

Project Name:	Type:
Product Code:	Date:

## VANILLA 96W24VDC DALI DRIVER



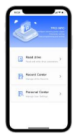
### 96W24VDC DALI Driver

The Vanilla 96W24VDC DALI Driver is a constant voltage driver that has been optimized for DALI control applications. Along with the optimized mode it features short circuit, over load, and over temperature protections. There is single channel brightness control, NFC functions to set addresses and slightly adjust output voltage. It has a full aluminum housing that allows the driver to be suitable for dry, damp & wet locations.

DALI DT6

## PERFORMANCE

	<b>DALI DIMMING LED DRIVER</b>
	<b>96W</b>
<b>VOLTAGE:</b>	100-277VAC
<b>DIMMING RANGE:</b>	0.1-100% (FLICKER FREE)
<b>OUTPUT:</b>	CONSTANT VOLTAGE
<b>CLASS:</b>	CLASS 2   CLASS P
<b>DIMMING MODE:</b>	DALI ProNFC APP, NFC Handheld Devices
<b>MIN LOAD:</b>	20% MIN LOAD
<b>CONTROL:</b>	DALI DT6
<b>STANDARD:</b>	UL8750, CLASS 2
<b>WORKING TEMP:</b>	-40~+122°F (-40~+50°C)



ProNFC APP



NFC Handheld devices



iOS Download



Android Download

#### Adjust output voltage slightly by NFC:

The output voltage can be read and written by a mobile with ProNFC APP or NFC handheld device (NFC read & write device: NFC-RW) by close to the NFC signal area of the Dimmable LED driver.

NFC voltage regulation level										
	level 1	level 2	level 3	level 4	level 5	level 6	level 7	level 8	level 9	level 10
24V	24.0V	24.2V	24.4V	24.7V	24.9V	25.1V	25.3V	25.6V	25.8V	26.0V

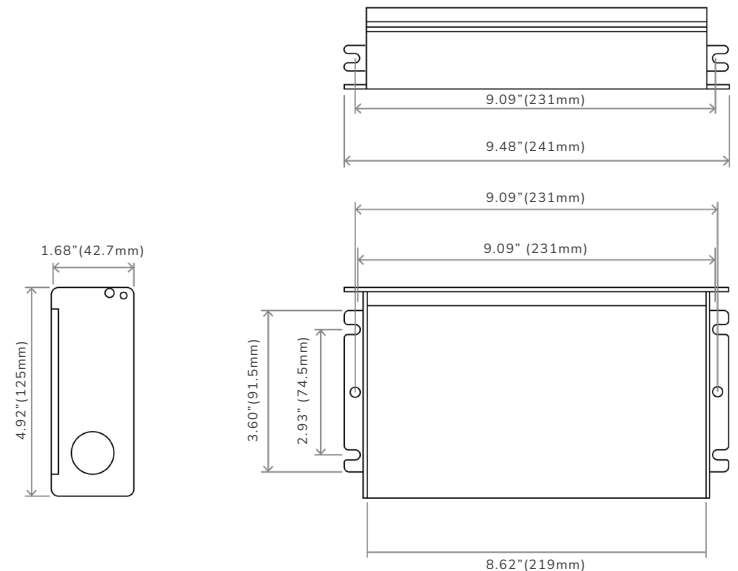
## ORDER INFORMATION

### Order Code

MAKE	MODEL
VAN	DVR 96W24 DALI

## KEY DIMENSIONS

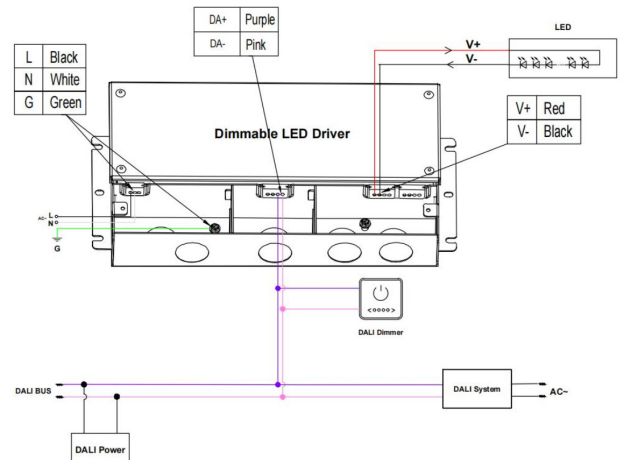
Length: 9.49" (241mm) Width: 4.92" (125mm) Height: 1.68" (42.7mm)



The Driver is recommended to be mounted in at least 2" of free flow air space to allow for proper ventilation.

## WIRING DIAGRAM - max 70FT - NO HOT START

TERMINAL WIRING GAUGE MAX SIZE AWG#12



## TECHNICAL SPECIFICATIONS

### 96W24VDC DALI

CERTIFICATION:	UL / FCC / ICES-005 / CLASS P / CLASS 2 / TYPE HL / SELV / ROHS / REACH		
DC VOLTAGE:	24V		
FINE TUNE VOLTAGE:	24-26V		
VOLTAGE TOLERANCE:	±2%		
VOLTAGE REGULATION:	<0.5%		
RATED CURRENT:	4A		
RATED POWER:	96W		
LOAD REGULATION:	±1%		
VOLTAGE RANGE:	100-277VAC		
FREQUENCY RANGE:	50 / 60 Hz		
POWER FACTOR (Typ.)@ full:	0.95		
THD(Typ.)@ FULL LOAD:	<10%@120VAC   <15%@277VAC		
EFFICIENCY(Typ.)@ FULL LOAD:	>87.5%@120VAC   >88.5%@277VAC		
AC CURRENT (Max.):	1.25A		
STANDBY POWER:	<0.5W		
INRUSH CURRENT (Typ.):	41.7A,54.2us@50%lpeak 120VAC   96.3A,125us@50%lpeak 277VAC		
LEAKAGE CURRENT:	<0.5mA		
SHORT CIRCUIT:	Shut down o/p voltage, recovers automatically after fault condition is removed		
OVER LOAD:	105%~110% Hiccup mode, recovers automatically after fault condition is removed		
OVER TEMPERATURE:	When the ambient temperature exceeds 50°C±5°C, the output is turned off		
WORKING TEMP.:	-40~+50°C		
WORKING HUMIDITY:	20-95%RH NON-CONDENSING		
TEMP.COEFFICIENT:	±0.03%/°C(0-50°C)		
SAFETY STANDARDS:	UL8750, CAN/CSA-C22.2 NO.250.13 (US)		
WITHSTAND VOLTAGE:	I/P-O/P: 1.88KVAC	I/P-F/G:1.88KVAC	O/P-F/G:0.5KVAC (US)
ISOLATION RESISTANCE:	I/P-O/P: 100M Ω / 500VDC / 25°C / 70%RH		
EMC EMISSION:	FCC Part15 Subpart B; ICES-005 Issue 5; ANSI C63.4a-2017		