XW-DL

XW range

The Nexmosphere X-Wave range shines a new light on animated lighting. The X-Wave LED technology allows the user to select one of the numerous pre-programmed patterns and modify its colors to fit the exact application, whether it is a gentle soft glow or a complex running flashing light pattern. The X-wave products come in different sizes to suit the needs for different in-practice applications.

The X-Wave DL is an interface for controlling flexible Pixel LED strips with the X-Wave protocol.

Features
• X-Wave interface for Pixel LED strips
• Controls Pixel LED strip from 1 to 120 LEDs
• Compatible with any Nexmosphere Pixel LED strip

X-talk

The X-Wave interface can easily be connected to any of the Nexmosphere Xperience controllers using the X-talk interface. All settings of the X-Wave interface are programmable on the Xperience controller, enabling a seamless integration in your application.
• Plug and smile interface
• Compatible with any Nexmosphere Xperience controller
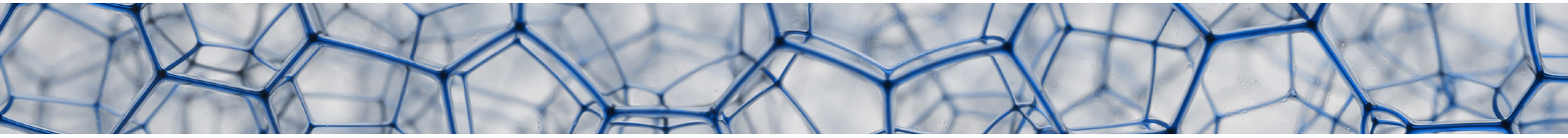• Powered by and programmable with Nexmosphere Xperience controller

Wave LED

The X-Wave LED technology shines a new light on animated lighting and allows user selection of one of the numerous pre-programmed patterns and modifying its colors to fit the exact application. Whether it is a gentle soft glow or a complex flashing running light pattern, this feature will draw attention or offer visual guidance the way you want it to. The onboard LED drivers enable a smooth dimming from 100–0%.
• Preprogrammed patterns with adjustable parameters
• Pattern, speed, color, and brightness control via the connected Xperience controller
• Smooth 12-bit dimming control
• Any desired color programmable with the Xperience controller
• Fade from one color to another

Benefits
• Unique cable connection (bottom feed or side feed) enables invisible cable installation
• Securely mounts on any flat surface, horizontal, vertical or angled
• Suitable for edge lighting of acrylic materials
• Easy way to get multiple color LED lights integrated in your design without the cable connection issues of installing multiple LED strips or RGB LED strips.
• In case the connected Pixel LED strip requires more than 450mA, additional power supply wiring can be added onto the Pixel LED strip*.

XW-DL

Thermal specifications

Operating temperature: +10'C...+40'C/ +50'F ... +104'F
Storage temperature: -20'C...+50'C/ -4'F ... +122'F

Electrical specifications

Operating voltage: 5V DC (via X-talk interface)
Power consumption: 50mA
Max LED output current: 450mA

In case the connected Pixel LED strip requires more than 450mA, additional power supply wiring can be added to the Pixel LED strip*.

*Power supply wiring (product ID CA-LxBM) is assembled onto the Pixel LED strip by Nexmosphere.

Miscellaneous

• Three cable lengths available (60/120/180cm)
• Both horizontal and vertical mounting possible
• 1 year warranty (optional 3 year extended warranty available)
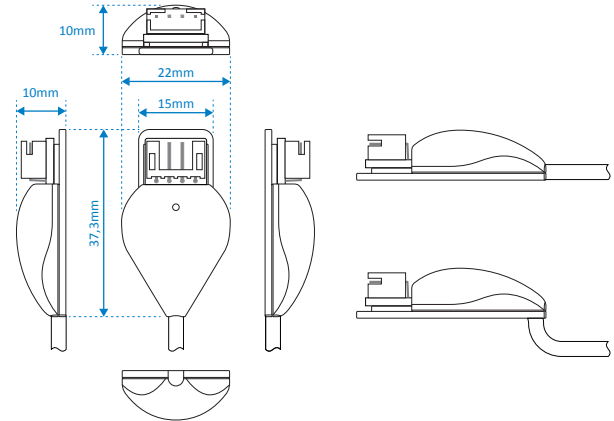
Packaging

Items per carton   1, 10 or 50 pcs

Mechanical dimensions

LxWxH: 37,3 x 22 x 10 mm
Fixation: Double sided adhesive tape

Standards and Certifications

CE   MET c us   UL 60950-1 E114403 CSA 22.2 No. 60950-1   RoHS compliant

Ordering information

Product ID	Description	Quantity
XW-DL4	X-Wave, Linear wave control, 60cm cable	1 pc
XW-DL5	X-Wave, Linear wave control, 120cm cable	1 pc
XW-DL6	X-Wave, Linear wave control, 180cm cable	1 pc