

HAROL

WE BELIEVE IN NATURAL COOLING



Lux



reddot winner 2022





Lux, great in quality and sun protection



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archiproducts
DESIGN AWARDS
2022

WINNER

A shaded patio and a cool home ... Always a formula for success. This is why Harol developed Lux. Lux is a folding arm awning which, because of its refined design, suits every architectural style. Every conceivable option for maximum comfort can be added to this high-end sun protection solution.

Reliable Harol arms, now Invisibly Wired

Harol created a new folding arm with longer life, thanks to perfect cable tensioning and run-out. This folding arm has endured a test consisting of 25,000 cycles, equivalent to 25 years of opening and closing the awning twice a day! Each arm contains two stainless steel cables. With the invisibly wired arms, the cables are concealed, and the pure, simple shape of the folding arms come into their own. In addition, the folding arm can be fitted with dimmable led lighting. So you'll be able to enjoy your patio for longer in the evenings!



Sensors keep it safe

Thanks to the sensors, you don't need to worry about the awning. When there's a strong wind, the awning closes automatically. When the sun shines, it opens automatically. During light rain, you'll stay dry under the screen, provided that the screen slopes sufficiently to allow the water to run off through the integrated water drain in the extension pole.

Lighting creates atmosphere

Enjoy your patio for longer in the evening, thanks to the dimmable led lighting. Options for led lighting:

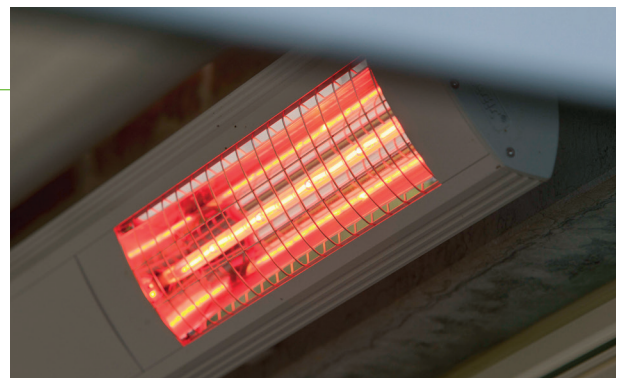
- Indirect light in box and extension pole
- Direct light in box
- Direct light in arms
- Direct light in arms and box

Sun protection at its best

Even when the sun is low, you can protect your patio and house from the heat, thanks to the vario-valance integrated into the extension pole.

For added comfort, choose from the following options

- ▶ Under-awning heating
- ▶ Various led lighting options
- ▶ Sensors (sun, rain, temperature and wind sensor)
- ▶ Extra protection against the sun, thanks to a vario-valance



*Maximum wind load resistance class 2 for an open awning in accordance with European Standard 13561.

Premium quality

All the benefits of summer without any of the drawbacks.

Installation

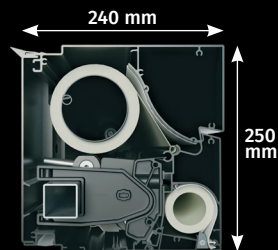
- ▶ As Lux offers the choice for both wall and ceiling mounting, there is the option to mount the awning either on the façade of a house or under a canopy.
- ▶ The pole fitting system enables balanced tensioning. The forces acting on the folding arm awning are distributed over all the pole profiles.

Servicing

- ▶ The box, arms and water drainage must be cleaned regularly with lukewarm water and a mild detergent, then rinsed thoroughly with tap water. (at least twice a year)
- ▶ With a closed box, then the fabric will be effectively protected against dirt. Furthermore, the awning's fabric is treated with a special dirt-repellent product. If the fabric still needs to be cleaned, then it's best to ensure it's free of dust by vacuuming, blowing, shaking or brushing off the dust. For watery stains, moisten thoroughly and rub with a clean cloth. Only use detergents such as soap or other chemical products in very exceptional situations.

Design

- ▶ Square box
- ▶ Closed system
- ▶ Sleek fitting against a wall
- ▶ Invisibly wired arms



Sustainable

- ▶ High-quality and durable folding arm system, lasting up to 25 000 cycles.
- ▶ Thanks to the sliding profiles, the fabric is effectively supported when opening and closing the awning. As a result, the woven acrylic fabric with rot- and fungicidal treatment included, will last much longer.
- ▶ Thanks to the angular displacement with wind gust security, the screen cannot be damaged by a sudden gust of wind.

