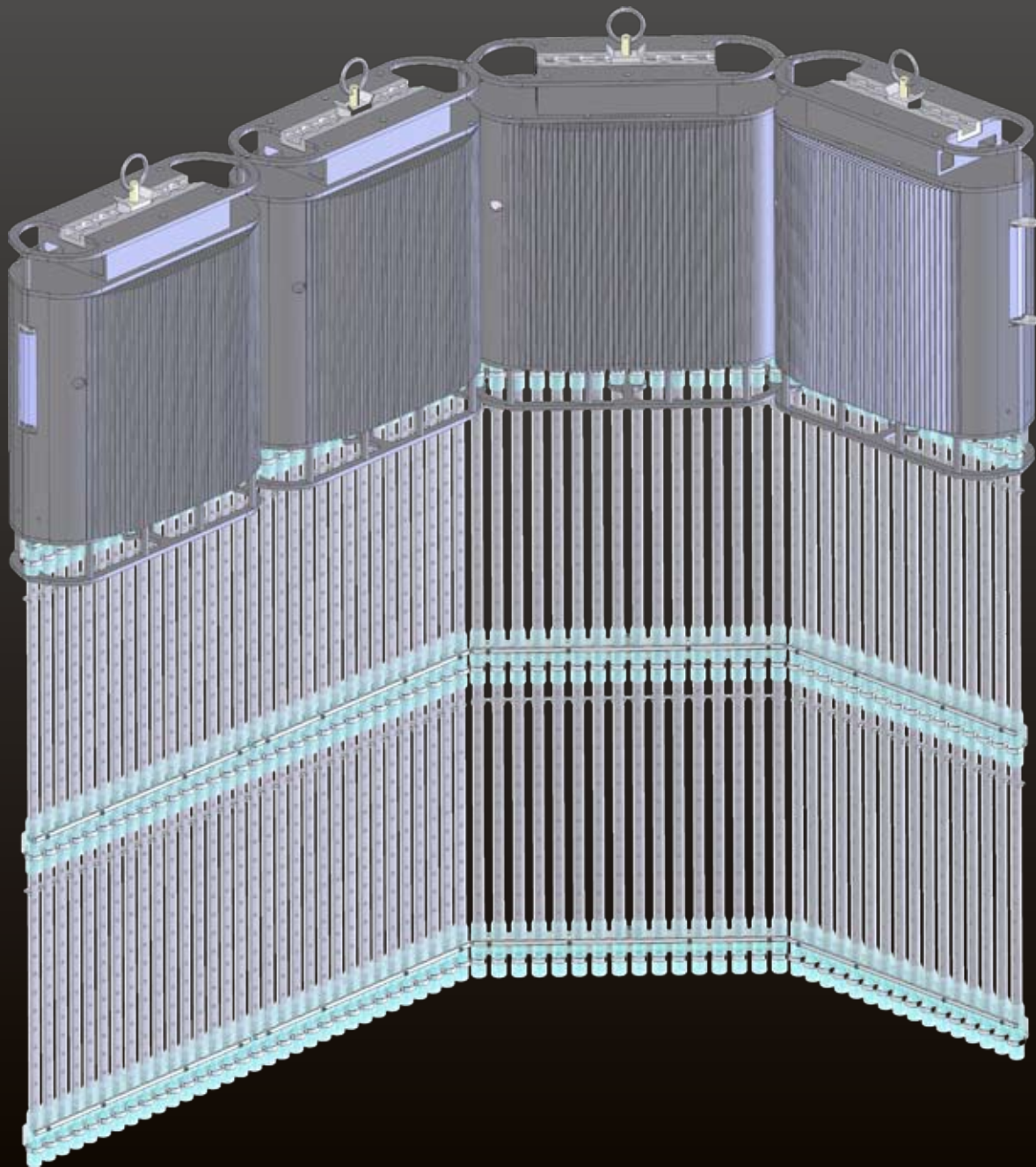


curveLED® flex



»curveLED® flex« - the system for the flexible use of LEDs in all presentation fields

No matter whether event, fair, architecture, indoor or outdoor advertising - this LED system is completely free compatible.

The chief attraction of the new system: the pixel distance was reduced to only 20 mm. New design dimensions open up, particularly by the compatibility of 20 mm and 400 mm pixel strings.

Due to its 7150 nits »curveLED® flex« is fully fit for daylight and can therefore be used as an outdoor LED wall suitable for video for public viewing or as big advertising space.

