

LED display systems

Product catalog 2011



BARCO

Visibly yours

Dear customer, partner, consultant,

A performer surrounded by an impressive video spectacle. A bright, clever advertisement on a digital billboard. A branding campaign supported by enticing visuals. The victory roar of an athlete scoring a decisive goal, magnified a hundred times. Visualization makes an experience truly immersive and memorable for your audience.

Whether you are a stage designer, media partner, site manager or a trusted partner of the media and entertainment industries, visualization is business-critical for you. With your success in mind, Barco created LiveDots. As a brand dedicated to LED, we are fully focused on your needs.

Based on decades of experience in the entertainment industry, we offer you creative display solutions in any shape or size. From the most straight-on, cost-effective LED tile for 24/7 use to the top-end of creative display solutions, we have something for everyone. In over 50 world capitals, our visualization supports high-profile brands. And our equipment sets the scene for more than 2,500 events every year. We connect the dots for you through millions of pixels. We help make your vision come to life.



Paul Matthijs,
CEO of Barco LiveDots

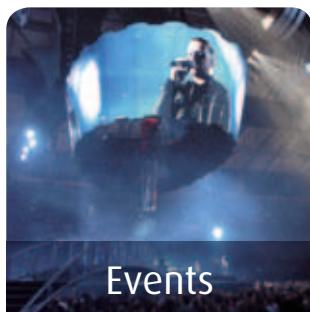
OUR MISSION STATEMENT

We strive to understand, inspire and enable our customers and partners to turn their large image dreams into results with known outcomes.

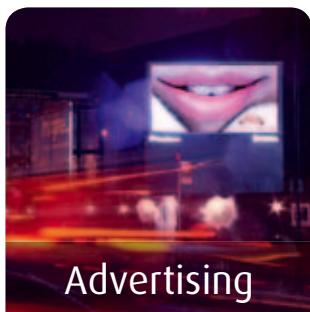
We add value, through our industry-leading competence, with a complete range of high impact screens for permanent installations as well as the rental and staging markets.

We deliver, through a die-hard commitment, before, during and after your project.

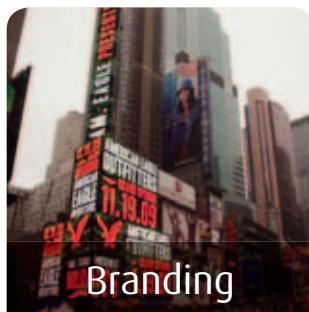
OUR MARKETS



Events



Advertising



Branding



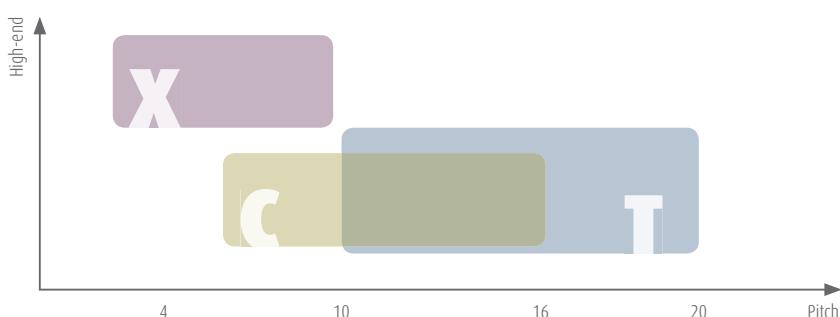
Sports

OUR PRODUCT PLATFORMS

Fixed installation and rental applications each face particular challenges. Does product incompatibility also annoy you? Are you tired of maintaining proprietary cabling and rigging systems for each different LED tile? Then team up with a partner who commits to long-term project compatibility and support.

Barco LiveDots offers three standard platforms that cover the entire spectrum of LED visualization, and a range of specialized niche products and image processing. Within each platform, key technologies, peripherals and processors are shared, which enables cross-rental options and ensures quick servicing. Each platform uses the same basic mechanical form factor, digitizers, rigging and cabling, making your task considerably easier.

- Our **X series** offers best-in-class, pioneering visualization when only the most pristine image quality will do.
- Our **T series** - dedicated to 24/7 outdoor operations and fixed installations - brings proven, reliable LED technology to markets where total cost of ownership is key to customer satisfaction.
- Our **C series** comprises flexible, lightweight products that come with the best value at the most attractive prices.





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X PLATFORM LED DISPLAYS

NX-4S NEW

The NX series has set a new standard for indoor LED displays by offering the deepest black levels available on the market, and pairing this with a phenomenal contrast ratio of over 4,000:1. With a light output of over 2,000 Nits and native 16-bit color processing, it is sure to deliver the pinnacle of image quality in any indoor setting. In addition, the NX series guarantees easy, quick installation and are lightweight by design. Its latest member, the NX-4S, boasts even wider viewing angles, and a matte surface, for an exceptional picture quality in all circumstances.

3D option on the X platform

Full, active 3D capability is available as an option on the X platform. Due to its full support for 60Hz left/right content at a 120Hz 3D frame rate, this hardware add-on causes no loss in resolution. It reduces the light output loss traditionally associated with 3D to zero. Overall, this option leads to an outstanding 3D effect that you can use to immerse your audiences in amazing content.

