



Innovative illumination to meet the highest standards  
made in Germany.



## System TF70 | TF100

The LED frame profile for stretched fabric banners



Window dressing with TF70.  
Realization Libroff Sdn Bhd, Kuala Lumpur / Victoria's Secret Kuala Lumpur.

” Some stand in the dark while the others stand in light.  
One sees only those in light, those in the dark are out of sight. “

Bertolt Brecht

## Capture the attention of your customers.

We have the solution:

Whether as expressive advertising at trade fairs, an effective eye-catcher for use in showrooms, shops and shop windows, for mobile promotional deployment or as an attractive sales display.

**Our TF70 and TF100 LED aluminium profile systems are the perfect solution.**

# Why our system?

It is perfect to the last detail:

- Unique cooling system, protected as a utility model
- Case light with highly efficient special lenses for motif sizes up to 5 x 8 m.
- Genuine high power LEDs of a particularly high range
- Printed banner in B1
- Shallow housing depth: only 70 mm or 100 mm
- Variable applications
- Customised dimensions
- Short delivery times
- Made in Germany

Profile TF70  
Single-sided application



Profile TF100  
Double-sided application



Realization White Light Genk-BE/TUI

# Absolutely thought-through

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## Optimised for use in practice

This is already evident in the complete ease of assembly of the aluminum frame. They are light-weight and simultaneously very stable. It can be installed in no time in a few simple steps. We have even taken their use for larger sizes into consideration: The frames can be easily disassembled for comfortable transport. In addition, they can be combined to any desired length.

# Technology „Made in Germany“

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## The frame profile

The heart of our frame profile is our unique cooling element. The protected in-house development is optimally integrated into the system and ensures the absolutely necessary, safe heat dissipation of the high-power LEDs. The fascinating result is a particularly effective LED cooling, the prerequisite for constantly high luminous efficiency for high-power LEDs..



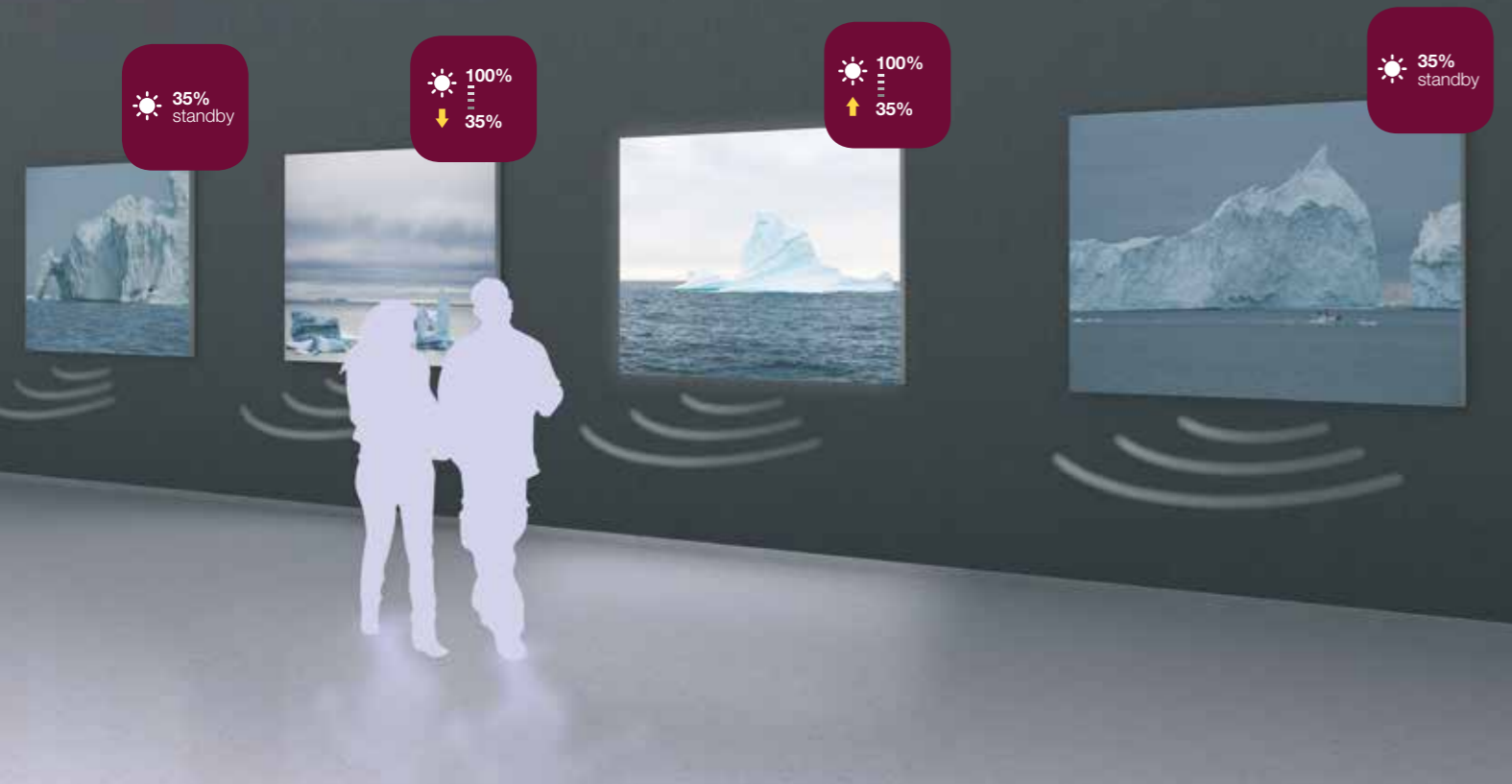
Profile TF70, single-sided image surface



