



DALI POINT CV NEO

Outdoor DALI To 10 Amps 1 Channel LED Driver

Coolon DALI Point CV NEO is the world's most reliable DALI to PWM outdoor driver for architectural applications. Intelligent dimming solution for a wide range of LED luminaires and applications. Designed for maximum performance in a robust and easy to mount enclosure.

Use DALI Point CV NEO to interface between a remote standard DALI source and up to 10Amps constant voltage LED fittings. The luminaires, external power supply and data connectors have carefully been designed for quick and easy installation process, removing the guesswork and chances of issues during installation and after project completion.



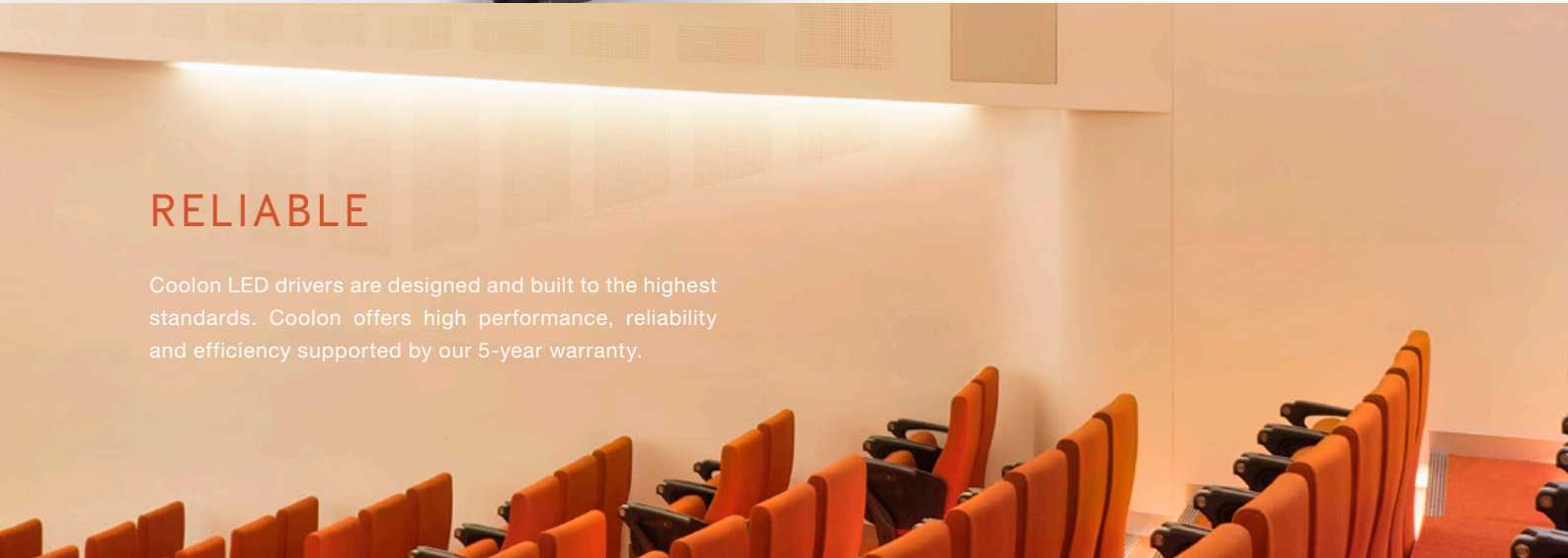


DURABLE

DALI Point CV NEO driver is designed to suit outdoor DALI controlled LED installations. Robust housing design, suitable for inclement weather.

RELIABLE

Coolon LED drivers are designed and built to the highest standards. Coolon offers high performance, reliability and efficiency supported by our 5-year warranty.



SIMPLE

Quick connectors for both DMX/RDM data and output to luminaires reduce installation time and potential points of failure.

Installation is efficient with fewer hard-wired terminations and is convenient even in tricky locations due to the quick connectors that require no tools.

CONVENIENT

It will turn a wide variety of outdoor LED luminaires into a remote dimmable fitting via DALI input and PWM output. Easy to mount and highly capable, DALI Point CV NEO drives up to a 10 Amp load.