Typical applications:

indoor use

- rental, trade shows and events
- branding and advertising
- digital signage
- 3D immersive environments
- broadcast studios

Recommended LED image processors:

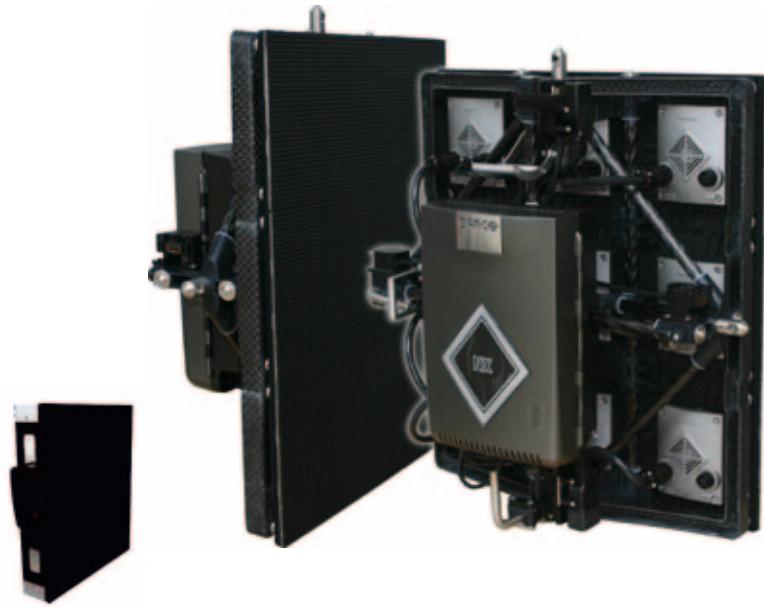
- DX-100
- DX-700



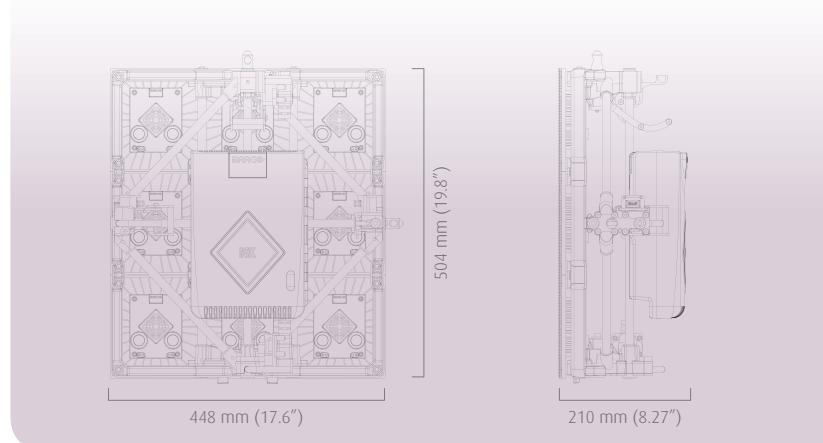
NX-4



NX-6



Fixed install version



LiveDots



T PLATFORM LED DISPLAYS

TF-10 NEW

Barco's T-series is designed for 24/7 outdoor usage, especially in branding and digital advertising markets, where years of worry-free usage make the difference. It is the world's first green LED display system, with no hazardous materials, low energy consumption and highly efficient components. The TF-16 and TF-20 also feature contrast enhancing shaders and tilted LEDs. All displays in the series have optimized the balance between brightness, color and contrast. By nature, their low maintenance requirements and proven track record lead to a low total cost of ownership.



TF-16



TF-20



Typical applications:

indoor/outdoor use

- branding and advertising
- sports
- digital signage

Recommended LED image processors:

- DMP-100

TF-16 BK



Barco's TF-16 BK is among the blackest LED displays on the market today, and among the most energy-efficient to boot. It delivers high-resolution images with extreme brightness levels. Its black lamp LEDs offer vastly improved contrast levels, which draw attention to its content almost immediately. The TF-16 BK can easily be used in bright sunlight as well as in rain, and are thus ideal for use at all outdoor locations.

Typical applications:

- indoor/outdoor use
- branding and advertising
- sports
- digital signage

Recommended LED image processors:

- DMP-100

Remote Management Software (RMS-1)



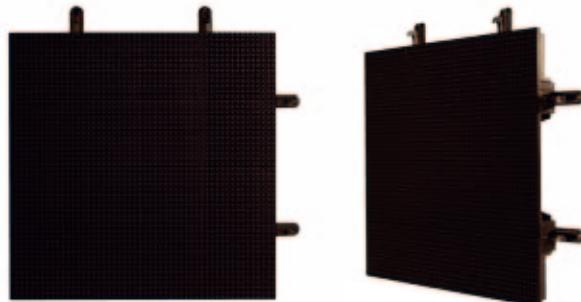
Barco's Remote Management Software (RMS-1) is a software agent that can be used to set up and monitor single or multiple LED display systems, locally as well as worldwide. The system autonomously performs display diagnostics and sends detailed reports in case of failure - in many cases these can even be solved remotely. RMS-1 also includes intelligent brightness control features. Overall, RMS-1 ensures greener operations, a longer system lifetime and lower failure rates.

