

Project Name:	Type:
Product Code:	Date:

## VANILLA 2CH96W24VDC DALI DRIVER



### 2CH96W24VDC DALI Driver

The Vanilla 2CH96W24VDC DALI Driver is a constant voltage driver that has been optimized for DALI CCT Tunable White applications. Along with the optimized mode it features short circuit, over load, and over temperature protections. It has a full aluminum housing that allows the driver to be suitable for dry, damp & wet locations.

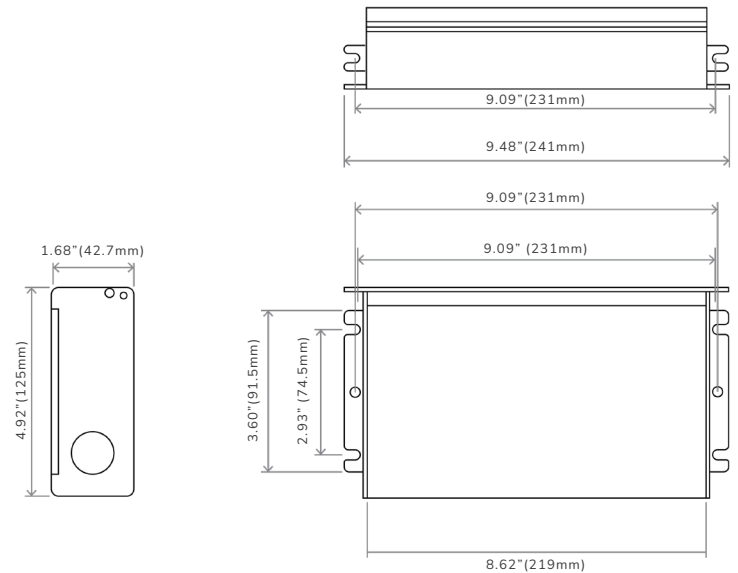
DALI DT8

## PERFORMANCE

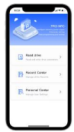
	<b>DALI DIMMING LED DRIVER</b>
	<b>96W</b>
<b>VOLTAGE:</b>	100-277VAC
<b>DIMMING RANGE:</b>	0.2-100% (FLICKER FREE)
<b>OUTPUT:</b>	CONSTANT VOLTAGE
<b>CLASS:</b>	CLASS 2   CLASS P
<b>DIMMING MODE:</b>	DALI ProNFC APP, NFC Handheld Devices
<b>ENCLOSURE:</b>	BUILT IN ENCLOSURE
<b>CONTROL:</b>	DALI DT8
<b>STANDARD:</b>	UL8750, CLASS 2
<b>WORKING TEMP:</b>	-40~+122°F (-40~+50°C)

## 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.



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

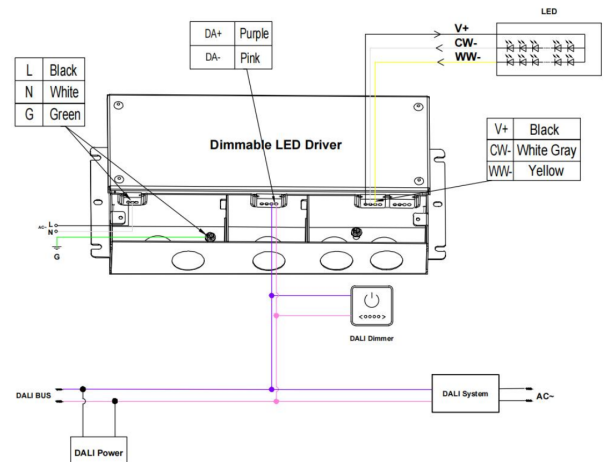
## ORDER INFORMATION

### Order Code

MAKE	MODEL
VAN	DVR 2CH96W24 DALI

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

TERMINAL WIRING GAUGE MAX SIZE AWG#12



## TECHNICAL SPECIFICATIONS

### 2CH96W24VDC DALI

CERTIFICATION:	UL / FCC / CLASS P / TYPE HL / DALI-2		
DC VOLTAGE:	24V		
FINE TUNE VOLTAGE:	17-26V		
VOLTAGE TOLERANCE:	±2%		
VOLTAGE REGULATION:	<0.5%		
RATED CURRENT:	4A		
RATED POWER:	96W		
LOAD REGULATION:	±1%		
VOLTAGE RANGE:	120-277VAC		
FREQUENCY RANGE:	47-63 Hz		
POWER FACTOR (Typ.)@ full:	0.99@120VAC   0.95@277VAC		
THD(Typ.)@ FULL LOAD:	<10%@120VAC   <15%@277VAC		
EFFICIENCY(Typ.)@ FULL LOAD:	>87.5%@120VAC   >88.5%@277VAC		
AC CURRENT (Max.):	<1A@120VAC   <0.43A@277VAC		
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:	>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~+40°C		
WORKING HUMIDITY:	20-90%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: ANSI C63.4a-2017, ICES-005 Issue 5(US)		