

# HAROL

WE BELIEVE IN NATURAL COOLING

# Harol Coolscreen 8 LED

Experience the next  
generation sun protection



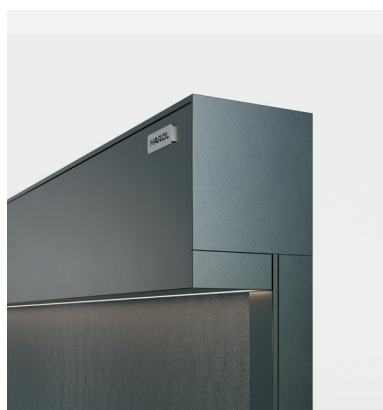
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# Coolscreen 8 LED, lighting with allure

Discover the Coolscreen 8 LED, where lighting merges with ambience and safety. With integrated LED lights, economical and seamlessly built into the box, this sun screen offers an instant mood boost and increases safety in and around your home. Thanks to dimmable LED lighting, not only the ambience is enhanced, but also the architectural look of your home, office or catering establishment. Coolscreen 8 LED combines natural cooling with security and style, all in one elegant design.



## Sleek eco-design

The sleek eco-design of this minimalist box exudes modern simplicity. It is all in the details: a minimum of parts, clickable, no visible screws on the outside and an invisible bottom lath without weld seams. This box embodies an aesthetically refined approach where functionality goes hand in hand with a streamlined design.



## Integrated LED lighting

Increase security and enhance the ambience of your home with Harol's versatile Coolscreen 8 LED, which features energy-efficient, integrated LED lighting. Fully integrated into the box, this lighting offers not only a sense of security, but the screen also provides natural cooling and style all in one.

## Smooth installation

With translucent to 100% blackout fabrics, the Coolscreen 8 LED offers various personalisation options. The screen can easily be placed in front of the window, in the window opening or on the façade without perforating the building shell, making it a perfectly integrated and durable sun screen for any environment. Ideal for new builds and renovations.

## Silent operation

Thanks to optimised X-glide technology, a special profile that neutralises resonance in the box, the Coolscreen 8 LED operates silently. In addition, the X-glide technology guarantees a long lifespan of the fabrics, which makes the Coolscreen 8 LED an example of sustainable cooling.

## Available fabrics and technical properties

	Sergé Ferrari			Copaco		
	Soltis Horizon 86	Soltis Perform 92	Soltis Opaque B92	Sergé 600	Sergé 1%	Sergé Blockout Lunar
Type	Polyester	Polyester	Polyester	Glass fibre	Glass fibre	Glass fibre
Weight approx. (g/m <sup>2</sup> )	380	420	650	535	620	660
Thickness approx. (mm)	0.43	0.45	0.60	0.55	0.80	0.78
Transmission of direct sunlight	14%	3%	0%	5%	1%	0%
Solar factor G <sub>tot</sub> values**	0.12 - 0.22	0.05 - 0.16	0.01 - 0.05	0.08 - 0.12	0.06 - 0.09	0.02 - 0.05

## Cooling naturally thanks to Coolscreen 8 LED

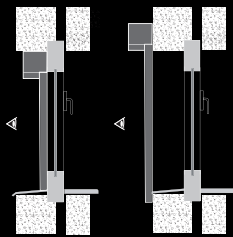
- ▶ Minimalist design with no need for screws
- ▶ Ultra-taut fabrics and noiseless operation
- ▶ Window areas up to 24 m<sup>2</sup>
- ▶ Quick installation
- ▶ Compact 90 mm, 110 mm or 135 mm box that fits perfectly in or on the window opening.

# Premium quality

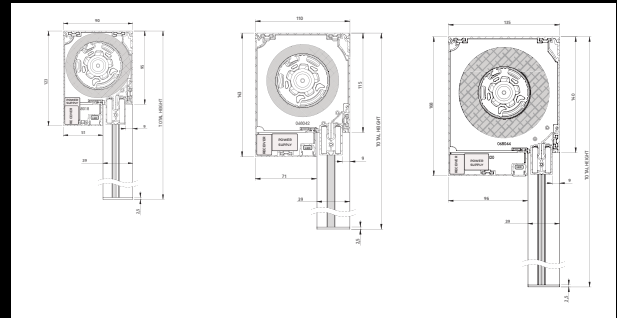
## Compact eco-design at its best.

### Installation

- ▶ Surface-mounted screen Coolscreen 8 LED can be fitted in front of the window, in the window opening or on the façade.
- ▶ Coolscreen 8 LED is suitable for new-build as well as renovation projects.



- ▶ Box available in 3 sizes: 90 x 123 mm, 110 x 143 mm and 135 x 168 mm. The 90 mm box fits perfectly into the window opening, making it blend seamlessly with the façade.