C PLATFORM LED DISPLAYS

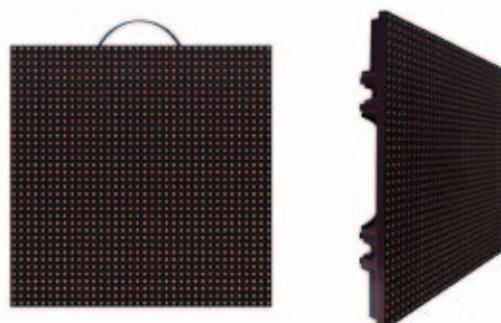
elements

C7 NEW

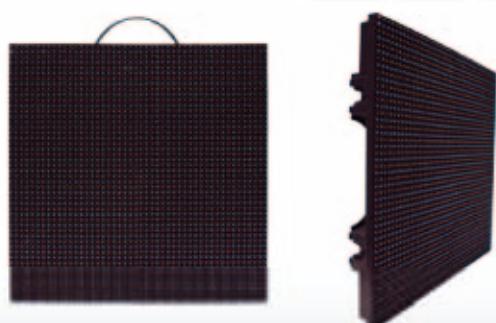
Barco's C series comprise an indoor/outdoor solution for both rental and permanent installations. They have a fraction of the power consumption and heat generation of other LED displays. As a consequence, they don't need cooling fans, resulting in noiseless and maintenance free operation. Furthermore, their thin and lightweight design allows easy handling and installation. Tested to Mil-Spec 810F standards, they can withstand challenging environments. The C11 and C8v models feature an IP66 enclosure, making them suitable for outdoor operation.



C11

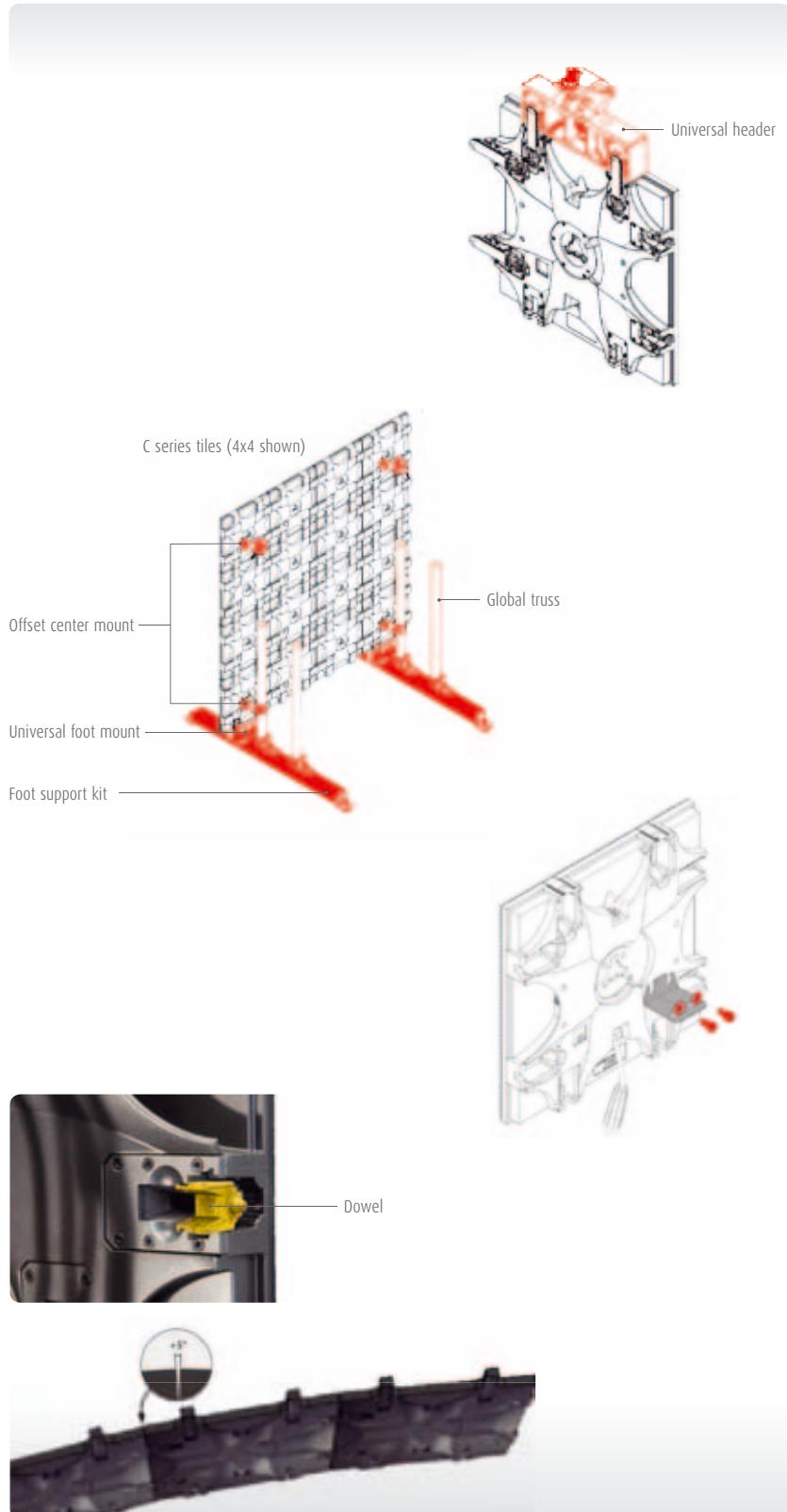


C8v



NEW C platform rigging options

elements



Flexible mounting

A universal header (with three holes) facilitates mounting to any structure or truss (by means of optional clamp).

Floor mounted

Max. 25 tiles high
If height is over six tiles, extra center mounts are required. Compatible with standard 2"/50mm tube.

Fixed installation

By means of an L-bracket

Curved set-up

By replacing the dowels at the back of the tile (see close-up left), convex or concave curved walls with various angles can be created.

