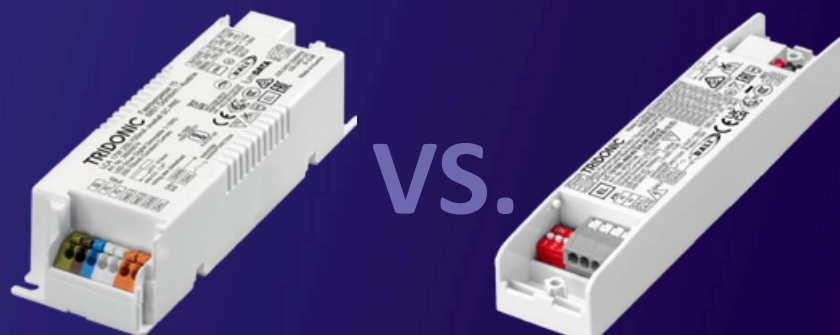


# PRE / EXC4 Gen4 DALI Driver vs. SNC4 Gen4 DALI Driver

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Making the  
right choice  
for your digital  
lighting strategy.



## Key differences at a glance

| Feature                    | PRE/EXC4DALI driver                       | SNC4 DALI driver                     |
|----------------------------|-------------------------------------------|--------------------------------------|
| Data capabilities          | ✓ Full lumDATA (DALI parts 251, 252, 253) | Limited lumDATA (DALI part 251 only) |
| Lifetime analytics         | ✓ Yes (lifetime indicator enabled)        | No                                   |
| Efficiency                 | ✓ Up to 88%                               | Up to 83.5%                          |
| Cradle-to-cradle certified | ✓ Yes                                     | No                                   |
| Programming interface      | ✓ DALI/NFC (on EXC4)                      | DALI/Dip-switch                      |
| Standby power              | ✓ <0.15W                                  | <0.5W                                |
| Energy data                | ✓ Yes (part 252)                          | No                                   |
| Diagnostics data           | ✓ Yes (part 253)                          | No                                   |

## Why Premium (PRE) and Excite (EXC4) Gen4 DALI Drivers are the Smarter Choice

### Full Data Capability with lumDATA

The PRE and EXC4 Gen4 DALI drivers include DALI parts 251, 252, and 253, providing you with luminaire, energy, and diagnostic data. This enables advanced monitoring, predictive maintenance, and more efficient energy use — crucial for smart building system integration.

### Lifetime Analytics

The Lifetime Indicator in the PRE and EXC4 Gen4 DALI drivers helps you track the health of your driver and luminaires. They empower facility managers to replace assets based on actual performance and remaining lifetime, reducing unnecessary replacements and aligning with sustainability goals.

### Sustainability and Cradle-to-Cradle Certification

With Cradle-to-Cradle certification, the PRE and EXC4 Gen4 driver range ensures that your project contributes to sustainability goals. These drivers are part of a circular economy strategy, making them a top choice for eco-conscious designs.

### Energy and Efficiency Gains

Premium and EXC Gen4 drivers achieve up to 88% efficiency, helping reduce overall energy consumption and costs. The SNC4 driver offers lower efficiency and lacks the same advanced control over energy usage, making it less suitable for long-term energy-saving strategies.

## Considerations for SNC4 DALI Users

### Limited Data Support

While the SNC4 driver provides basic luminaire information (DALI Part 251), it lacks the support for energy and diagnostics data (Parts 252 and 253), leaving you without the insights needed to fully optimise energy use and maintenance schedules.

### Incompatible with Digital Strategies

If you're looking to implement a digital lighting strategy that integrates into smart buildings, requires data-driven decision-making, or an in-built power supply, the SNC4 driver will not meet your needs. Without support for lumDATA beyond Part 251, it offers no meaningful insights into energy consumption or system diagnostics.

## Conclusion

For clients focused on sustainability, energy efficiency, and future-proofing their lighting systems, the Premium and EXC4 Gen4 DALI drivers are the superior choice. While the SNC4 DALI driver may offer basic functionality, it lacks the data, analytics, in-built power supply, and sustainability features required for a connected, intelligent lighting strategy.

**For more information or a detailed consultation, please contact your account manager:**

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