X-WAVE

XW range

The Nexmosphere X-Wave range consists of a variety of animated LED lighting products. They allow incorporating creative lighting effects in your installations that enhance interactivity. Use animated lighting to attract, highlight, contrast, indicate and guide.

X-Wave

The X-Wave is a rigid linear LED board fitted with RGB LEDs. Set any RGB color to match or contrast merchandise or brand style. Settings as dimming speed, light output and sinus repetition can be adjusted to match the required lighting behavior and effect.

Features
• 5 or 9 pattern-controlled color LEDs
• Rigid linear board design

X-talk

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

Benefits
• Ultra flat (4mm) and slim design, easy to integrate into any application
• Suitable for edge lighting of acrylic materials
• Easy way to get multiple color LED lighting integrated into your design without cable/connection issues of multiple LEDs

X-WAVE

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: L5: 250mA
                        L9: 450mA

Miscellaneous

• Custom colors and cable lengths available on request (MOQ 50pcs)
• 1-year warranty (optional 3-year extended warranty available)

Packaging

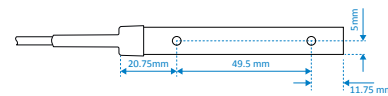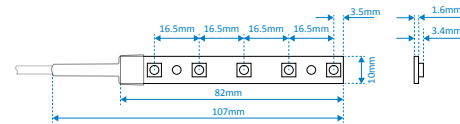Items per carton   1, 10 or 50 pcs

Standards and Certifications

CE

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

RoHS
compliant

Mechanical dimensions

XW-L5:

LxWxH: 107 x 10 x 3.4 mm
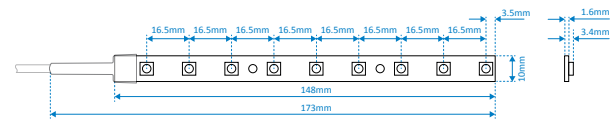Screw fixation: 49.5 mm

XW-L9:

LxWxH: 173 x 10 x 3.4 mm
Screw fixation: 49.5 mm

Ordering information

Product ID	Description	Quantity
XW-L56	X-Wave, 5x wave LED, linear wave, 180cm cable	1 pc
XW-L96	X-Wave, 9x wave LED, linear wave, 180cm cable	1 pc