ENTTEC
SMART PXL LED DOTS

*Designed to withstand the harshest of environments, our individually-addressable **SMART PXL** LED dots are the ultimate flexible light fixture, offering high resolution performance and decorative appeal, either indoors or out.*

Precision engineered and proudly made in Australia

Double-insulated cables

Features insulation around the inner three cores as well as an outer sheath for extra robustness

8-bit or 16-bit dimming

Native 16-bit high-resolution dimming for ultra smooth colour control, or use 8-bit for increased control capacity

Robust electrical connections

Electrical connections are pinned through the PCB as well as soldered for maximum stability

Customisable spacing

Nominal 125mm or 300mm spacing between dots as standard is also customisable to suit your requirements
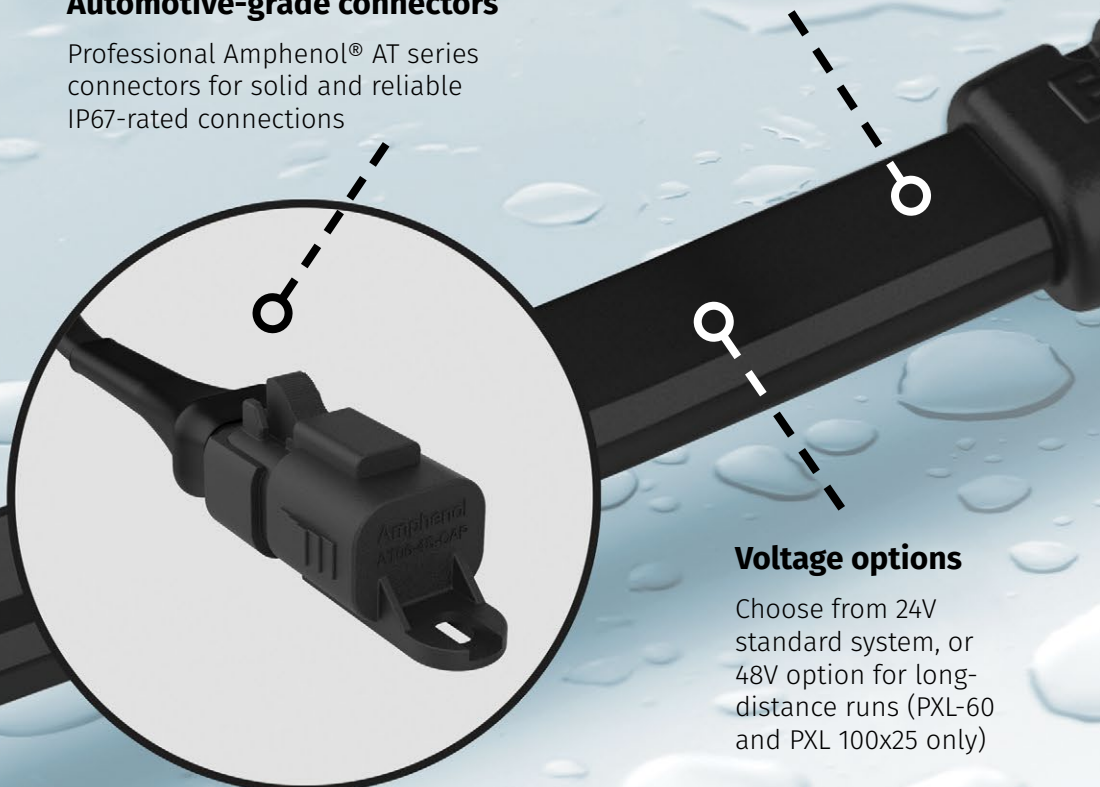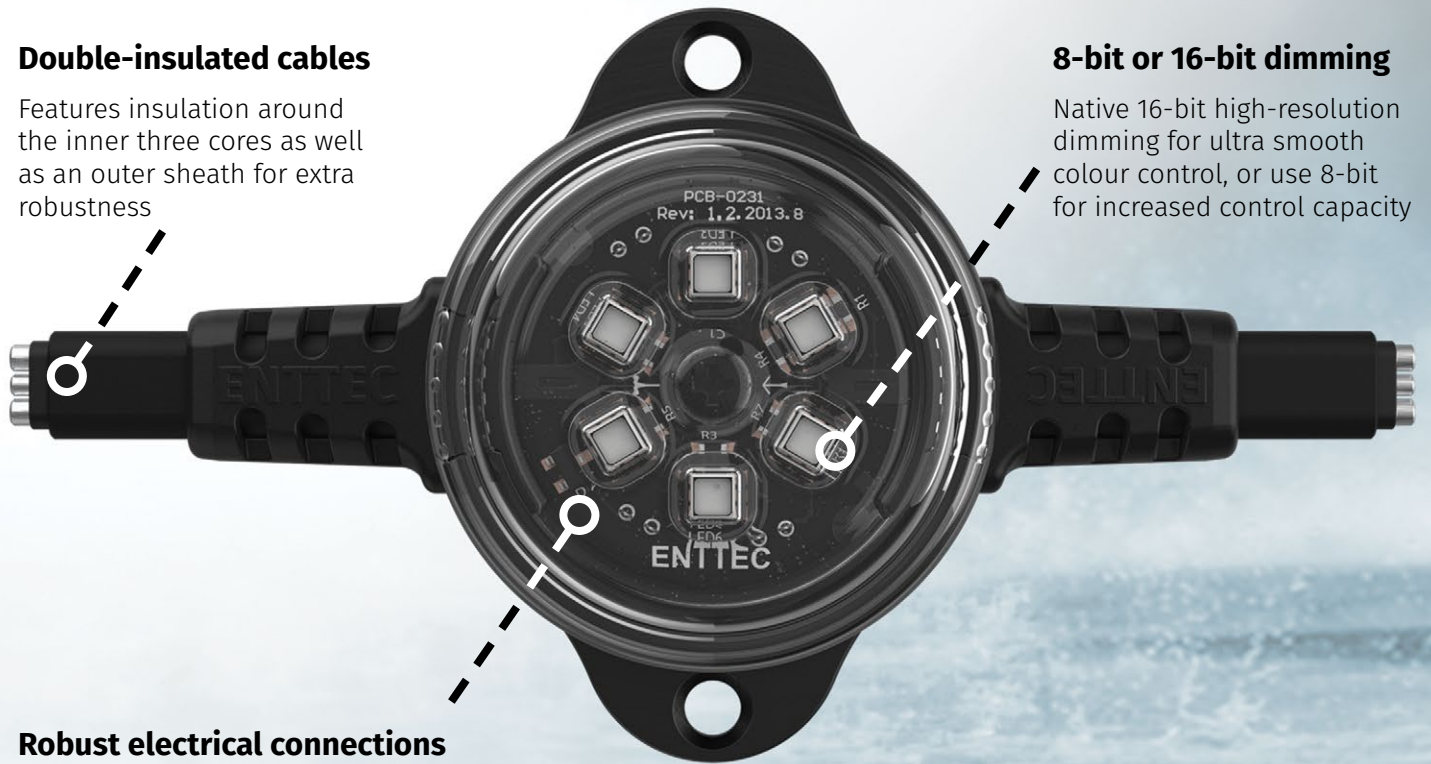
Automotive-grade connectors