Radius: +8 / +4 / -10 / -22 m

APPLICATION-SPECIFIC LED DISPLAYS

elements

SP-4816

Market research indicates that TV audiences are four times as likely to remember a brand they have seen on a digital sports perimeter as opposed to a fixed or revolving display. That's why Barco has developed a dedicated LED sports perimeter display specifically for televised sports applications. Barco's sports perimeter enables perfect, flicker-free reproduction of brands and easy synchronization with professional camera equipment. Our patented, top-mounted 'brand-up' display offers even additional visibility and a higher return for advertisers.

IP65/43
WATERPROOF



BRAND-UP
BROADCAST



Typical applications:

outdoor use

- field/pitch advertising (sports)

Recommended LED image processors:

- DX-100 (DVI)

elements

SF-10v NEW

Barco's SF-10v offers the best available price-performance ratio in its class. Designed for non 24/7 display applications, like sports stadiums, it ensures excellent image quality, extensive control functionality and image processing.

10v
mm
PIXEL PITCH

IP65/43
WATERPROOF



Typical applications:

outdoor use

- sports video displays
- non 24/7 display applications

Recommended LED image processors:

- DX-100 (DVI)

LED IMAGE PROCESSORS

DX-100 NEW / DX-700



The DX is a multi-window image processor designed as a versatile front-end to a wide range of Barco LED displays. With color calibration genlocking, versatile input and output modules, support for blending, color keying and a wide variety of show effects, the DX is an ideal and user-friendly choice to boost the performance of your display. The DX-100 is a compact, straight-on LED processor designed for simple installations, whereas the DX-700 offers the series' complete functionalities in one package.

DMP-100



The DMP-100 is a compact digital media processor with integrated control, monitoring and diagnostics capabilities - all in one package. It is specifically designed for the digital out of home market, and guarantees 24/7 display management. The DMP-100 is optimized for TF series LED display systems.

Vizomo L1i / Vizomo R1i



elements

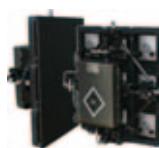
Barco's Vizomo™ means smart, cost-effective management of your C series LED display systems. It automatically calibrates screens with selectable white point targets, and allows you to fully control multiple processors with additional software.

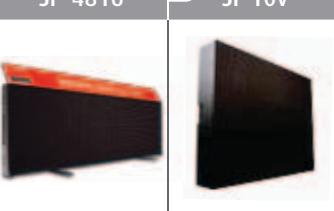
LED-PRO



elements

With the LED-PRO, Barco offers high-performance scaling technology to drive LED display walls. The LED-PRO accepts analog as well as digital video input signals, and incorporates easy-to-use front panel controls. It offers all the features you need to start a show with the touch of a button.

	 NX-4S	 NX-4	 NX-6	 TF-16 BK	 TF-10	 TF-16
Pixel pitch	4.66 mm	4.66 mm	6.22 mm	16.0 mm	10.2 mm	16.0 mm
Brightness	2,000 nits	2,000 nits	2,000 nits	6,000 nits	6,000 nits	6,450nits
LED type	3-in-1 black SMD	3-in-1 black SMD	3-in-1 black SMD	3x black lamp	3-in-1 SMD	3x lamp
Pixel density	45,918/sqm 4,271/sqf 10,368/tile (96x108)	45,918/sqm 4,271/sqf 10,368/tile (96x108)	25,829/sqm 2,402/sqf 5,832/tile (72x81)	3,908/sqm 363/sqf 3,600/tile (60x60)	9,612/sqm 893/sqf 5,768/tile (80x72)	3,908/sqm 363/sqf 3,600/tile (60x60)
Viewing angle (@50% brightness)	H : 120 degree V : +60/-60 degree	H : 120 degree V : +48/-55 degree	H : 120 degree V : +60/-60 degree	H : 110 degree V : +15/-40 degree	H : 140 degree V : +10/-35 degree	H : 110 degree V : +13/-35 degree
Contrast ratio	3,500:1	4,000:1	4,200:1	7,000:1	2,000:1	4,000:1
Lifetime	60,000 hrs (@75% brightness)	60,000 hrs (@75% brightness)	60,000 hrs (@75% brightness)	100,000 hrs (@50% brightness)	100,000 hrs (@50% brightness)	100,000 hrs (@50% brightness)
Power consumption/tile	244 W max 109 W average	239 W max 99 W average	219 W max 104 W average	400 W max 120 W average	457 W max 108 W average	460 W max 124 W average
Tile size (W x H x D) in mm	448 x 504 x 210 (rental) 448 x 504 x 228.6 (fixed)	448 x 504 x 210 (rental) 448 x 504 x 228.6 (fixed)	448 x 504 x 210 (rental) 448 x 504 x 228.6 (fixed)	960 x 960 x 275	816 x 735 x 200	960 x 960 x 225
Weight	12.9 kg/tile - 28.4 lbs (rental) 13.8 kg/tile - 30.3 lbs (fixed)	12.9 kg/tile - 28.4 lbs (rental) 13.8 kg/tile - 30.3 lbs (fixed)	12.9 kg/tile - 28.4 lbs (rental) 13.8 kg/tile - 30.3 lbs (fixed)	48 kg/tile 106 lbs	35 kg/tile 77.2 lbs	39.2 kg/tile 86.4 lbs
IP rating	only indoor use	only indoor use	only indoor use	IP65/54	IP65/54	IP65/54
Processing	16 bit/color	16 bit/color	16 bit/color	16 bit/color	16 bit/color	16 bit/color
Refresh rate	3,200 Hz	3,200 Hz	3,200 Hz	800 Hz	3,200 Hz	800 Hz
3D ready (option)	yes	yes	yes	n/a	n/a	n/a
Max stacking	12 tiles	12 tiles	12 tiles	n/a	n/a	n/a
Max hanging	15 tiles	15 tiles	15 tiles	n/a	n/a	n/a
Interface port	x4 HDMI link x1 USB (diagnostic)	x4 HDMI link x1 USB (diagnostic)	x4 HDMI link x1 USB (diagnostic)	x2 DVI link	x2 DVI link	x2 DVI link
Servicing	front and back (front: tool required)	front and back (front: tool required)	front and back (front: tool required)	front or back	front and back	front or back
Source compatibility (with digitizer)	CVBS, YC, YUV, RGB, DVI (Single & Dual link, up to 2,048x1,536), SDI, HDSDI, Dual link HDSDI	CVBS, YC, YUV, RGB, DVI (Single & Dual link, up to 2,048x1,536), SDI, HDSDI, Dual link HDSDI	CVBS, YC, YUV, RGB, DVI, SDI, HDSDI (DX700: and Dual link DVI, Dual link HDSDI)	CVBS, YC, YUV, RGB, DVI, SDI, HDSDI (DX700: and Dual link DVI, Dual link HDSDI)	CVBS, YC, YUV, RGB, DVI, SDI, HDSDI (DX700: and Dual link DVI, Dual link HDSDI)	CVBS, YC, YUV, RGB, DVI, SDI, HDSDI (DX700: and Dual link DVI, Dual link HDSDI)
Operable digitizer	DX-100, DX-700 (with NNI output card)	DX-100, DX-700 (with NNI output card)	DX-100, DX-700 (with NNI output card)	DX-100, DX-700 (with DVI output card) D320, DMP-100 LED-PRO	DX-100, DX-700 (with DVI output card) D320, DMP-100 LED-PRO	DX-100, DX-700 (with DVI output card) D320, DMP-100 LED-PRO
Certification	CE classA, TUV, FCC Class A, ETL, Cebec, RoHS	CE classA, TUV, FCC Class A, ETL, Cebec, RoHS	CE classA, TUV, FCC Class A, ETL, Cebec, RoHS	ETL, CE, FCC, RoHS, CCC	ETL, CE, FCC Class A, RoHS	ETL, CE, FCC Class A, RoHS

