Wireless awning lights

AMS Advanced Mechanical Solutions

A wireless, removable LED lights system designed for carbon-fibre awning poles. Featuring RGB-W technology, it offers full-colour and adjustable white temperature control via remote control, Casambi app, or seamless integration with on-board automation systems such as Crestron®. Elegant, smart, and discreet, it blends perfectly into the yacht's design, no visible cables or fittings.

KEY ADVANTAGES

- Wireless, fully removable lighting system for carbon-fibre awning poles
- Elegant, non-invasive design no visible cables or fittings
- Patent-pending gravity switch for automatic ON/OFF control
- RGB-W LED technology: adjustable white (3600–5000 K) and full-colour spectrum
- Remote control, Casambi app, or integration with yacht control systems (e.g. Crestron®)
- Individual or synchronized lamp control
- 5 Ah lithium-ion battery providing over 7 hours of autonomy
- Fast USB-C charging via watertight integrated connector
- Optional 4-lamp charging box with matching design
- 3D-printed waterproof housing, tested for UV ageing and salt-spray resistance
- Fits awning poles from Ø80 mm to Ø140 mm retrofit-compatible
- Available in any RAL colour or custom yacht finish



A gravity switch turns the lamp ON when upright and OFF when laid horizontally or placed on the charging base, preserving battery life.

Innovative, reliable, and seamlessly integrated, a perfect balance between design, functionality, and technology.

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Lighting technology	RGB-W high-efficiency LED with adjustable white (3600–5000 K) and full-colour spectrum control
Control system	Remote control, Casambi app, or integration with on-board automation systems (e.g. Crestron®)
Gravity switch (patent pending)	Automatic ON when upright; automatic OFF when laid horizontally or in the charging base
Battery type	Rechargeable 5 Ah lithium-ion battery
Autonomy	Over 7 hours of continuous operation
Charging system	Fast USB-C charging via integrated watertight connector
Charging box	Optional 4-lamp charger box with coordinated design
Housing material	3D-printed waterproof housing, painted and finished to yacht standards
Waterproof rating	Fully sealed and watertight
Mounting	Retrofit installation on awning poles Ø80 mm –140 mm, no invasive modifications required
Surface finish	Painted in any RAL colour or custom yacht colour
Durability tests	UV ageing and salt-spray corrosion resistance verified

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