TECHNICAL SPECIFICATIONS

Product Code	DRV-DALIPOINT CV NEO
Description	Outdoor DALI 10 To Amps 1 Channel LED Driver
Device Type	Standard DALI input, open drain constant voltage output (suitable for constant voltage LED Lights without dedicated brightness control line)
Control Protocol	DALI Standard Compliant
Solid State Output	MOSFET, Open drain configuration
PWM Frequency	1.33 KHz
Dimming Range	1 – 100%
Load / Supply Voltage	24 – 48VDC
Power Consumption	0.25W (no load)
Max Load Current	10A
Enclosure	Polycarbonate with polyurethane encapsulation
Working Temperature	-10 to +50°C
IP Rating	IP65

APPLICATIONS

DALI Point IP can be used to remotely control a variety of Coolon LED luminaires, yet is also suitable for most constant voltage LED products. Most popular applications are:

Architectural Outdoor Lighting	Commercial Outdoor Lighting	Façades
Street and Outdoor Lighting	Tough Environments	

FEATURES



Fully protected against dust.
Protected against water jets from all directions.

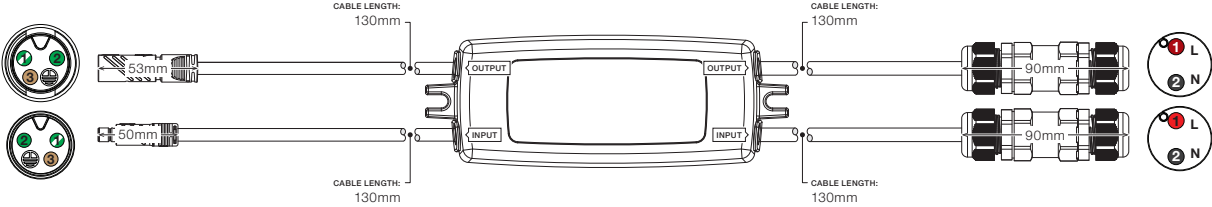
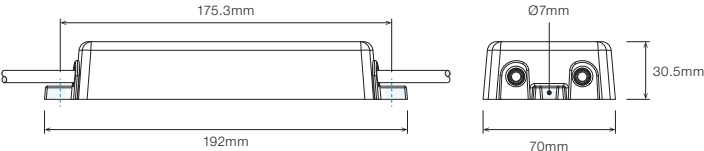


Coolon Controllers are covered by a solid comprehensible 5 year manufacturer's warranty.



Our products are designed and manufactured in Australia to ensure the highest standards.

▪ DIMENSIONS



OC3MF • Connector 3 pin Male + Female

- 1 D +
- 2 D -
- 3 NC (No Connection)