TF-20	ILite6BK	SLite 10 XP FX		C7	C11	C8v	SP-4816		SF-10v
									
20.0 mm	6.22 mm	10 mm virtual		7.69 mm	11.1 mm	8 mm virtual		16.0 mm	10 mm virtual
6,600 nits	2,000 nits	5,500 nits		2,000 nits	5,000 nits	8,000 nits		6,000 nits	6,840 nits
3x lamp	3-in-1 black SMD	2R, 1G, 1B		3-in-1 black SMD	3-in-1 SMD	R,G,B, cyan PTH		3x lamp	3x lamp
2,504/sqm 232/sqf 2,304/tile (48x48)	25,829/sqm 2,402/sqf 5,184/tile (72x72)	Virtual mode: 9,646/sqm 896/sqf Real mode: 2,412/sqm		16,900/sqm 2,704/tile (52x52)	8,100/sqm 1,296/tile (36x36)	3,600/sqm 576/tile (24x424)		3,908/sqm 363/sqf	10,000/sqm 930/sqf 3,072/tile (64x48)
H : 110 degree V : +15/-35 degree	H : 120 degree V : +60/-60 degree	H : 110 degree V : +15/-35 degree		H : 120 degree V : 120 degree	H : 120 degree V : 120 degree	H : 120 degree V : 50 degree		H : -70 / 70 degree V : -10/+35 degree	H : 150 degree V : +30/-40 degree
4,000:1	3,000:1	2,000:1		3,500:1					1,400:1
100,000 hrs (@50% brightness)	45,000 hrs (@50% brightness)	100,000 hrs (@50% brightness)		50,000 hrs (@50% brightness)	100,000 hrs (@50% brightness)	100,000 hrs (@50% brightness)		100,000 hrs (@50% brightness)	60,000 hrs (@50% brightness)
500 W max 139 W average	335 W max 156 W average	580 W max 160 W average		120 W max 40 W average	85 W max	53 W max		1,400 W max 400 W average	1,311 W max
960 x 960 x 230	448 x 448 x 150 (rental) 448 x 448 x 127 (tile only)	896 x 672 x 250		400 x 400 x 70	400 x 400 x 70	400 x 400 x 70		800 x 2,560 x 160	960 x 1,280 x 195
38 kg/tile 83.8 lbs	14.3 kg/tile-31.4 lbs (rental) 10.8 kg/tile-23.7 lbs (tile only)	39 kg/tile 88.2 lbs		5.9 kg/tile 13 lbs	6.4 kg/tile 14.1 lbs	6.4 kg/tile 14.1 lbs		90 kg/tile 198.4 lbs/tile	79.5kg/tile 175.3 lbs
IP65/54	only indoor use	IP65		only indoor use	IP66/66	IP66/66		IP65/54	IP65/43
16 bit/color	14 bit/color	16 bit/color		16 bit/color	16 bit/color	16 bit/color		14 bit/color	14 bit/color
800 Hz	400 Hz	> 2000 Hz		600 - 3,000 Hz	600 - 3,000 Hz	600 - 3,000 Hz		800 Hz	1,000 - 1,600 Hz
n/a	n/a	n/a		n/a	n/a	n/a		n/a	n/a
n/a	12 tiles	n/a		25 tiles	25 tiles	25 tiles		n/a	n/a
n/a	15 tiles	n/a		25 tiles	25 tiles	25 tiles		n/a	n/a
x2 DVI link	x2 DVI link	x2 DVI link		combo cable/ CAT5e	DVI	DVI			x2 DVI link
front or back	back	back		front and back	front and back	front and back		back	back
CVBS, YC, YUV, RGB, DVI, SDI, HDSI (DX700: and Dual link DVI, Dual link HDSDI)	CVBS, YC, YUV, RGB, DVI, SDI, HDSI (DX700 : and Dual link DVI, Dual link HDSDI)	S-video, Composite, YUV, RGB, SDI, HDSDI, Data DVI up to UXGA		DVI (RGB/YCbCr) SDI, HDSDI	DVI	DVI		CVBS, YC, YUV, RGB, DVI, SDI, HDSI (DX700: and Dual link DVI, Dual link HDSDI)	CVBS, YC, YUV, RGB, DVI, SDI, HDSI (DX700: and Dual link DVI, Dual link HDSDI)
DX-100, DX-700 (with DVI output card) D320, DMP-100 LED-PRO	DX-700 (with DVI output card) D320 LED-PRO	DX-700 (with DVI output card) D320, DMP-100, LED-PRO		Vizomo	Vizomo	Vizomo		DX-100, DX-700 (with DVI output card) D320, DMP-100 LED-PRO	DX-100, DX-700 (with DVI output card) D320, DMP-100 LED-PRO
ETL, CE, FCC Class A, RoHS	CE classA, TUV, FCC Class A, ETL, RoHS	ETL, CE, FCC Class A		ETL, CE, FCC, RoHS CCC (pending)	ETL, CE, FCC, RoHS (pending)	ETL, CE, FCC, RoHS (pending)		ETL, CE, RoHS	ETL, CE, RoHS