Professional Amphenol® AT series connectors for solid and reliable IP67-rated connections

UV-resistant cables

Flexible PVC formulated cabling developed with UV-resistant compounds for outdoor performance

Voltage options

Choose from 24V standard system, or 48V option for long-distance runs (PXL-60 and PXL 100x25 only)

SMART PXL LED DOT series

Optical-grade polymer

Diffusers made from optical-grade polycarbonate for maximum transmissibility and no colour shift

Impact-resistant polycarbonate lens

Polycarbonate diffuser/lens material makes the product resistant to impact (rated IK10)

Tough as nails

UV-resistant, injection-moulded PVC bodies as standard. PXL40s also available machined from marine-grade aluminium for projects that require extra corrosion resistance

Integral mounting wing

Built-in mounting wing removes the need for accessories

SMART PXL-40P dots
- Flexible strings of 41.5mm LED nodes
- RGB LEDs • 24V system
- injection-moulded PVC case

- **For professional applications**
- **Colour-changing LED pixels**
- **Rich hues & ultra-smooth dimming**
- **Custom lengths made to order**

SMART PXL 100x25 dots
- Flexible strings of 100mm x 25mm nodes
- RGB or RGBW LEDs • 24V or 48V system
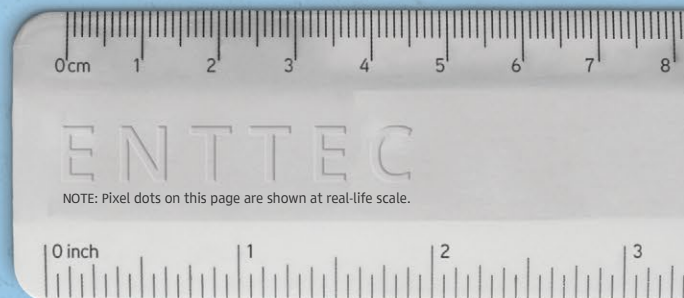- injection-moulded PVC case

SMART PXL-60 dots
- Flexible strings of 55.5mm LED nodes
- RGB or RGBW LEDs • 24V or 48V system
- injection-moulded PVC case

SMART PXL40 METAL dots
- Flexible strings of 41.5mm LED nodes
- RGB LEDs • 24V system
- Marine-grade anodised aluminium case

Talk to one of our friendly project consultants today and learn how integrating ENTTEC SMART PXL dots can take your setup to a whole new level.

NOTE: Pixel dots on this page are shown at real-life scale.