

eldoLED LINEARdrive 180D

eldoLED LINEARdrive 180D DMX/RDM Constant Voltage LED Driver User Manual

Model: LINEARdrive 180D | Brand: eldoLED

1. INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your eldoLED LINEARdrive 180D DMX/RDM Constant Voltage LED Driver. Please read this manual thoroughly before using the product and retain it for future reference.



Figure 1: eldoLED LINEARdrive 180D DMX/RDM LED Driver. This image displays the top view of the eldoLED LINEARdrive 180D, an intelligent LED driver/controller. Visible markings include 'eldoLED LINEARdrive', 'Intelligent LED Driver/Controller', 'IEC61347', 'EN55015 IEC61003 EN1547', 'VDC in: SELV equivalent', 'η: 99% typ', 'Ta: -20°C to +50°C', and 'Tc: +65°C'. The device features a clear plastic casing, a digital display, and three control buttons.

2. SAFETY INFORMATION

Always observe the following safety precautions to prevent injury or damage to the product:

- Installation must be performed by a qualified electrician in accordance with all local and national electrical codes.
- Disconnect power before installation, maintenance, or any service.
- Do not operate the device outside its specified voltage and current ratings.
- Ensure proper grounding to prevent electrical shock.
- Do not expose the device to moisture or extreme temperatures beyond its operating range.
- This device is designed for indoor use unless otherwise specified.

3. PRODUCT OVERVIEW

The eldoLED LINEARdrive 180D is a high-performance, constant voltage LED driver designed for sophisticated lighting applications. It features DMX/RDM control capabilities and provides four independent LED outputs, making it suitable for dynamic and tunable lighting systems.

Key Features:

- **Constant Voltage Output:** Delivers stable voltage for consistent LED performance.
- **180W Power Output:** Capable of driving significant LED loads.
- **DMX/RDM Control:** Enables advanced digital control and monitoring of lighting fixtures.
- **4 Control Channels:** Provides flexibility for multi-channel LED applications.
- **Plastic Casing:** Durable and lightweight construction.

4. SETUP AND INSTALLATION

4.1. Unpacking

Carefully remove the LINEARdrive 180D from its packaging. Inspect the device for any signs of damage. If damage is found, do not proceed with installation and contact your supplier.

4.2. Mounting

Mount the driver in a location that allows for adequate ventilation and is free from excessive heat, dust, and moisture. Ensure the mounting surface is stable and can support the weight of the driver.

4.3. Wiring Connections

All wiring should be performed with the main power supply disconnected. Refer to the wiring diagram provided with the product for specific connection details. General connections include:

- **AC Input:** Connect the main power supply to the designated AC input terminals. Ensure correct polarity (Live, Neutral, Ground).
- **DC Output:** Connect your constant voltage LED fixtures to the four DC output channels. Observe correct polarity (+ and -) for each channel.
- **DMX/RDM Input/Output:** Connect DMX control lines (Data+, Data-, Ground) to the DMX terminals for digital control. Ensure proper termination of the DMX line.

5. OPERATING INSTRUCTIONS

5.1. Power On

After all connections are securely made and verified, restore power to the device. The integrated display will illuminate, indicating the device is operational.

5.2. DMX/RDM Control

The LINEARdrive 180D is controlled via DMX512 and RDM protocols. Use a compatible DMX controller to send commands to the driver. RDM allows for remote monitoring and configuration of the device, such as

setting DMX addresses and reading status information.

- **DMX Addressing:** Set the DMX start address using the onboard controls or via RDM. Each of the four output channels will typically occupy consecutive DMX addresses.
- **Channel Control:** Send DMX values (0-255) to the assigned addresses to control the intensity or other parameters of the connected LED fixtures.

5.3. Onboard Configuration

The device features a small display and control buttons for basic configuration, such as setting the DMX address or selecting pre-programmed modes. Refer to the detailed programming guide for specific menu navigation and parameter adjustments.

6. MAINTENANCE

The eldoLED LINEARdrive 180D is designed for reliable operation with minimal maintenance. Follow these guidelines:

- **Cleaning:** Periodically clean the exterior of the device with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Inspection:** Regularly inspect wiring connections for tightness and signs of wear or damage.
- **Ventilation:** Ensure that ventilation openings are not obstructed to prevent overheating.

For any internal servicing, contact qualified personnel only.

7. TROUBLESHOOTING

If you encounter issues with your LINEARdrive 180D, consult the following table:

Problem	Possible Cause	Solution
No power to device	Loose power connection, tripped breaker, faulty power supply	Check power connections, reset breaker, verify power supply voltage.
LEDs not illuminating	Incorrect wiring, faulty LEDs, DMX signal issue, incorrect DMX address	Verify LED wiring polarity, test LEDs, check DMX signal and address settings.
Intermittent operation	Loose connections, overheating, DMX signal interference	Secure all connections, ensure adequate ventilation, check DMX cabling and termination.
DMX control not responding	Incorrect DMX address, DMX cable fault, DMX controller issue	Verify DMX address, check DMX cable continuity, test with a different DMX controller.

If the problem persists after attempting these solutions, contact eldoLED technical support.

8. TECHNICAL SPECIFICATIONS

Feature	Specification
Model	LINEARdrive 180D

Feature	Specification
Control Channels	4
Control Protocol	DMX/RDM
Output Type	Constant Voltage (4xLED outputs)
Power Output	180W
Material	Plastic
Light Source Type	Light Emitting Diode (for connected fixtures)
Operating Temperature (Ta)	-20°C to +50°C
Case Temperature (Tc)	+65°C (maximum)
Efficiency (η)	99% typical
Compliance	IEC61347, EN55015, IEC61003, EN61547, SELV equivalent
UPC	715706905589

9. WARRANTY AND SUPPORT

9.1. Warranty Information

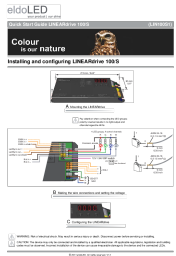
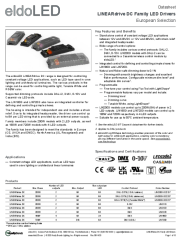
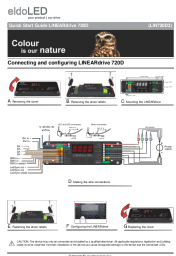

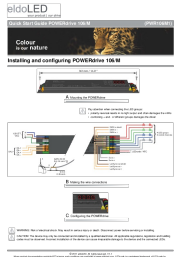
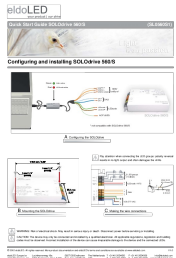
The eldoLED LINEARdrive 180D is covered by a manufacturer's warranty. Please refer to the warranty documentation provided with your purchase or visit the official eldoLED website for detailed terms and conditions. Keep your proof of purchase for warranty claims.