Aesthetics

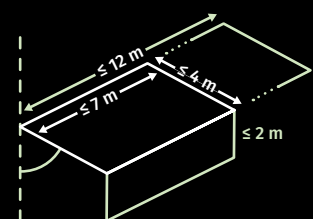
- ▶ The sleek Lux box results in an attractive, refined design.
- ▶ Match the folding arm screen to your exterior joinery. Available in all RAL colours and a wide range of paints and textured coatings, all at the standard price.
- ▶ Numerous options for even more comfort: vario-valances, heating, dimmable led lighting ...
- ▶ The awning protects against UV rays and excess heat in the home and is available in high-quality technological fabric in a wide range of materials and colours.
- ▶ Standard: Dickson Orchestra of Sattler Urban Design
- ▶ Optional: choose from the Swela, Sattler and Dickson collections

Lighting creates atmosphere

- ▶ Options for led lighting:
 - ▶ Indirect light in box and extension pole
 - ▶ Direct light in box
 - ▶ Direct light in arms
 - ▶ Direct light in arms and box
- ▶ Under-awning heating

Shaded area

- ▶ Width up to 7 m
- ▶ Drop up to 4 m
- ▶ Linkable up to 12 m
- ▶ Pitch 10° to 40°
- ▶ Valance 25 cm
- ▶ Vario-valance up to 2 m



minimal LUX	minimal BX270	Elegant CADIZ	Elegant TUCAN	Elegant BX260	Curved PRAIA
					

STRUCTURE

Box type	Closed box	Closed box	Closed box	Closed or semi-open	Closed box	Open / (cover = optional)
Box dimensions	240 mm depth, 250 mm height	162 mm depth, 227 mm height	295 mm depth, 185 mm height	200 mm depth, 130 mm height	155 mm depth, 223 mm height	290 mm depth, 265 mm height
Max. width (mm)	7000	7000	7000	5500	7000	7000
Max. drop (mm)	4000	3500	4000	3000	3500	4000
Max. height vario-valance (mm)	2000	n/a	2000	n/a	n/a	2000
Linkable	Up to 12 m	Up to 12 m	Up to 12 m	n/a	Up to 12 m	Up to 12 m
Water drain in extension pole	Standard	Standard	Standard	Standard	Standard	Standard
Fabric for awning	Different materials & colours	Different materials & colours	Different materials & colours	Different materials & colours	Different materials & colours	Different materials & colours
Invisibly wired arms	Standard	Standard	Standard	n/a	Standard	Standard

CONTROLS

Manual operation with crank	n/a	Optional	n/a	Optional	Optional	Optional
Motor-controlled	Standard	Standard	Standard	Standard	Standard	Standard
Transmitter	Standard	Standard	Standard	Standard	Standard	Standard
RTS	Optional	Optional	Optional	Optional	Optional	Optional
Wired	Optional	Optional	Optional	Optional	Optional	Optional

OPTIONS

Fixed valance	Optional - choice of 4 types of valance	Optional - choice of 4 types of valance	Optional - choice of 4 types of valance	Optional - choice of 4 types of valance	Optional - choice of 4 types of valance	Optional - choice of 4 types of valance
Vario-valance with io-motor	Optional	n/a	Optional	n/a	n/a	Optional
Direct led lighting (arms)	Optional	n/a	Optional	Optional	n/a	Optional
Direct led lighting (box)	Optional	Optional	Optional	n/a	n/a	Optional
Direct led lighting (arms & box)	Optional	n/a	Optional	n/a	n/a	Optional
Indirect led lighting (box & extension pole)	Optional	n/a	Optional	n/a	n/a	n/a
Sun, wind & rain sensor	Optional	Optional	Optional	Optional	Optional	Optional
Storelight led spotlights	Optional	Optional	Optional	Optional	Optional	Optional
Storelight heating	Optional	Optional	Optional	Optional	Optional	Optional



Applications

Catering venues, hotels, homes, gardens, care homes ...



Warranty

5-year product warranty



Controls

As standard, Lux is fitted with io-controls, which can be connected to the io-home control system for building automation.

io-homecontrol.com



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