

## Specification Sheet

User Interfaces > Antumbra



### Contemporary button panel with colour LCD

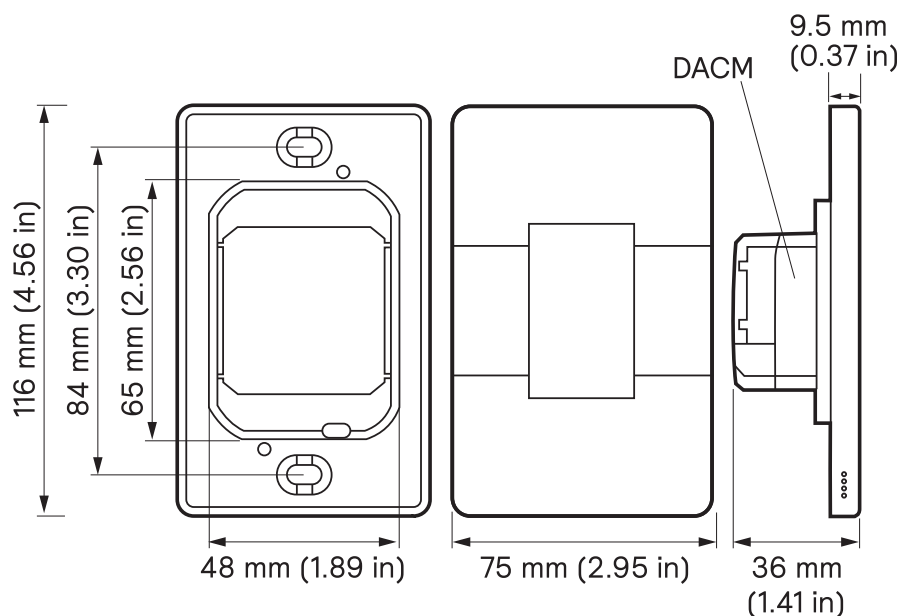
The Antumbra Display user interface provides a central display to present multiple pages of functions and system information. It incorporates the latest in field effect technology.

The contemporary design features a number of button configurations, with each button capable of local or site-wide control functions. The DADPA range is suitable for, but not limited to, North American, South American, Australian, and New Zealand markets.

## Key Features

- **Field effect proximity detection** – The user interface detects an approaching user and 'wakes up', initiating a wall-wash lighting effect to encourage interaction (mounting plate must be grounded to avoid false triggering from nearby ungrounded metal objects).
- **Supplied as two components** – The Application Module contains buttons, rim, base, and mounting plate, which can be mixed and matched to suit décor. The Communication Module contains all of the logical and network functions and is pre-programmed off-site, allowing commissioning to commence prior to finish options being finalised.
- **Hidden sensory inputs** – Built-in temperature and humidity sensors automatically adjust air conditioning when integrated into the system.
- **Colour LCD** – Navigate up to 16 pages of button functions and system information such as temperature, time, channel level, and current scene.
- **Multiple language and icon labelling** – Button labelling language choices include English, Chinese, and Arabic. A library of common icons transcends language barriers, which is particularly useful in hospitality applications.
- **Décor-matching options** – Buttons and rims are available in a range of attractive polycarbonate and metallic finishes.

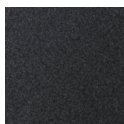
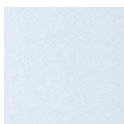
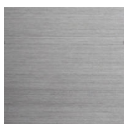
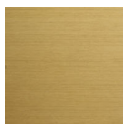
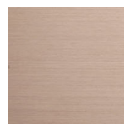
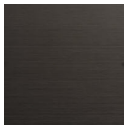
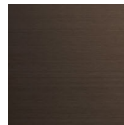
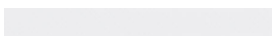
## Dimensions