With only 1/12 of the weight of a conventional outdoor LED wall and 1/10 of its depth »curveLED® flex« is easier transportable and mountable, and particularly at many places which have been unsuitable for LED walls till now.

Brand-new: the fast connections which have been specially designed for the fields of fairs and events which allow an assembly fast as lightning of dozens of square meters. Fanless operation guarantees the low noise level of the system so that it is perfectly suitable for acoustically demanding events like theatre, opera or ballet.

Technical specifications

Special features

- » B1-compliant material (Makrolon®) / BGVC1-compliant
- » Protection level: IP 65 (suitable for outdoor use)
- » Transparency: 63% for 20mm system / 82% for 40mm system
- » Very light and compact to transport
- » Double-sided installation of LED ropes possible with independent content on each side
- » Curved shapes possible horizontally and vertically
- » Control via fibre-optic cable up to 15km long
- » Horizontal pixel spacing can be freely chosen (20mm, 40mm, 60mm, 80mm etc.)
- » 100% suitable for filming - even in dimmed state
- » Quick installation - up to 16 ropes can be mounted at the same time
- » Feedback system - status feedback on operational status of all components in the whole system
- » Colour calibration per SMD LED for 100% white reproduction
- » Redundant signal feed - ensures continued system operation even if cable fails
- » Software - for exact pixel mapping of input to system
- » Suitable for outdoor use: IP 65 at 7150nits (20mm)

curveLED® rope

- Length:..... up to 15.04m - basic unit is 32cm long
Pixel spacing: 40mm and 20mm - double-sided installation
[different content on each side] possible with 40mm version
Rope diameter:..... 12mm
Material:..... polycarbonate in B 1
Weight:..... about 100g per meter
Protection level:... IP 65 (suitable for outdoors)
Transparency:..... 63% for 20mm system, 82% for 40mm system
Calibration:..... complete white calibration using internal memory chip
Colour depth:..... 12bit per colour channel + 7bit for luminance adjustments without colour depth loss
Feedback system:.... feedback on voltage status and pixel dropout
Mounting system: ... mounting allows quick, tool-free installation of 16 LED ropes simultaneously

SMD LED

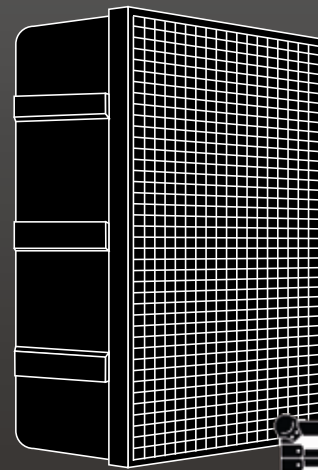
- » Osram 3.5 x 3.2mm black face SMD RGB LED 2360mcd per LED
- » Viewing angle 120° horizontally & vertically (Lambertschen - Radiator)
- » 7150nits at 20 x 20mm pixel spacing
- » 1787nits at 40 x 40mm pixel spacing

curveLED®flex router module

- » Per module: up to 16 ropes 15.04m long
- » Module weight: 7.5kg incl. auxiliary equipment
- » Horizontally bendable up to 45° in either direction
- » 35cm high - 32cm wide - 14cm deep automatic electronic fuse for each LED rope
- » Signal feed via network- or optionally Fibre-optic cable redundant signal feed
- » Equipped with a sophisticated feedback
- » Power consumption max. 1200W

General system

- » Input signal: DVI input 24bit colour depth - max. resolution full HD 1920 x 1200 pixels / 60Hz
- » Internal refresh rate: 1920Hz - 100% suitable for filming even in dimmed state
- » Feedback system: gives feedback on all aspects of system operation, such as the router module and LED rope temperature, bit error rate between individual modules, voltages on individual LED boards
- » Input voltage: 100-240V, 50-60Hz
- » Operating temperature: 0-50°C

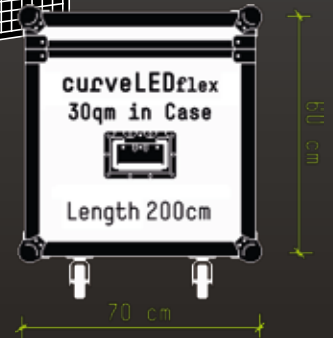


Classic Outdoor LED-Modul

Size: 1qm
Weight: 75kg

curveLED flex

Size: 1qm
Weight: 5.5kg



Double-sided LED installation

Quick release