Profile TF100, double-sided image surface

Optimal heat dissipation guarantees high luminous efficiency, even during continuous operation.

# Move Tronic working principle



IN DEVELOPMENT



## Your message lives

### Move Tronic

Capture the attention of customers and save energy in the process. Attract the interest of your customers through our optional system to detect the presence of viewers: Move Tronic

Once your customer approaches the LED banner module, our radar-based system recognises their presence and drives the LED brightness to 100%.

When they leave the detection range, the system automatically returns to stand-by mode, reducing the brightness to about 35% and thus saving a lot of energy.

Thus, you only deploy the full power when it is needed, and gain a potential viewer's attention through the change in brightness - because something is happening.



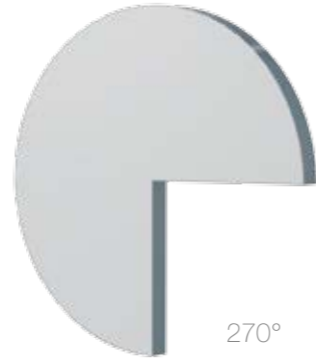
Circular segments



90°



180°



270°



360°

Rectangle with rounded corners



Rectangle with semicircle



## Well-rounded

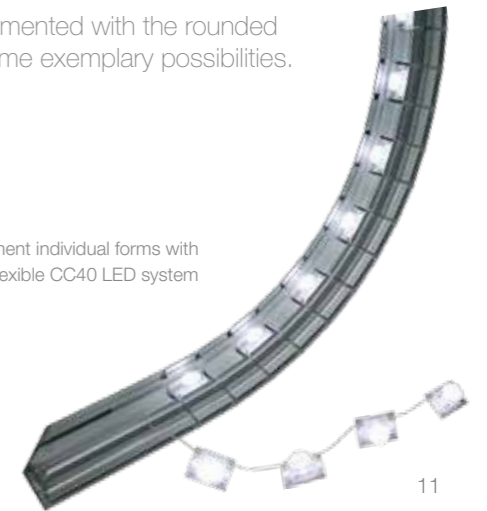
### More design freedom through curved elements

Implement individual shapes and logos exactly. Through using curved elements you have even more creative freedom with our flexible CC40 LED system:

In addition to the standard individual formats, the shapes of the system can now be customised to meet your requirements. Work with rounded corners, circles, semi-circles or droplet shapes for your personal and individual touch.