Output

OJ2 • Outdoor Joiner 2 Pin

- 1 +24 – 48V (PWM)
- 2 0V

Input

OJ2 • Outdoor Joiner 2 Pin

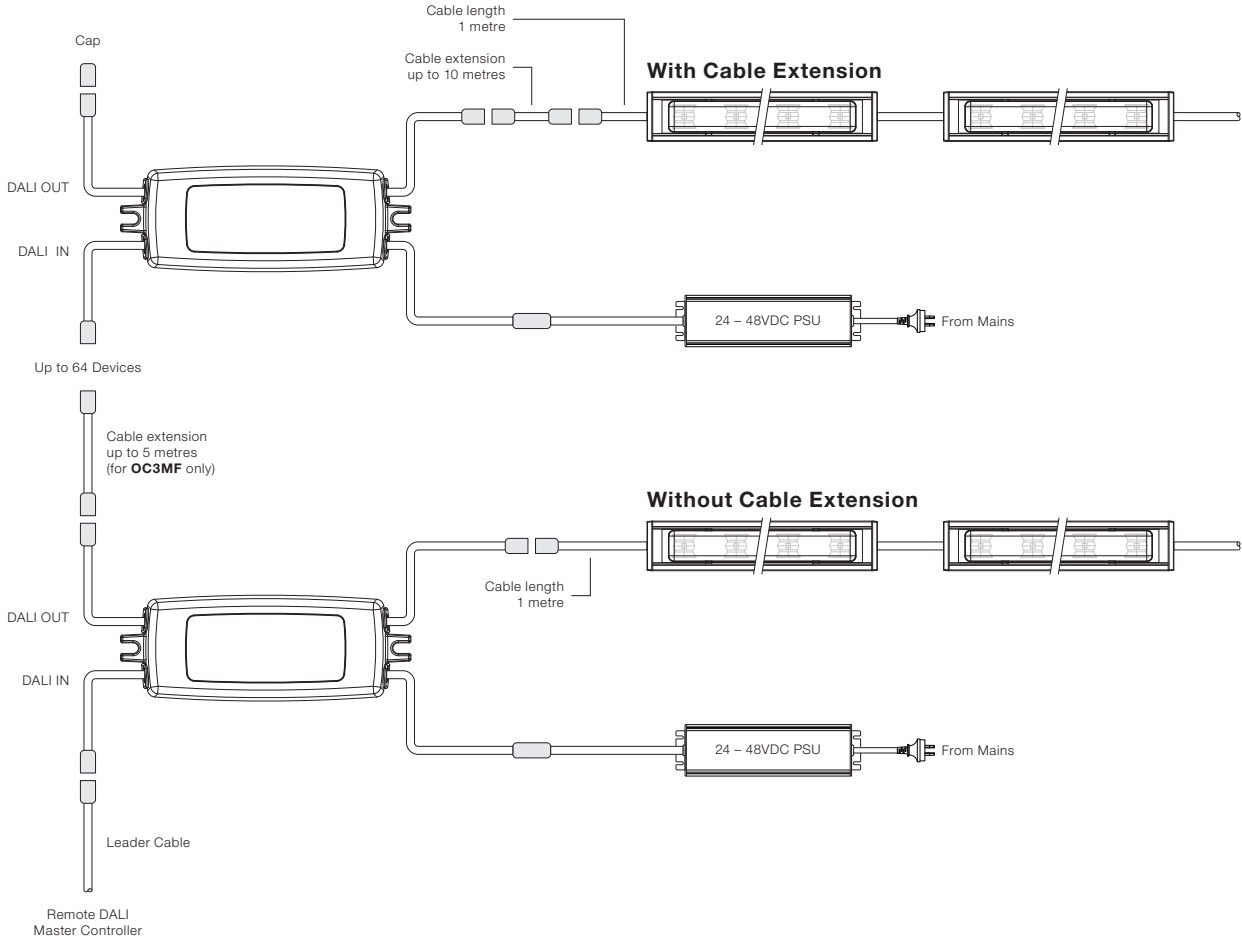
- 1 +24 – 48V
- 2 0V

▪ COMPATIBILITY

Suitable to use with the following Coolon Products:

Alto	Aris UG	Electro
Forma	Interra	Max Mini UG
Multo	Multo CC	Slim

■ WIRING DIAGRAM



■ ORDERING EXAMPLE

CTR - DALIPOINT CV NEO - OC3MF - OJ2 - IP65



■ DATA WIRING CONFIGURATION

OC3MF Connector 3 pin Male + Female

■ OUTPUT WIRING CONFIGURATION

OJ2 Outdoor Joiner 2 Pin

■ ACCESSORIES

CABLE EXTENSION



CBLEXT-PRJ-WR3-IP65-3M	3m Length, 3 Core Cable Extension with Outdoor Joiner, IP68 when mated
CBLEXT-PRJ-WR3-IP65-5M	5m Length, 3 Core Cable Extension with Outdoor Joiner, IP68 when mated
CBLEXT-PRJ-WR3-IP65-10M	10m Length, 3 Core Cable Extension with Outdoor Joiner, IP68 when mated
CBLEXT-DATA-OC3MF-IP68-5M	5m Length, 3 Core Cable Male to Female Extension with HS-Lock Quick Connectors and Twisted Pair for DATA Lines, IP68 when mated
CBLEXT-DATA-OC3FO-IP68-0.25M	0.25m Length, 3 Core Cable Female Only Leader with HS-Lock Quick Connectors and Twisted Pair for DATA Lines, IP68 when mated