CREATIVE LED

FLX-60

Barco has taken creative LED to a completely new level with the introduction of transformable LED. With this concept, designers are no longer limited to traditional LED displays but can instead create any shape they want. FLX is a unique freeform LED concept that will amaze spectators all over the world. FLX consists of individually controllable, compact, high quality LED pixel modules that can be combined with a wide variety of specifically designed carriers (mechanical structures) into any shape you desire.

Furthermore, Barco's transformable LED is ideally suited for countless applications – from live events to fixed installations, indoor as well as outdoor. It is created to withstand the toughest weather conditions and can be used in bright sunlight or rain. No matter what you want, you can transform the FLX to your own design.

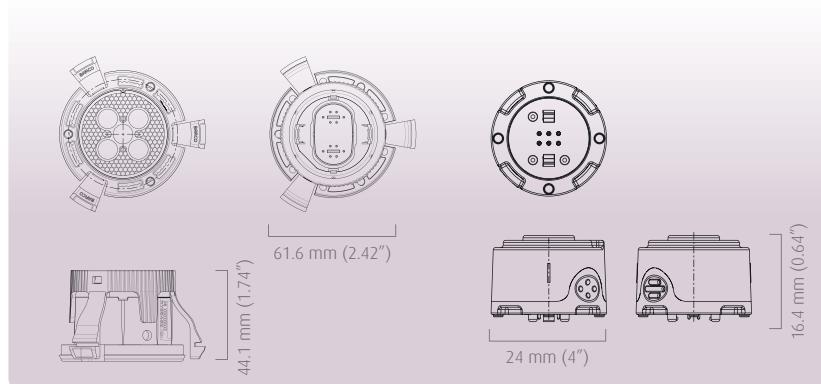


FLX-24



Typical applications:

- branding
- art
- architecture
- events

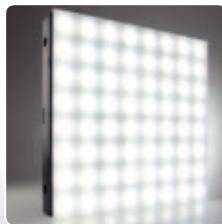
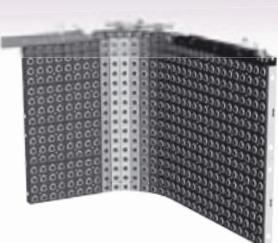


FLX-P50



- Panel size: 800 x 800 mm
- Accommodates 4 subpanels (for FLX-24 or FLX-60) or up to 12 FLX-S25/S50 strips
- Front and rear access
- Various arrangement options
- Suitable for outdoor use
- Magnet attachment for diffusers
- Up to 20 m wall height
- Interlockable with FLX-S100 strips

FLX-P100



FLX-S25

- Strip size 30 x 30 x 800 mm
- Available with 25 mm or 50 mm pixel pitch
- Similar mounting as MiSTRIP
- Easy to combine with panel frame and curtain frame
- Suitable for outdoor use

IP66
WATERPROOF

MODULAR

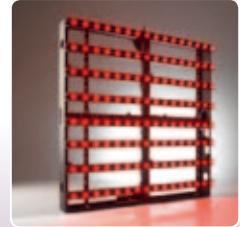
RUGGED

FLX-S50

IP66
WATERPROOF

MODULAR

RUGGED



FLX-S100

- World's first multifunctional self-supporting LED strip
- Strip size: 100 x 100 x 1600 mm
- 100 mm pixel pitch
- Front and rear access on pixel level
- Interlockable
- Horizontal support with snap-in steel cable
- Suitable for outdoor use
- Convex and concave positioning possible, both horizontal and vertical
- Easy to combine with panel carriers

MODULAR

RUGGED



FLX-N100



- World's first "flexible" strip that can be sculpted to your own design
- Dimensions: 100 x 100 x 1600 mm
- 100 mm pixel pitch
- One strip contains 16 links
- Every pixel module can be individually positioned over two axes in various locking positions
- Suitable for outdoor use