- ▶ Narrow bottom lath of 37 mm that cleverly hides the weld seam and disappears completely into the box when closed.
- ▶ Aesthetic perfection thanks to screwless design both of the box and guide rail.

### Technical ingenuity

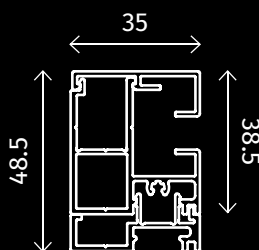
- ▶ The innovative motor bracket and Cable Control Technology ensure faster and more efficient installation and after-service.
- ▶ Harol Coolscreen 8 LED features Somfy's latest-generation io control as standard. This ultra-efficient screen motor works day and night and in all weather conditions. The motor features an integrated Somfy io home control receiver.
- ▶ Wide choice of high-tech fabrics that provide optimum sun protection and ensure outside visibility according to the user's needs.

### Durable

- ▶ High-quality and durable system, tested up to 15,000 cycles.
- ▶ Compliant with Wind class EN13651: wind class 3.
- ▶ Box and parts are powder coated in our own environmentally friendly paint shop.
- ▶ Harol's manufacturing processes are 100% powered by green wind energy.
- ▶ Minimum parts for maximum applications.
- ▶ Fully clickable design for efficient end-of-life recycling.

### Design

- ▶ Rectangular, minimalist box, made of extruded aluminium.
- ▶ One clickable guide rail in one compact size of 35 mm that can be used for various installation applications.



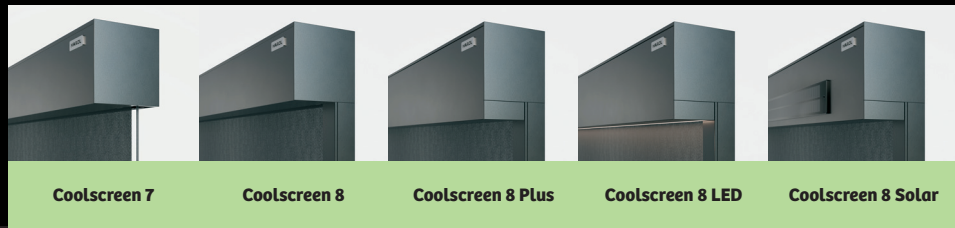
### Maintenance

- ▶ The box and profiles should be cleaned regularly with lukewarm water and neutral soap and then rinsed with tap water. Do not use corrosive or aggressive products, scouring pads or other abrasives.
- ▶ The closed box efficiently protects the fabric against grime and dirt.

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## STRUCTURE / DESIGN

Type	Surface-mounted	Surface-mounted	Surface-mounted	Surface-mounted	Surface-mounted
Max. width	3.5 m	6 m	6 m	6 m	4 m
Max. height	3.5 m	6 m	6 m	6 m	3 m
Max. surface area	9 m <sup>2</sup>	24 m <sup>2</sup>	24 m <sup>2</sup>	24 m <sup>2</sup>	12 m <sup>2</sup>
Box	Rectangular / round	Rectangular / round	Rectangular	Rectangular	Rectangular
Box dimensions	90 x 95 mm 110 x 115 mm 135 x 140 mm	90 x 95 mm 110 x 115 mm 135 x 140 mm	90 x 123 mm 110 x 143 mm 135 x 168 mm	90 x 123 mm 110 x 143 mm 135 x 168 mm	90 x 123 mm 110 x 143 mm
Guide rail	Cable guide	Clickable, 1 type	Clickable, 1 type	Clickable, 1 type	Clickable, 1 type

## OPERATION

io motor	Standard	Standard	Standard	Standard	Standard
RTS motor	Option	Option	Option	Option	Option
Wired	Option	Option	Option	Option	N/A
Manual (winch handle)	Option	Option	Option	Option	N/A

## WIND RESISTANCE

Beaufort	Up to Beaufort level 5	Up to Beaufort level 6	Up to Beaufort level 6	Up to Beaufort level 6	Up to Beaufort level 6
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## OPTIONS

Sun and wind sensor	Option	Option	Option	Option	Option
LED lighting	N/A	N/A	N/A	Standard	N/A
Blackout fabric for bedroom	N/A	Option	Option	Option	Option

## DURABILITY

X-glide anti-wear fabric technology / Quieter screen	Standard	Standard	Standard	Standard	Standard
Tested up to 15,000 cycles	Standard	Standard	Standard	Standard	Standard



### Applications

Catering venues, hotels, homes, flats, care homes, etc.



### Warranty

5-year product warranty.



### Controls

Harol Coolscreen 8 LED comes with an io control device as standard, which can be connected to the io home control system for building automation. [io-homecontrol.com](https://io-homecontrol.com)



Harol reserves the right to make technical changes to the products detailed above.