

# FLX-24

## Transformable LED, the next generation of creative LED



### Key Benefits

- 16 bit per color video quality
- Pixel module connection system provides ultimate freedom
- IP66 rating for permanent outdoor installation
- Large cable distances for superb flexibility
- One cable can contain up to 256 pixel modules for near unlimited installation possibilities

Barco takes creative LED to a complete new level with the introduction of transformable LED. With this brand new 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. The FLX-24 pixel module has a 24 mm diameter and contains one bright full-color LED.

Thanks to 16-bit per color processing and an ultra high refresh rate, the pixel modules perform similar to high quality LED video displays. You can give your audience the ultimate creative display without compromising on the image quality.

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.

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# FLX-24 Technical specifications

<b>Brightness</b>	3.000 mcd
<b>Light output</b>	11 lumens
<b>Viewing angle</b>	140° (horizontal and vertical)
<b>Color depth</b>	16-bit/color
<b>LED type</b>	3-in-1 Full Color SMD
<b>Access</b>	front or rear
<b>Socket mount</b>	M3 thread in socket
<b>Pixel module mount</b>	top, center or bottom
<b>Diameter</b>	24 mm
<b>Overall height including socket</b>	31 mm
<b>Weight pixel</b>	10 g
<b>Weight incl. socket and cable</b>	30 g (170 mm cable pitch)
<b>Protection (rating when mated)</b>	IP66
<b>Maximum number of pixel modules on 1 cable</b>	256
<b>Default cable string</b>	16 pixels or 64 pixels at a cable pitch of 170 mm, allowing placement on a square grid of up to 100 mm, interconnectable
<b>Custom cable string</b>	made to order
<b>Socket Cable type</b>	circular 4-core, diameter 5.5 mm
<b>Extension cable type</b>	circular 4-core, diameter 5.5 mm

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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 brochure can be found on [www.barco.com](http://www.barco.com).

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