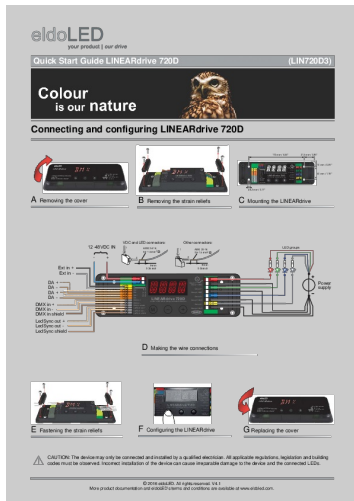
9.2. Technical Support

For technical assistance, troubleshooting beyond this manual, or service inquiries, please contact eldoLED customer support through their official website or the contact information provided with your product documentation.

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Related Documents - LINEARdrive 180D

	<p>eldoLED LINEARdrive 100/S Quick Start Guide</p> <p>A quick start guide for installing and configuring the eldoLED LINEARdrive 100/S, covering manual configuration, other features, and safety precautions.</p>
	<p>eldoLED LINEARdrive DC Family LED Drivers - European Selection Datasheet</p> <p>Discover the eldoLED LINEARdrive DC Family LED Drivers, designed for constant voltage LED applications in cove lighting and architectural luminaires. This datasheet details models supporting DALI-2, DMX, 0-10V, and Casambi, offering flicker-safe dimming, programmable features, and compliance with global standards for high-quality lighting control.</p>
	<p>Quick Start Guide for eldoLED LINEARdrive 720D</p> <p>This guide provides instructions for connecting and configuring the eldoLED LINEARdrive 720D, a smart LED driver and controller. It covers manual configuration, LED group settings, standalone and networked operation modes, and factory reset procedures.</p>
	<p>eldoLED DUALdrive 560/L Datasheet: 50W DALI-2 LED Driver</p> <p>Detailed datasheet for the eldoLED DUALdrive 560/L, a 50W DALI-2, LEDcode compatible LED driver with 'Dim to Dark' functionality and support for Tunable White applications.</p>
	<p>eldoLED POWERdrive 106/M (PWR106M1) Quick Start Guide: Installation and Configuration</p> <p>A concise guide to installing and configuring the eldoLED POWERdrive 106/M LED driver (PWR106M1), covering wiring, setup, and operational modes for optimal performance.</p>
	<p>Quick Start Guide SOLOdrive 560/S</p> <p>A concise guide to configuring and installing the eldoLED SOLOdrive 560/S, including wiring diagrams and mounting instructions.</p>



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[pdf] Diagram

Application note Astronomical clock for automated light output control V1 fm fabienne AN Astro Clock LIN180D LINEARdrive 180D Tension Constante EldoLED Soliled 6 soliled 2020 06 |||

Application note Astronomical clock eldoLED drivers to which this application note applies include ... 0 1/4 Application note Astronomical clock Below, some sample setup menus are depicted. For the LINEARdrive 180D, for example, pressing the M button once will get you to the EXT INP menu item, for...

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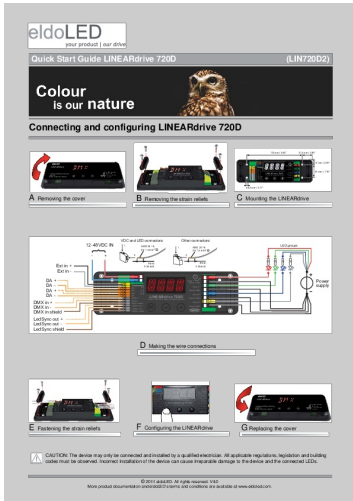


