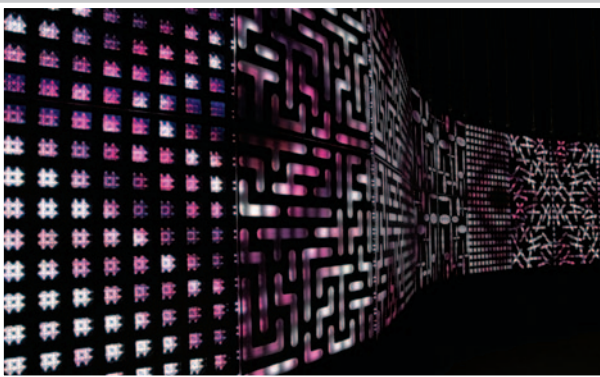
Mercedes booth



Toyota booth



The Corrs



InfoComm US Live Booth

Cover image: Kabaret's Prophecy London

## MiPIX key technical specifications

<b>The block: MiPIX-20</b>	
Pixel pitch	20 mm
Brightness	1300 NIT
Viewing angle	145 x 145°
Dimensions	40.3 x 40.3 x 22mm (1.6 x 1.6 x 0.87")
Weight	34g
<i>MiPIX-20 blocks are driven by the MiPIX Control Unit. Up to 128 blocks per Control Unit (4 lines of 32 blocks). Connection between Control Unit and blocks by means of flat cable.</i>	
<b>The MiPIX Rental Structure</b>	
Maximum capacity	441 MiPIX-20 blocks (21 x 21 configuration) 4 MiPIX Control Units
Horizontal angling	± 15° in 5° steps
Dimensions	885 x 973 x 210mm (34.8 x 38.3 x 8.3")
Weight	19.5 kg (structure only) 26.5 kg (structure with 121 blocks & 1 control unit)
<i>Up to 16 structures can be hung in one vertical row with a safety factor of 5. Truss brackets are required for top structure attachment to truss.</i>	
<b>The Creative Add-ons</b>	
<b>MiPIX Full Frame Optics</b>	
Standard patterns	Squares, Circles, PakMan, Ellipses, Sticks, Big Cuts
Standard diffusers	Milky, Frosty, Crackle, Prismatic
Dimensions	875 x 889mm (34.5 x 35.0")
<i>All Full Frame Optics are designed for a MiPIX Rental Structure fitted with 121 blocks in an 11 x 11 configuration.</i>	
<b>MiPIX Block Optics</b>	
Standard sizes - squares	1x1, 2x2, 3x3
Standard sizes - tubes	1x6, 6x1
Standard sizes - domes	1x1
<i>All Block Optics are fitted with "Frosty" diffuser as standard.</i>	

Ref.no. R599851 - August 2005

The information and data given are typical for the equipment described.  
However any individual item is subject to change without any notice  
The latest version of this product sheet can be found on [www.barco.com](http://www.barco.com).

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