Now your own shapes, round logos and other applications can be segmented with the rounded elements from a radius of 400 mm. The graphics on page 10 show some exemplary possibilities.

**New:** implement individual forms with the flexible CC40 LED system





Creativity without frontiers:  
Realization W. Keller AG, Oberbüren-CH / Exhibition Liechtenstein National Museum



Realization PICOS Grafik GmbH / Vorteil-Center Asbach



New aesthetics meets high Performance:  
Realization Neveroff Co., LTD. Thailand/Shoppingmall Bangkok.

## Attractive and flexible

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### A special advantage: high flexibility

Changing the motif takes place in no time, because the fabric banner is easily fixed with the beading in the aluminium profile. It can thus be quickly and easily replaced, is stretched directly and wrinkle-free.

Always elegant and frameless, the LED frame profiles for stretched fabric banners lend themselves perfectly for deployment at trade fairs, in offices or private rooms.

They also meet all the requirements of fire protection class B1 - customised security.





TF70 in the format 5.5 x 3 m.  
Realization Walltuners, Hamburg / lounge area in private company



Of course, the basic features can be expanded at will:  
for example, by dimmers, daylight control or Move Tronic.



Window dressing with TF70.

Realization Libroff Sdn Bhd, Kuala Lumpur / Victoria's Secret Kuala Lumpur.

## Great illumination

### Through the use of high-power LEDs

Extremely bright SMD LEDs of an especially high range are deployed – from, of course, the worldwide market leader: CREE-USA. The impressive combination of these high-power LEDs with lenses especially developed for us, sets completely new standards in case lighting technique. Thus an optimal light distribution is ensured that accommodates even large formats of 5 x 8 m. Our high-power CC40, CC85 and CC120 LED modules are pre-assembled, wired, equipped with a practical plug system and are delivered plug-in ready.





**Atmosphere at its best:**  
Realization W. Keller AG, Oberbüren-CH / Fair-Restaurant OLMA, St. Gallen-CH.



**Size show:**  
TF70 in format 4,7 x 4,1 m Realization: Fine print, Bielefeld / Bugatti showroom, Dusseldorf.

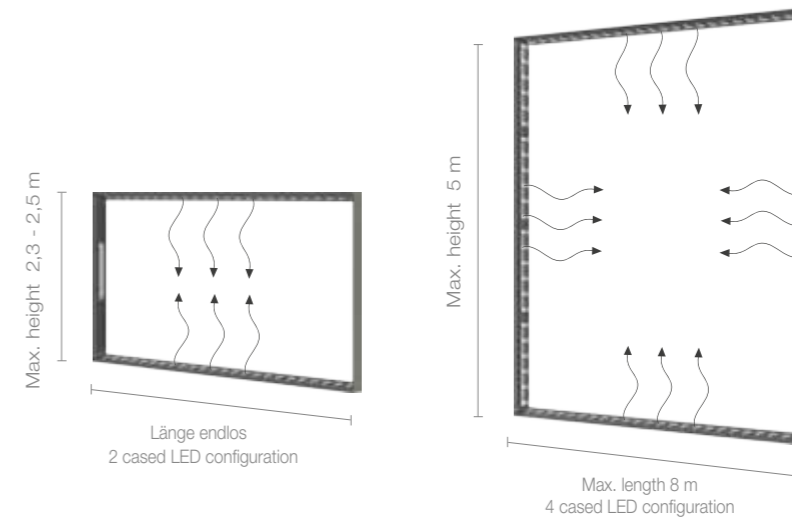


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## Great things greatly presented