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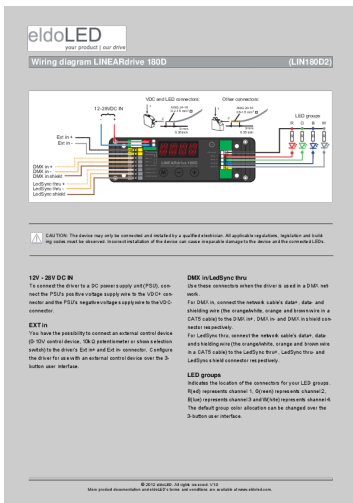
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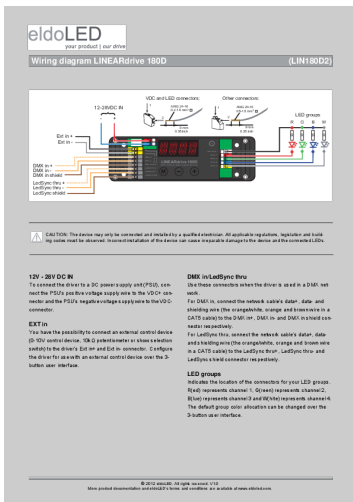
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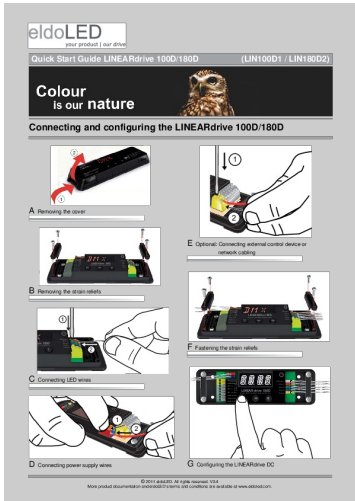
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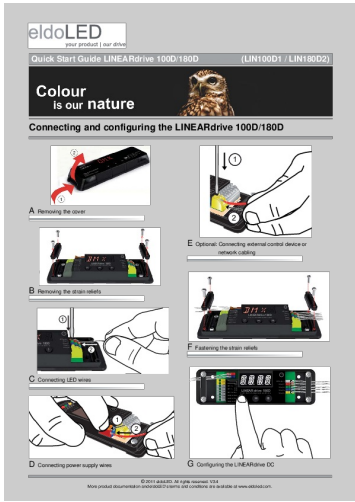
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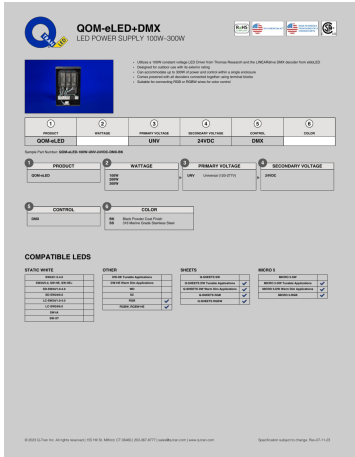
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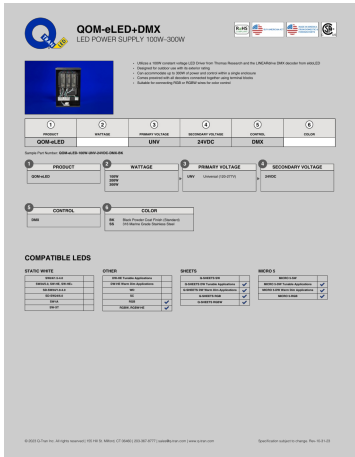
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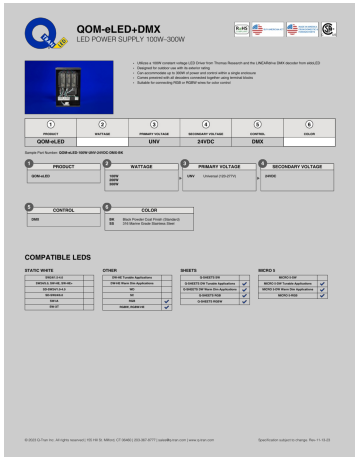
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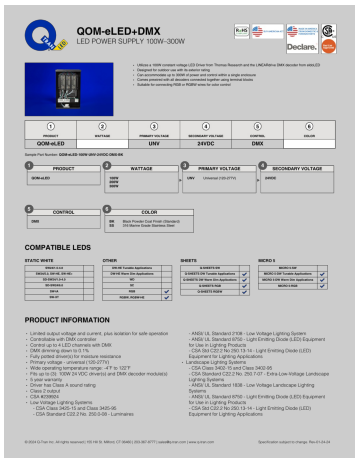
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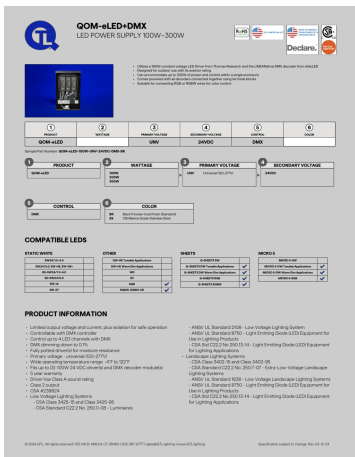
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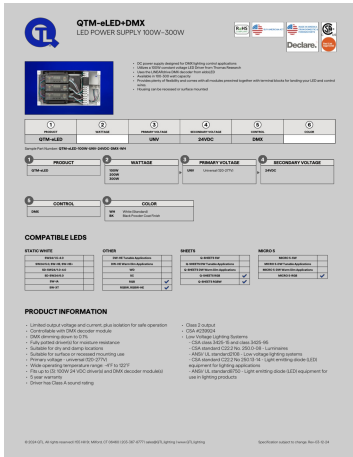
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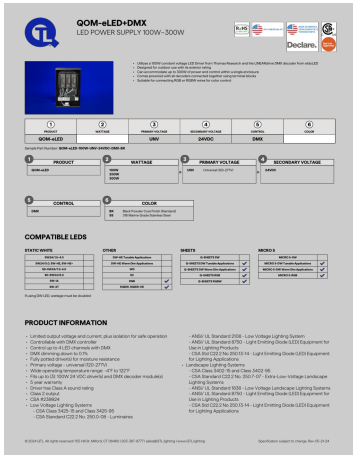


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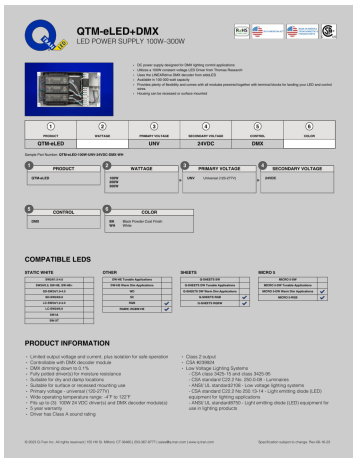


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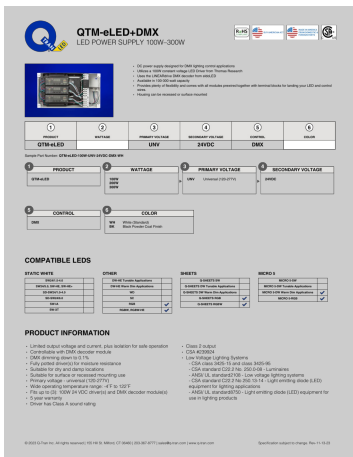


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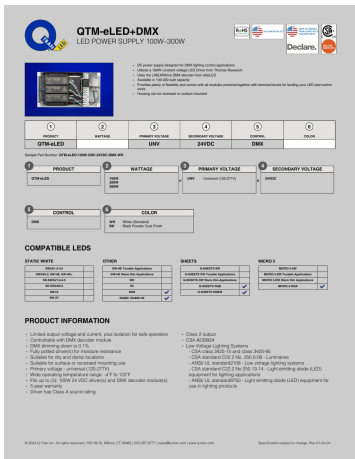
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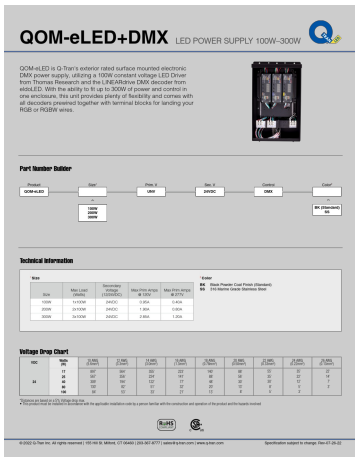
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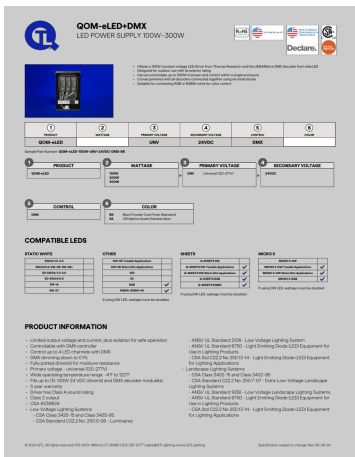
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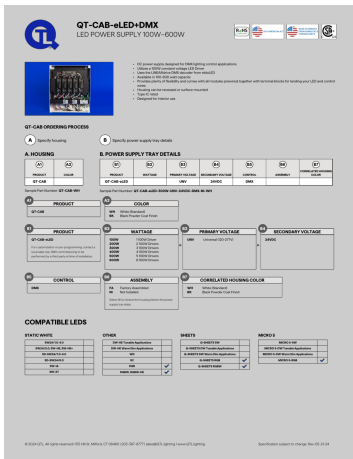
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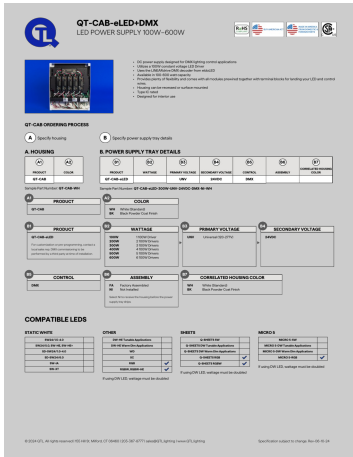
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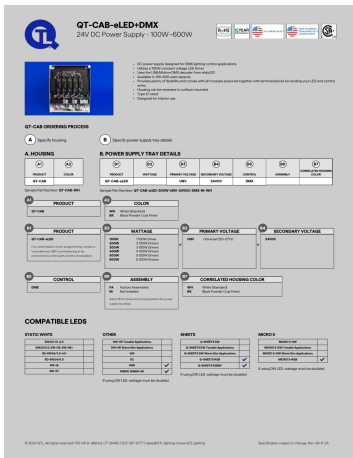
QT-CAB-eLED DMX LED POWER SUPPLY 100W600W DC power supply designed for DMX lighting control applica ... LED 120-277V LED DRIVER NEU HOT GND INPUT LOAD M - M - M - M - M - F M - A B C D E LINEARdrive 180D 12-28V / 6A Direct voltage controlled LED driver LINEARdrive 180D 12-28V / 6A Dire... lang:en score:33 filesize: 4.15 M page_count: 11 document date: 0000-00-00