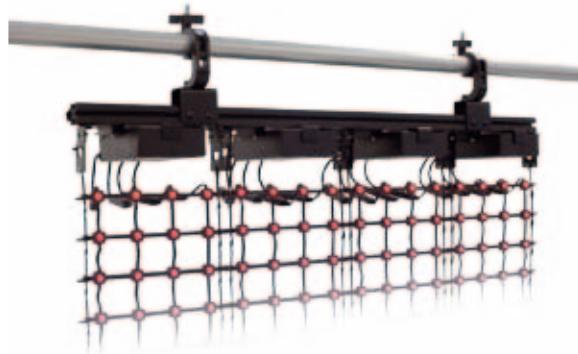
elements

Helix™ G75

If you don't want to sacrifice your creative options for budgetary reasons, Barco offers the Helix G75 LED curtain. Usable in indoor as well as outdoor environments, the Helix G75 can bend, wrap, drape, and fold to conform to even the most challenging designs; yet it is equally functional and stunning when quickly unfolded to create a flat video screen.

Typical applications:

- events
- architecture



elements

Helix™ P1

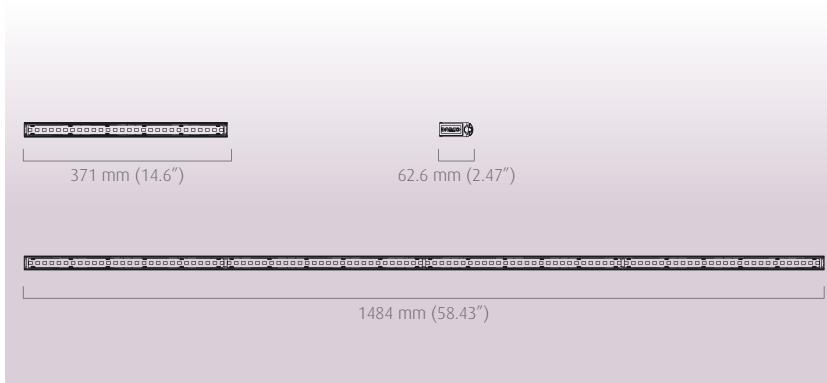
Barco's Helix™ P1 is the smart, cost-effective choice for creative LED setups coiled around unusual architectural environments and surfaces. With 32 LED pixels per string, the Helix P1 offers vibrantly colored imagery that is able to withstand even the toughest weather circumstances.

Typical applications:

- events
- branding
- advertising
- architecture



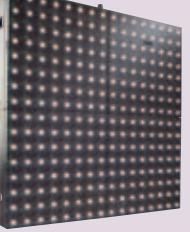
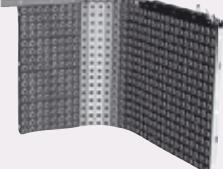
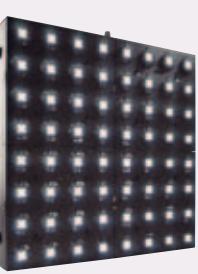
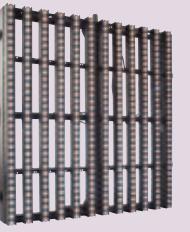
MiSTRIP



MiSTRIP, Barco's creative pixel strip, sets a new standard for LED display technology in a wide variety of applications, from large free-form video displays to architectural visual design. High brightness and a tight pixel pitch in a slim, lightweight yet rugged package make the MiSTRIP a true all-round performer. The possibilities with this innovative product include not only stunningly bright video displays of any size, shape or form, but also lighting-type effects, all in one package. In addition, the MiSTRIP's IP65 protection rating and wide operating temperature range enable outdoor usage in any weather conditions.

Typical applications:

- branding
- art
- architecture
- events

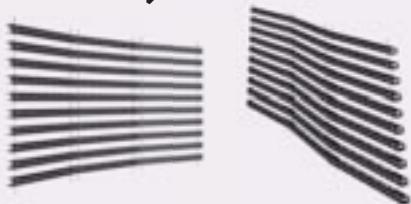
	PIXEL	TILE																															
LARGE PITCH	<p>Helix P1</p> <table border="1"> <tbody> <tr><td>LED type</td><td>3-in-1 SMD</td></tr> <tr><td>Brightness</td><td>2,500 mcd</td></tr> <tr><td>Viewing angle</td><td>120°</td></tr> <tr><td>Pixels per string</td><td>32</td></tr> <tr><td>Protection</td><td>IP65 rated</td></tr> </tbody> </table>  <p>FLX-60</p> <table border="1"> <tbody> <tr><td>LED type</td><td>3-in-1 SMD</td></tr> <tr><td>Brightness</td><td>15,000 mcd</td></tr> <tr><td>Viewing angle</td><td>140°</td></tr> <tr><td>Diameter x height</td><td>60 mm x 60 mm</td></tr> <tr><td>Protection</td><td>IP66 rated 24/7 outdoor use</td></tr> </tbody> </table> 	LED type	3-in-1 SMD	Brightness	2,500 mcd	Viewing angle	120°	Pixels per string	32	Protection	IP65 rated	LED type	3-in-1 SMD	Brightness	15,000 mcd	Viewing angle	140°	Diameter x height	60 mm x 60 mm	Protection	IP66 rated 24/7 outdoor use	 <p>FLX-P100</p> <table border="1"> <tbody> <tr><td>Pixel pitch</td><td>100 - 200 mm</td></tr> <tr><td>Nº of pixels</td><td>max. 64 (8x8)</td></tr> <tr><td>Access</td><td>front and rear</td></tr> <tr><td>Tile size</td><td>800 mm x 800 mm</td></tr> <tr><td>Outdoor use</td><td>intermittant</td></tr> </tbody> </table> 	Pixel pitch	100 - 200 mm	Nº of pixels	max. 64 (8x8)	Access	front and rear	Tile size	800 mm x 800 mm	Outdoor use	intermittant	 
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SMALL PITCH	 <p>FLX-S50/S25</p> <p>FLX strips fixed on FLX panel frame</p>																																