Specifications

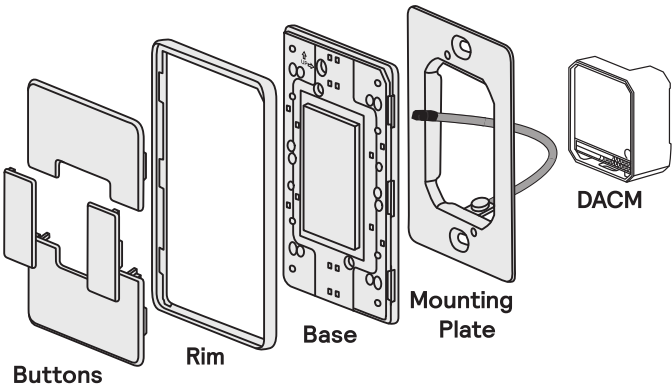
|                                |                                                                 |                                  |                                                                                 |
|--------------------------------|-----------------------------------------------------------------|----------------------------------|---------------------------------------------------------------------------------|
| Electrical                     |                                                                 | Communication Module             |                                                                                 |
| Supply Type                    | DyNet                                                           | Serial Ports                     | 1 x RS-485                                                                      |
| Supply Voltage                 | 12-24 VDC<br>(SELV/Class 2)                                     | Supported Protocols              | DyNet                                                                           |
| Supply Current                 | 90 mA @ 12 VDC<br>50 mA @ 24 VDC                                | User Controls                    | 1 x service switch                                                              |
| IEC Overvoltage Category       | III                                                             | Indicators                       | 1 x service LED                                                                 |
| Display                        |                                                                 | Physical                         |                                                                                 |
| Display Type                   | TFT-LCD                                                         | Dimensions                       | 116 x 75 x 36 mm (4.57 x 2.95 x 1.42 in)<br>(Fully assembled)                   |
| Display Resolution             | 480 x 272 px                                                    | Packed Weight                    | Application module: 0.2 kg (0.44 lb)<br>Communication module: 0.12 kg (0.25 lb) |
| Viewable Area                  | 53.3 x 30.2 mm (2.1 x 1.19 in)                                  | Serial Ports                     | 1 x 5-way pluggable screw terminal                                              |
| Viewing Angle                  | 80°                                                             | Serial Port<br>Conductor Size    | 0.3-2.5 mm² (#22-12 AWG)                                                        |
| Application Module             |                                                                 | Environment                      |                                                                                 |
| User Controls                  | 6 x software-configurable buttons                               | Operating Temperature            | -5° to 50°C ambient (23° to 122°F)                                              |
| Indicators                     | White indicator LED on each button<br>White wall-wash backlight | Storage/Transport<br>Temperature | -25° to 60°C ambient (-13° to 140°F)                                            |
| Temperature Sensor<br>Range    | 5° to 40°C (41° to 104°F)                                       | Relative Humidity                | ≤90% non-condensing                                                             |
| Temperature Sensor<br>Accuracy | ± 1°C (± 1.8°F)                                                 | IEC Pollution Degree             | II                                                                              |
| Humidity Sensor<br>Accuracy    | ± 5%                                                            | Installation Note                | Indoor installation only                                                        |
|                                |                                                                 | Compliance                       |                                                                                 |
|                                |                                                                 | Certifications                   | CE, RCM, FCC, UL/cUL, ISED, UKCA                                                |
|                                |                                                                 | Sustainability                   | RoHS                                                                            |
|                                |                                                                 | IP Rating                        | IP22                                                                            |

Available Finishes

|                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                      |                                                                                       |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |  |  |  |  |
| Magnesium                                                                          | Silver                                                                              | White                                                                               | Aluminium                                                                           | Gold                                                                                | Prestige (Rose Gold)                                                                 | Aluminium                                                                             |
|                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                      |  |
|                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                      | Chrome                                                                                |
|                                                                                    |                                                                                     |                                                                                     |  |  |  |  |
|                                                                                    |                                                                                     |                                                                                     | Noir (Black)                                                                        | Jet (Gray)                                                                          | Vintage (Bronze)                                                                     | Magnesium                                                                             |
|                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                      |  |
|                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                      | White                                                                                 |



Antumbra Display US/ANZ Assembly



Ordering Codes

Application Module Ordering Codes

The Application Module contains the buttons, rim, base and mounting plate. The buttons and rim are available in the range of finishes shown below. The base contains all the sensors and LED indicators. Sensitive components are enclosed by a rubber envelope to give an IP22 rating, allowing installation in high-condensation environments such as bathrooms. A metal mounting plate attaches the Antumbra panel securely to the wall, ensuring stable, reliable operation.

DADPA-SM-X

Button Finish

Lacquer (Polycarbonate)

M = Magnesium

S = Silver

W = White

Luxe (Metallic)

A = Aluminium

G = Gold

J = Jet

N = Noir

P = Prestige

V = Vintage

Rim Finish

A = Aluminium

C = Chrome

M = Magnesium

W = White

Button Labelling

X = Not Available

Communication Module

The Communication Module is compatible with all interfaces across the Antumbra series, and can be ordered, programmed, installed, wired, and tested without the Application Module attached.

This allows the commissioning process to begin before the final finish options have been chosen, or during construction, and protects the Application Module from damage until the site is ready for occupancy.



| Product      |                            | 12NC         |
|--------------|----------------------------|--------------|
| DACM (DyNet) | DyNet communication module | 913703072809 |

| Accessory                |                                                  | 12NC         |
|--------------------------|--------------------------------------------------|--------------|
| D-DACM-DINGUS-RJ12-QTY10 | Dual RJ12 connector with earth wire – pack of 10 | 913703255209 |
| D-DACM-DINGUS-RJ45-QTY10 | Dual RJ45 connector with earth wire – pack of 10 | 913703254809 |