[pdf] Specifications Guide

QT CAB eLED DMX Master Ordering Guide Set Technical Downloads IES Files CAD files Specs QTL formerly Q Tran qt cab eleddmx master ordering guide set 459 d 610202433524 qtl lighting Customer Content www.products |||

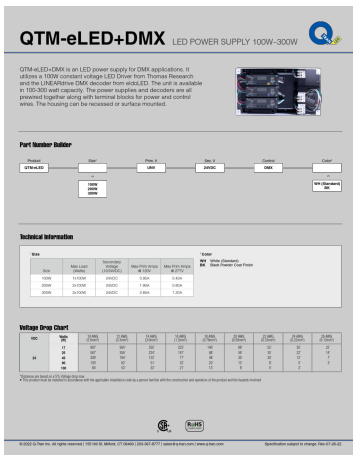
QT-CAB-eLED DMX LED POWER SUPPLY 100W600W DC power supply designed for DMX lighting control applica ... LED 120-277V LED DRIVER NEU HOT GND INPUT LOAD M - M - M - M - M - F M - A B C D E LINEARdrive 180D 12-28V / 6A Direct voltage controlled LED driver LINEARdrive 180D 12-28V / 6A Dire... lang:en score:33 filesize: 4.15 M page_count: 11 document date: 0000-00-00



[pdf] Specifications Guide

QT CAB eLED DMX Master Ordering Guide Set Technical Downloads IES Files CAD files Specs QTL formerly Q Tran qt cab eleddmx master ordering guide set 459 d 912202421439 qtl lighting Customer Content www.products |||

QT-CAB-eLED DMX 24V DC Power Supply - 100W600W DC power supply designed for DMX lighting control ap ... LED 120-277V LED DRIVER NEU HOT GND INPUT LOAD M - M - M - M - M - F M - A B C D E LINEARdrive 180D 12-28V / 6A Direct voltage controlled LED driver LINEARdrive 180D 12-28V / 6A Dire... lang:en score:33 filesize: 3.15 M page_count: 11 document date: 0000-00-00



[pdf] Guide

qtm eleddmx master ordering guide set d 1282021105410 q tran Customer Content www.products Files |||

QTM-eLED DMX LED POWER SUPPLY 100W300W QTM-eLED DMX is an LED power supply for DMX applications. It ... h Max Vdc 32V Vdc- DMX in DMX in DMX in shield LedSync thru LedSync thru LedSync shield LINEARdrive 180D 12-28V / 6A Direct voltage controlled LED driver M TC LED supply Group 1 Group 2... lang:en score:33 filesize: 2.23 M page_count: 11 document date: 0000-00-00

QOM-eLED+DMX
LED POWER SUPPLY 100W-300W

QOM eLED+DMX LED Power Supply 100W-300W is a high-quality, reliable power source for LED lighting applications. It is designed to provide a constant voltage output, ensuring optimal performance and longevity of your LED fixtures. The unit is compact, easy to install, and features a robust, industrial-grade housing. It is compatible with a wide range of LED lighting products, making it a versatile choice for both residential and commercial applications. The power supply is designed to operate at a constant voltage of 24VDC, providing a stable and consistent power output. It is also designed to be energy-efficient, reducing power consumption and heat generation. The unit is available in three power ratings: 100W, 200W, and 300W, allowing you to choose the right unit for your specific application. The power supply is also designed to be easy to install and maintain, with a simple plug-and-play design. It is a reliable and high-quality power source for your LED lighting needs.

1. PRODUCT: QOM-eLED+DMX
2. PARTS: LED POWER SUPPLY 100W-300W
3. PRIMARY VOLTAGE: 100V-277V
4. SECONDARY VOLTAGE: 24VDC
5. DIM: 100W-300W

1. CONTROL: DIM
2. COLOR: White

COMPATIBLE LEDS

LED TYPE	POWER	TEMPERATURE	WARRANTY	NOTES
LED Type 1	100W	100W	100W	100W
LED Type 2	200W	200W	200W	200W
LED Type 3	300W	300W	300W	300W

PRODUCT INFORMATION

- QOM eLED+DMX LED Power Supply 100W-300W is a high-quality, reliable power source for LED lighting applications.
- It is designed to provide a constant voltage output, ensuring optimal performance and longevity of your LED fixtures.
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[pdf] Specifications Guide

QOM eLED DMX Master Ordering Guide Set Technical Downloads IES Files CAD files Specs QTL
formerly Q Tran qom eleddmx master ordering guide set 44 d 3192024113529 qtl lighting Customer
Content www products LED Power Supply 100 300W at 24VDC |||

QOM-eLED DMX LED POWER SUPPLY 100W300W Utilizes a 100W constant
voltage LED Driver from Thomas Resea ... u LedSync shield GND HOT NEU GND
HOT NEU iQ-LED NEU HOT GND LED DRIVER 120 - 277V GND HOT NEU
LINEARdrive 180D 12-28V / 6A Direct voltage controlled LED driver LINEARdrive
180D 12-28V / 6A Dire...

lang:en score:33 filesize: 5.51 M page_count: 11 document date: 0000-00-00

QTM-eLED+DMX
LED POWER SUPPLY 100W-300W

QTM eLED+DMX LED Power Supply 100W-300W is a high-quality, reliable power source for LED lighting applications. It is designed to provide a constant voltage output, ensuring optimal performance and longevity of your LED fixtures. The unit is compact, easy to install, and features a robust, industrial-grade housing. It is compatible with a wide range of LED lighting products, making it a versatile choice for both residential and commercial applications. The power supply is designed to operate at a constant voltage of 24VDC, providing a stable and consistent power output. It is also designed to be energy-efficient, reducing power consumption and heat generation. The unit is available in three power ratings: 100W, 200W, and 300W, allowing you to choose the right unit for your specific application. The power supply is also designed to be easy to install and maintain, with a simple plug-and-play design. It is a reliable and high-quality power source for your LED lighting needs.