### The dimension

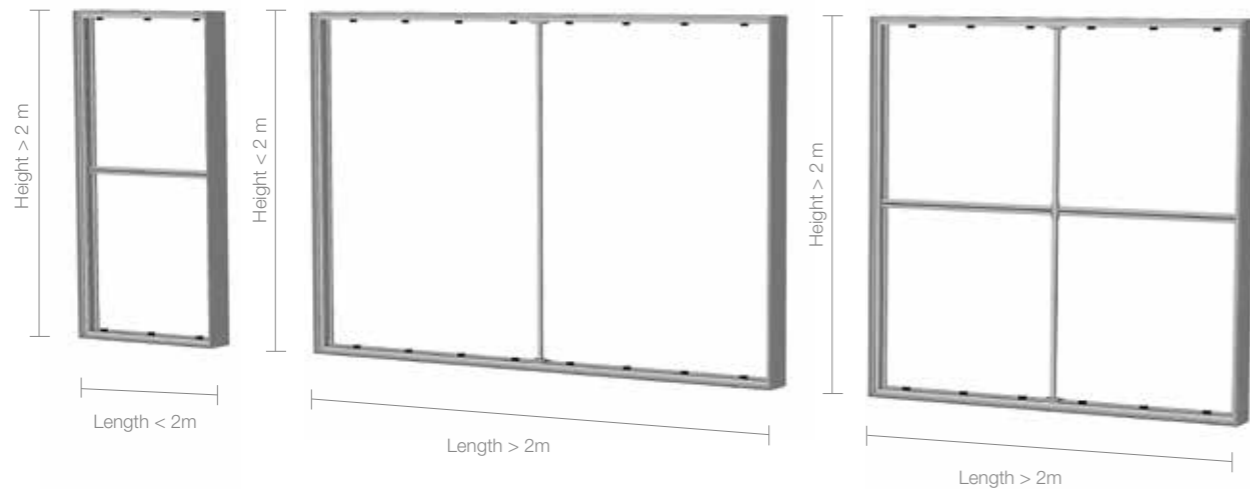
The case lighting consists of very high range high power LEDs in a unique combination with custom-made special lenses. For a 4 cased LED configuration this combination allows formats of up to 8 x 5 m to be backlit.



# Out of the shadows

## Stability in perfection

The perfection down to the smallest thought-through detail is also evident in the different integrated stiffening braces depending on the format. Whether as a horizontal, vertical or diagonal brace: The system does not throw any distracting shadows onto the advertising motif and effectively prevents the banner from distorting the frame. The particularly rigid TF100 profile doesn't require a stabilising brace up to 2 x 2 m.



Natürlich lässt sich die Basis-Ausstattung nach Belieben erweitern:  
durch farbige LEDs, RGB Farbwechsel, Dimmer und Tageslichtsteuerung.



## The accessories



### Stand A400 sturdy aluminum base with rubber studs

Can be used up to 1.7 m frame height, larger frame formats should be additionally secured, for example, by wire suspension.

Dimensions: A400: 400 x 100 x 10 mm

Finish: anodised in E6/Ev1



### Stand A650 sturdy aluminum base with rubber studs

Can be used up to 2.5 m frame height, larger frame formats should be additionally secured, for example, by wire suspension.

Dimensions: A650: 650 x 100 x 10 mm

Finish: anodised in E6/Ev1



### Stand B lateral base

Can be used up to 2.5 m frame height and max. 1.8 m frame length.

Dimensions: 500 x 290 x 5 mm

1. Finish: powder-coated in E1 (standard)

2. Finish: sanded and anodised in E6/EV1 (surcharge)



### Wire suspension

Brass threaded bushings with recessed wire outlet, stainless steel wires 1,5 m x 1.5 mm with 15 kg. load-bearing capacity per wire.

Height adjustable ceiling mount, nickel-plated.



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### **Licht-Konzept & Form**

Lichttechnische AG

Xantener Straße 86-90

50733 Köln

Phone +49 221 / 952 39 - 30

Fax +49 221 / 952 39 - 27

Internet **[www.TF70.de](http://www.TF70.de)**

eMail **[info@TF70.de](mailto:info@TF70.de)**

### **Swiss**

W. KELLER AG

CH-9245 Oberbüren

[www.w-kellerag.ch](http://www.w-kellerag.ch)

### **Malaysia**

Libroff Sdn. Bhd.

47300 Petaling Jaya

[www.libroff.com](http://www.libroff.com)