LiveDots 

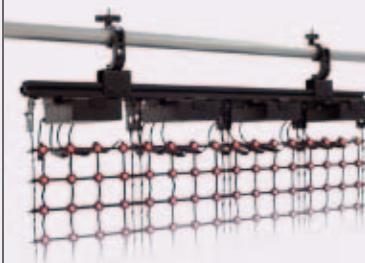
STRIP

FLX-S100

tch	100 mm
ixels	max. 64 (8x8)
front and rear	
ze	80 x 100 x 1600 mm
use	intermittant



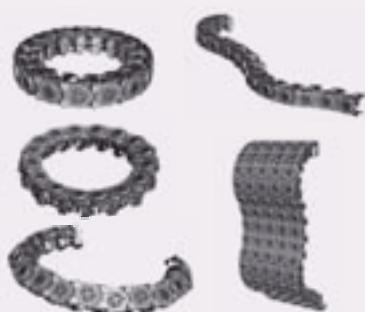
CURTAIN



Helix G75

Pixel pitch	75 mm
N° of pixels	128 (4 x 32)
Flexibility	convex - concave
Panel size	300 mm x 2400 mm
Protection	IP65 rated

FLEXIBLE STRIP



FLX-N100

Pixel pitch	100 mm
N° of pixels	16
Flexibility	various positions/two axis
Strip size	100 x 100 x 1600 mm
Outdoor use	intermittant

FLX-S25 FLX-S50

Pixel pitch	25 mm	50 mm
Brightness	15,000 mcd	
N° of pixels	32	16
Size	30 x 30 x 800 mm	
Outdoor use	yes (IP65 rated)	



MISTRIP

Pixel pitch	13.25 mm
Brightness	6,100 nits
Viewing angle	145° x 145°
Strip size	371 x 26.5 x 55 mm (short strip) 1,484 x 26.5 x 55 mm (long strip)
Protection	IP65 rated



Compatibility matrix

	DX-100 NNI	DX-700 NNI	DX-100 DVI	DX-700 DVI	DMP-100	LED-PRO	Vizomo L1i	Vizomo R1i	DTS	RMS	Raster- Mapper
NX-4	✓	✓	X	X	X	X	X	X	✓	X	X
NX-4S	✓	✓	X	X	X	X	X	X	✓	X	X
NX-6	✓	✓	X	X	X	X	X	X	✓	X	X
C7	X	X	X	X	X	X	✓	✓	X	X	✓
C8v	X	X	X	X	X	X	✓	✓	X	X	✓
C11	X	X	X	X	X	X	✓	✓	X	X	✓
TF-10	X	X	✓	✓	✓	✓	X	X	✓	✓	X
TF-16	X	X	✓	✓	✓	✓	X	X	✓	✓	X
TF-16BK	X	X	✓	✓	✓	✓	X	X	✓	✓	X
TF-20	X	X	✓	✓	✓	✓	X	X	✓	✓	X
SF-10V	X	X	✓	✓	✓	✓	X	X	✓	✓	X
SP-4816	X	X	✓	✓	✓	✓	X	X	✓	✓	X

	DX-100 NNI	DX-700 NNI	DX-100 DVI	DX-700 DVI	DMP-100	LED-PRO	Vizomo L1i	Vizomo R1i
DTS	✓	✓	✓	✓	✓	✓	X	X
RMS	X	X	✓	✓	✓	X	X	X
Raster- Mapper	X	X	X	X	X	X	✓	✓

Icons explained

Throughout this catalog, you'll often find icons next to the pictures of our products. In case of doubt, please refer to the list below for their explanation:

 4 mm PIXEL PITCH	physical pixel pitch of an LED product, measured in mm	 LOW NOISE	very low noise for its class
 8v mm PIXEL PITCH	virtual pixel pitch of an LED product, measured in mm	 IP66 WATERPROOF	front and back outdoor suitability (66 is the highest rating)
 HIGH TEMP RESISTANT	able to perform in intense temperatures	 IP65/54 WATERPROOF	front outdoor suitability
 CONTRAST	exceptional contrast ratio for its class	 RUGGED	designed to withstand the most severe conditions
 COLOR	color consistency does not change with time	 FREEFORM	product can be setup in any conceivable shape
 WIDE VIEW	ultra-wide viewing angle: clearly visible image from nearly all angles	 BROADCAST	genlocking possible with broadcast equipment
 PREVIEW	preview of your screen output	 BRAND-UP	additional brand-up display included
 3D READY	this display is ready for 3D content	 MODULAR	modular, easily serviceable design
 TRUE BLACK	black LEDs	 LOW TCO	low total cost of ownership, low service needs
 LOW ENERGY	exceptionally energy-efficient and/or ergonomic		

tuigen van Opel



C3



elgacom TV

belgacom TV



About Barco

Barco, a global technology company, designs and develops visualization solutions for a variety of selected professional markets: medical imaging, media & entertainment, infrastructure & utilities, traffic & transportation, defense & security, education & training and corporate AV. In these markets, Barco offers user-friendly imaging products that optimize productivity and business efficiency. Its innovative hard- and software solutions integrate all aspects of the imaging chain, from image acquisition and processing to image display and management.



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