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2. PARTS: LED POWER SUPPLY 100W-300W
3. PRIMARY VOLTAGE: 100V-277V
4. SECONDARY VOLTAGE: 24VDC
5. DIM: 100W-300W

1. CONTROL: DIM
2. COLOR: White

COMPATIBLE LEDS

LED TYPE	POWER	TEMPERATURE	WARRANTY	NOTES
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LED Type 3	300W	300W	300W	300W

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[pdf] Specifications Guide

QTM eLED DMX Master Ordering Guide Set Technical Downloads IES Files CAD files Specs QTL
formerly Q Tran qtm eleddmx master ordering guide set 27 d 521202440413 qtl lighting Customer
Content www products LED Power Supply 100 300W at 24VDC |||

QTM-eLED DMX LED POWER SUPPLY 100W300W DC power supply designed for
DMX lighting control application ... u LedSync shield GND HOT NEU GND HOT NEU
iQ-LED NEU HOT GND LED DRIVER 120 - 277V GND HOT NEU LINEARdrive 180D
12-28V / 6A Direct voltage controlled LED driver LINEARdrive 180D 12-28V / 6A
Dire...

lang:en score:33 filesize: 4.46 M page_count: 11 document date: 0000-00-00

QTM-eLED+DMX
LED POWER SUPPLY 100W-300W

QTM eLED+DMX LED Power Supply 100W-300W is a high-quality, reliable power source for LED lighting applications. It is designed to provide a constant voltage output, ensuring optimal performance and longevity of your LED fixtures. The unit is compact, easy to install, and features a robust, industrial-grade housing. It is compatible with a wide range of LED lighting products, making it a versatile choice for both residential and commercial applications. The power supply is designed to operate at a constant voltage of 24VDC, providing a stable and consistent power output. It is also designed to be energy-efficient, reducing power consumption and heat generation. The unit is available in three power ratings: 100W, 200W, and 300W, allowing you to choose the right unit for your specific application. The power supply is also designed to be easy to install and maintain, with a simple plug-and-play design. It is a reliable and high-quality power source for your LED lighting needs.

1. PRODUCT: QTM-eLED+DMX
2. PARTS: LED POWER SUPPLY 100W-300W
3. PRIMARY VOLTAGE: 100V-277V
4. SECONDARY VOLTAGE: 24VDC
5. DIM: 100W-300W

1. CONTROL: DIM
2. COLOR: White

COMPATIBLE LEDS

LED TYPE	POWER	TEMPERATURE	WARRANTY	NOTES
LED Type 1	100W	100W	100W	100W
LED Type 2	200W	200W	200W	200W
LED Type 3	300W	300W	300W	300W

PRODUCT INFORMATION

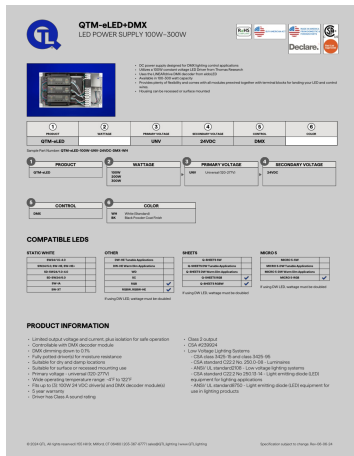
- QTM eLED+DMX LED Power Supply 100W-300W is a high-quality, reliable power source for LED lighting applications.
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[pdf] Guide

qtm eleddmx master ordering guide set 27 q tran Customer Content www products Files |||

QTM-eLED DMX LED POWER SUPPLY 100W300W DC power supply designed for
DMX lighting control application ... 120 - 277V GND HOT NEU DMX in DMX in DMX
in shield LedSync thru LedSync thru LedSync shield LINEARdrive 180D 12-28V / 6A
Direct voltage controlled LED driver LINEARdrive 180D 12-28V / 6A Dire...

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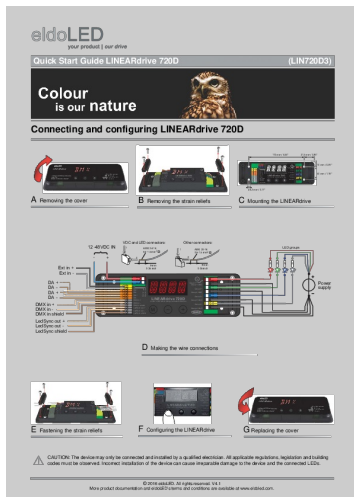


[pdf] Guide

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QTM-eLED DMX LED POWER SUPPLY 100W300W DC power supply designed for DMX lighting control application ... u LedSync shield GND HOT NEU GND HOT NEU iQ-LED NEU HOT GND LED DRIVER 120 - 277V GND HOT NEU LINEARdrive 180D 12-28V / 6A Direct voltage controlled LED driver LINEARdrive 180D 12-28V / 6A Dire...

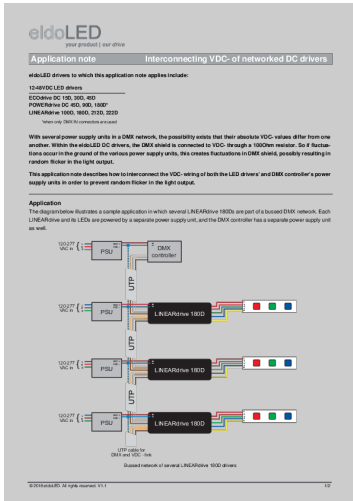
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[pdf] Quick Start Guide Guide

untitled Connecting and configuring LINEARdrive 720D Quick Start Guide LIN720D3 A Removing the cover B strain reliefs C Mounting Intelligent LED Driver Controller IEC61347 EN55015 IEC61003 EN61547 M 130 VDC in SELV equivalent 99% typ Ta 20°C to 50°C Tc 65°C Ext 0900766b815debf1 docs rs online 45d2

Quick Start Guide LINEARdrive 720D LIN720D3 Connecting and configuring LINEARdrive 720D LINEARd ... 5C A Removing the cover DMX in DMX in DMX in shield LedSync thru LedSync thru LedSync shield LINEARdrive 180D 12-28V / 6A Direct voltage controlled LED driver TC LED supply Group 1 Group 2 G... lang:en score:33 filesize: 733.11 K page_count: 2 document date: 2016-07-05

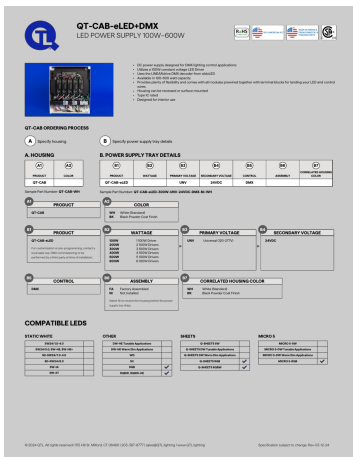


[pdf] Diagram

untitled AN Advanced Wiring DC Drivers V1 1 POWERdrive 45D EldoLED Soliled wiring drivers soliled 2020 06 |||

Application note Interconnecting VDC- of networked DC drivers eldoLED drivers to which this applic ... the light output. Application The diagram below illustrates a sample application in which several LINEARdrive 180Ds are part of a bussed DMX network. Each LINEARdrive and its LEDs are powered by a s...

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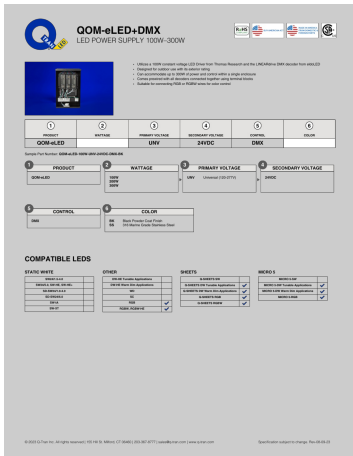


[pdf] Specifications Guide

QT CAB eLED DMX Master Ordering Guide Set 100W 600W LED Power Supply QTL Formerly Q Tran qt cab eledmx master ordering guide set 459 d 315202414437 qtl lighting Customer Content www products Files Technical Downloads IES CAD files Specs formerly |||

QT-CAB-eLED DMX LED POWER SUPPLY 100W600W DC power supply designed for DMX lighting control applica ... LED 120-277V LED DRIVER NEU HOT GND INPUT LOAD M - M - M - M - M - F M - A B C D E LINEARdrive 180D 12-28V / 6A Direct voltage controlled LED driver LINEARdrive 180D 12-28V / 6A Dire...

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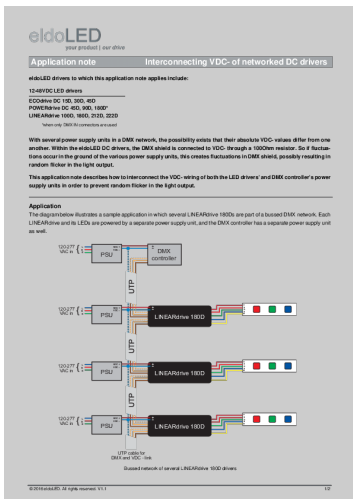


[pdf] Guide

qom eledmx master ordering guide set 44 d 109202330933 q tran Customer Content www products Files |||

QOM-eLED DMX LED POWER SUPPLY 100W300W Utilizes a 100W constant voltage LED Driver from Thomas Resea ... 120 - 277V GND HOT NEU DMX in DMX in DMX in shield LedSync thru LedSync thru LedSync shield LINEARdrive 180D 12-28V / 6A Direct voltage controlled LED driver LINEARdrive 180D 12-28V / 6A Dire...

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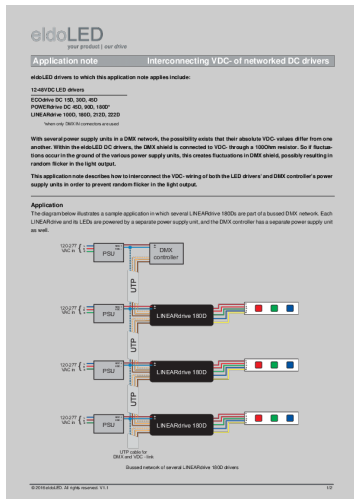


[pdf] Diagram

untitled AN Advanced Wiring DC Drivers V1 1 LINEARdrive 212D EldoLED Soliled wiring drivers 4 soliled 2020 06 |||

Application note Interconnecting VDC- of networked DC drivers eldoLED drivers to which this applic ... the light output. Application The diagram below illustrates a sample application in which several LINEARdrive 180Ds are part of a bussed DMX network. Each LINEARdrive and its LEDs are powered by a s...

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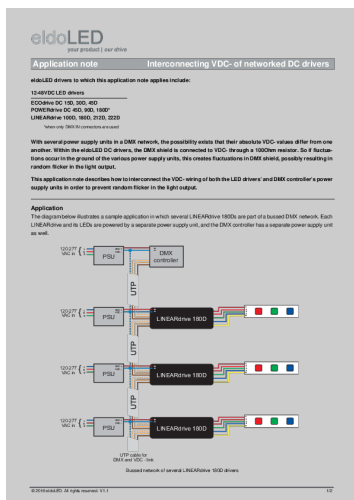


[pdf] Diagram

untitled eldoLED drivers to which this application note applies include 12 48VDC LED ECOdrive DC 15D 30D 45D POWERdrive 90D 180D* LINEARdrive 100D 180D 212D 222D *when AN Advanced wiring V1 1 3 soliled 2020 06 |||

Application note Interconnecting VDC- of networked DC drivers eldoLED drivers to which this applic ... the light output. Application The diagram below illustrates a sample application in which several LINEARdrive 180Ds are part of a bussed DMX network. Each LINEARdrive and its LEDs are powered by a s...

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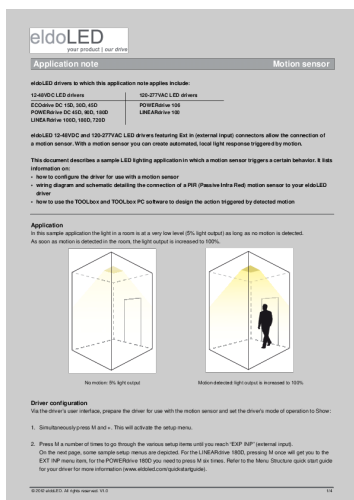


[pdf] Diagram

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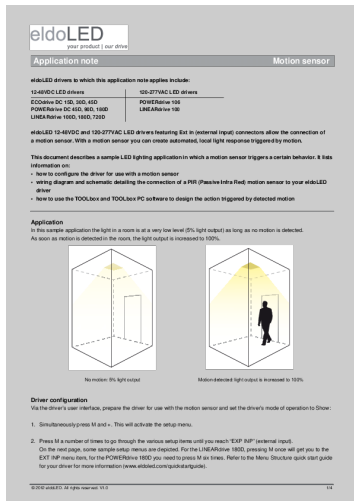


[pdf] Diagram

Application note Panasonic motion sensor V1 fm fabienne AN Motion Sensor POWERdrive 45D EldoLED Soliled soliled 2020 06 |||

Application note Motion sensor eldoLED drivers to which this application note applies include: 12 ... u reach EXP INP external input . On the next page, some sample setup menus are depicted. For the LINEARdrive 180D, pressing M once will get you to the EXT INP menu item, for the POWERdrive 180D you...

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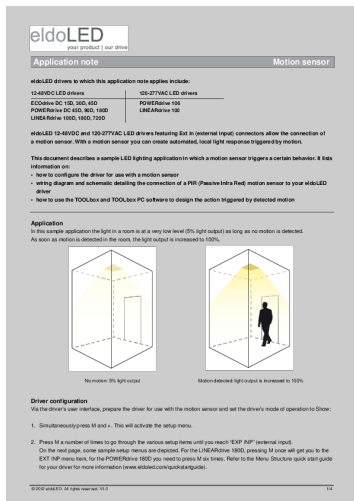


[pdf] Diagram

Application note Panasonic motion sensor V1 fm fabienne AN Motion Sensor POWERdrive 90D EldoLED Soliled 2 soliled 2020 06 |||

Application note Motion sensor eldoLED drivers to which this application note applies include: 12 ... u reach EXP INP external input . On the next page, some sample setup menus are depicted. For the LINEARdrive 180D, pressing M once will get you to the EXT INP menu item, for the POWERdrive 180D you...

lang:en score:31 filesize: 193.91 K page_count: 4 document date: 2020-07-01

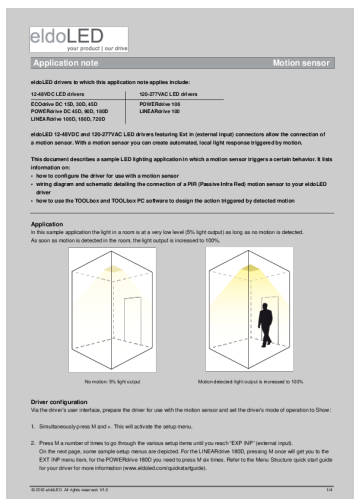


[pdf] Diagram

Application note Panasonic motion sensor V1 fm fabienne AN Motion Sensor POWERdrive 106 S EldoLED Soliled 4 soliled 2020 06 |||

Application note Motion sensor eldoLED drivers to which this application note applies include: 12 ... u reach EXP INP external input . On the next page, some sample setup menus are depicted. For the LINEARdrive 180D, pressing M once will get you to the EXT INP menu item, for the POWERdrive 180D you...

lang:en score:31 filesize: 193.91 K page_count: 4 document date: 2020-07-01

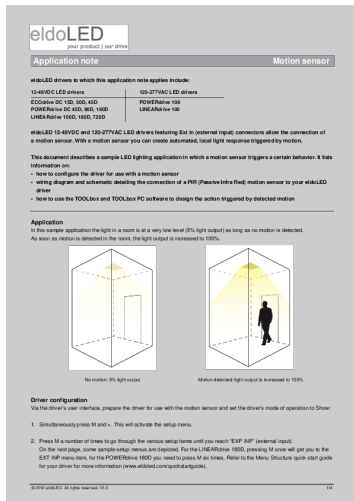


[pdf] Diagram

Application note Panasonic motion sensor V1 fm fabienne Note Motion Sensor LINEARdrive 100 M EldoLED Soliled soliled 2020 06 |||

Application note Motion sensor eldoLED drivers to which this application note applies include: 12 ... u reach EXP INP external input . On the next page, some sample setup menus are depicted. For the LINEARdrive 180D, pressing M once will get you to the EXT INP menu item, for the POWERdrive 180D you...

lang:en score:31 filesize: 193.91 K page_count: 4 document date: 2020-07-01



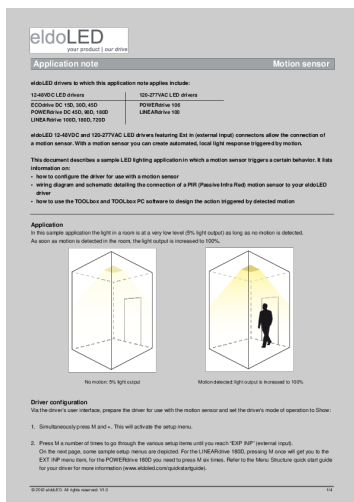
[pdf] Diagram

Application note Panasonic motion sensor V1 fm fabienne AN Motion Sensor POWERdrive 106 M

EldoLED Soliled 3 soliled 2020 06 |||

Application note Motion sensor eldoLED drivers to which this application note applies include: 12 ... u reach EXP INP external input . On the next page, some sample setup menus are depicted. For the LINEARdrive 180D, pressing M once will get you to the EXT INP menu item, for the POWERdrive 180D you...

lang:en score:31 filesize: 193.91 K page_count: 4 document date: 2020-07-01



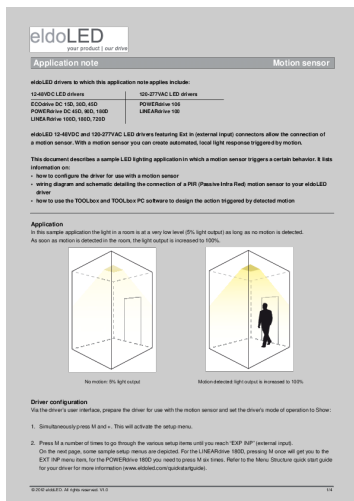
[pdf] Diagram

Application note Panasonic motion sensor V1 fm fabienne Note Motion Sensor LINEARdrive 100 S

EldoLED Soliled 1 soliled 2020 04 |||

Application note Motion sensor eldoLED drivers to which this application note applies include: 12 ... u reach EXP INP external input . On the next page, some sample setup menus are depicted. For the LINEARdrive 180D, pressing M once will get you to the EXT INP menu item, for the POWERdrive 180D you...

lang:en score:31 filesize: 193.91 K page_count: 4 document date: 2020-07-01

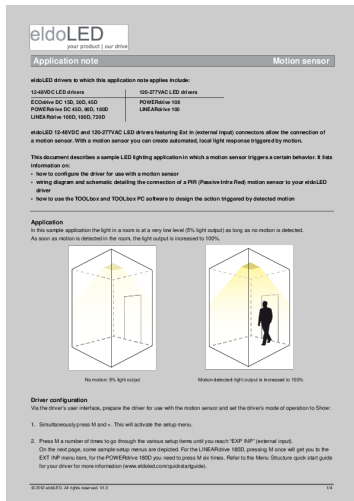


[pdf] Diagram

Application note Panasonic motion sensor V1 fm fabienne AN Motion Sensor LIN720D LINEARdrive 720D Tension Constante EldoLED Soliled 7 soliled 2020 06 |||

Application note Motion sensor eldoLED drivers to which this application note applies include: 12 ... u reach EXP INP external input . On the next page, some sample setup menus are depicted. For the LINEARdrive 180D, pressing M once will get you to the EXT INP menu item, for the POWERdrive 180D you...

lang:en score:31 filesize: 193.91 K page_count: 4 document date: 2020-07-01



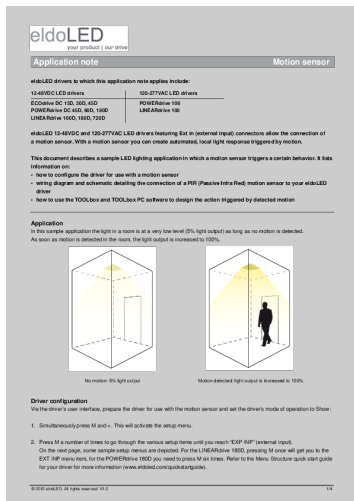
[pdf] Diagram

Application note Panasonic motion sensor V1 fm fabienne © 2012 eldoLED All rights reserved 0 1 4

Motion AN 5 soliled 2020 06 |||

Application note Motion sensor eldoLED drivers to which this application note applies include: 12 ... u reach EXP INP external input . On the next page, some sample setup menus are depicted. For the LINEARdrive 180D, pressing M once will get you to the EXT INP menu item, for the POWERdrive 180D you...

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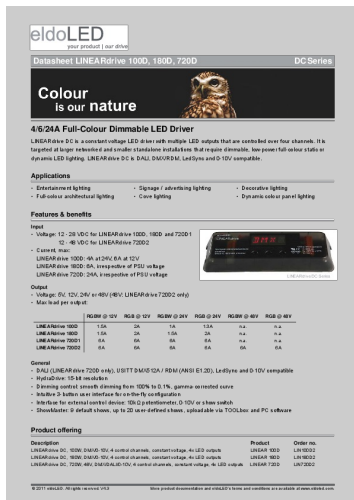
[pdf] Datasheet Diagram

Application note Panasonic motion sensor V1 fm fabienne © 2012 eldoLED All rights reserved 0 1 4

Motion LINEARdrive 720D AN ledclusive de led driver datasheets |||

Application note Motion sensor eldoLED drivers to which this application note applies include: 12 ... u reach EXP INP external input . On the next page, some sample setup menus are depicted. For the LINEARdrive 180D, pressing M once will get you to the EXT INP menu item, for the POWERdrive 180D you...

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eldoLED

your product / our drive

Application note

Astronomical clock

eldoLED drivers to which this application note applies include:

COBwhite LED drivers	100-077VAC LED drivers
ECOwhite SC 140, 160, 400	POWERflexure 180
POWERdrive SC 450, 460, 1480	LINEARdrive 180
LINEARdrive 180D, 180S, 730D	


eldoLED 12-48VDC and 100-077VAC LED drivers featuring "Ext" or "external input" connections allow the connection of an astronomical clock. You can include an astronomical clock as an integral part of your application to create automated light responses triggered by preset times or sunrise/sunset for maximum energy and operational efficiency.


This application note lists information on:

- how to configure the driver for use with an astronomical clock
- wiring diagrams enabling the connection of an astronomical clock to your eldoLED driver
- how to use the TOOLbox and TOOLbox PC software to design a light output profile

Application: astronomical clock functioning as switch input

Outdoor signage displays illuminated by LEDs can be controlled via an astronomical clock that triggers the change in light output levels. For instance, you may want signage displays to have a very low-level light output (5%) during daytime hours, switch to full on during night time. The trigger for the LED driver is: change between low and high level light output is given by the astronomical clock.





Daytime hours: 5% light output

Nighttime hours: 100% light output

Driver configuration

Use the driver's 3-button user interface, prepare the driver for the connection with the astronomical clock as switch input, and set the driver's "operator mode" to "Onset".

1. Simultaneously press M and +. This will activate the setup menu.

2. Press M a number of times to go through the various setup items until you reach "EXT INP" (external input).

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12

[\[pdf\]](#) Diagram

Application note Astronomical clock for automated light output control V1 fm fabienne AN Astro Clock
POWERdrive 45D EldoLED Soliled soliled 2020 06 |||

Application note Astronomical clock eldoLED drivers to which this application note applies include ... 0 1/4 Application note Astronomical clock Below, some sample setup menus are depicted. For the LINEARdrive 180D, for example, pressing the M button once will get you to the EXT INP menu item, for...

lang:en score:30 filesize: 219.38 K page_count: 4 document date: 2020-07-01

eldoLED

your product / our drive

Application note

Astronomical clock

eldoLED drivers to which this application note applies include:

12-48VDC LED drivers	100-077VAC LED drivers
ECOwhite SC 140, 160, 400	POWERflexure 180
POWERdrive SC 450, 460, 1480	LINEARdrive 180
LINEARdrive 180D, 180S, 730D	


eldoLED 12-48VDC and 100-077VAC LED drivers featuring "Ext" or "external input" connections allow the connection of an astronomical clock. You can include an astronomical clock as an integral part of your application to create automated light responses triggered by preset times or sunrise/sunset for maximum energy and operational efficiency.

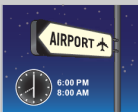
This application note lists information on:

- how to configure the driver for use with an astronomical clock
- wiring diagrams enabling the connection of an astronomical clock to your eldoLED driver
- how to use the TOOLbox and TOOLbox PC software to design a light output profile

Application: astronomical clock functioning as switch input

Outdoor signage displays illuminated by LEDs can be controlled via an astronomical clock that triggers the change in light output levels. For instance, you may want signage displays to have a very low-level light output (5%) during daytime hours, switch to full on during night time. The trigger for the LED driver is: change between low and high level light output is given by the astronomical clock.





Daytime hours: 5% light output

Nighttime hours: 100% light output

Driver configuration

Use the driver's 3-button user interface, prepare the driver for the connection with the astronomical clock as switch input, and set the driver's "operator mode" to "Onset".

1. Simultaneously press M and +. This will activate the setup menu.

2. Press M a number of times to go through the various setup items until you reach "EXT INP" (external input).

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[\[pdf\]](#) Diagram

Application note Astronomical clock for automated light output control V1 fm fabienne AN Astro Clock
POWERdrive 90D EldoLED Soliled 2 soliled 2020 06 |||

Application note Astronomical clock eldoLED drivers to which this application note applies include ... 0 1/4 Application note Astronomical clock Below, some sample setup menus are depicted. For the LINEARdrive 180D, for example, pressing the M button once will get you to the EXT INP menu item, for...

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