

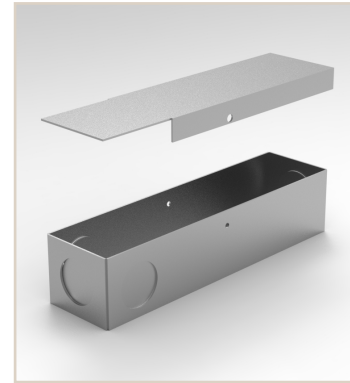
Project Name:	Type:
Product Code:	Date:

## VANILLA DALI-2 10W CC DRIVER



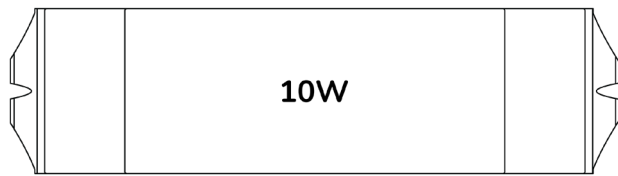
### DALI-2 10W CC DRIVER

The Vanilla DALI-2 10W CC Driver is a constant current driver that supports DALI-2 control. The driver has a dimming range of 1-100%. Along with this the driver has short circuit and over temperature protection. The drivers come with the C-05 enclosure.



## PERFORMANCE

	DALI-2 LED DRIVER
	<b>10W</b>
<b>VOLTAGE:</b>	100-277VAC
<b>DIMMING RANGE:</b>	1-100% (FLICKER FREE)
<b>OUTPUT:</b>	CONSTANT CURRENT
<b>CLASS:</b>	CLASS 2 / CLASS P
<b>CURRENT TOLERANCE:</b>	±5%
<b>ENCLOSURE:</b>	C-05 (INCLUDED)
<b>DIMMING:</b>	DALI-2
<b>STANDARD:</b>	UL8750, CLASS 2
<b>WORKING TEMP:</b>	-40~+140°F (-40~+60°C)
<b>RATING:</b>	IP20



W : 1.18" (30mm) H : 0.79" (20mm) L : 5.3" (135mm)

## ORDER INFORMATION

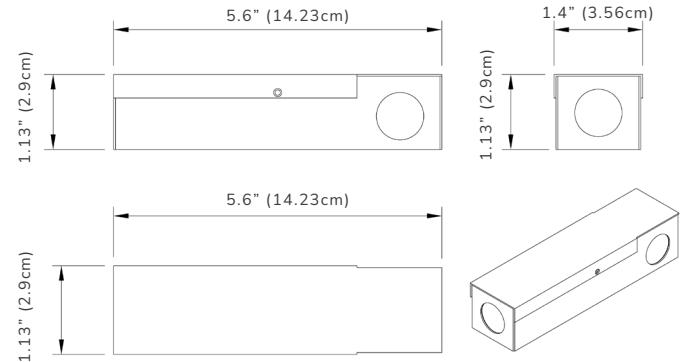
### Order Code

MAKE	MODEL
VAN	DVR 10W CC-DALI

## KEY DIMENSIONS

### 10W CC DALI-2 | C-05

Length: 5.6" (14.23cm) Width: 1.4" (3.56cm) Height: 1.13" (2.93cm)

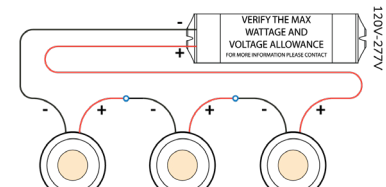


The Driver is recommended to be mounted in at least 2" of free flow air space to allow for proper ventilation.

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

10W - MULTIPLE FIXTURES REQUIRE WIRING IN SERIES  
TERMINAL WIRING GAUGE MAX SIZE AWG#16

### SERIES WIRING



QUANTITY OF FIXTURES DEPENDANT ON FIXTURE DATA

- Using DALI-2 dimming with DALI power and dimmer

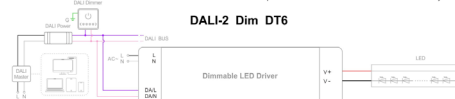


- Using DALI-2 dimming with DALI system and DALI bus












- Using DALI-2 dimming with intelligent device, DALI master and dimmer

Note: For DALI Dimming Wiring Diagram 3, please noted that only one DALI power is need in the DALI bus, so no extra DALI power is needed if the Master or Dimmer already includes the DALI Power.



## TECHNICAL SPECIFICATIONS

10W DRIVER | UL / cUL / FCC / ICES-005 / ENEC / CE / SAA / Class P / Class 2 / SELV / ROHS / REACH

RATED CURRENT: 	100mA 	150mA 	200mA 	250mA 	300mA 	350mA 	400mA 	450mA 
CURRENT TOLERANCE:	±5%							
DC VOLTAGE:	3-42V	3-42V	3-42V	3-40V	3-33V	3-28V	3-25V	3-22V
RATED POWER:	4.2W	6.3W	8.4W	10W	10W	10W	10W	10W
RATED INPUT VOLTAGE:	100-277VAC							
RATED FREQUENCY:	50 / 60 Hz							
POWER FACTOR@FULL LOAD:	>0.9							
EFFICIENCY @ FULL LOAD:	81%@120VAC 60Hz   80%@230VAC 50Hz   79%@277VAC 60Hz							
AC CURRENT (MAX):	0.14A							
INRUSH CURRENT (Typ.):	4.1A, 10us @50%I <sub>peak</sub>							
LEAKAGE CURRENT:	<0.50mA							
SHORT CIRCUIT:	CONSTANT CURRENT MODE, RECOVERS AUTOMATICALLY AFTER FAULT CONDITION IS REMOVED							
NO-LOAD VOLTAGE:	52V							
OVER TEMPERATURE:	AMBIENT TEMPERATURE OVER 65°C±5°C TO REDUCE OUTPUT TO 0%; THE AMBIENT TEMPERATURE DROPS TO 40°C±5°C AND AUTOMATICALLY RECOVERS							
STANDBY POWER:	<0.5W							
WORKING TEMP:	-40~+60°C (AMBIENT TEMP, ≤40°C FULL LOAD OUTPUT)							
WORKING HUMIDITY:	20-90%RH, NON-CONDENSING							
STORAGE TEMP,HUMIDITY:	-40~+80°C (-40~+176°F), 10-95%RH							
STORAGE HUMIDITY:	10-95%RH							
TEMP COEFFICIENT:	±0.03%/°C (0-50°C) (32-122°F)							
VIBRATION:	10-500Hz, 2G 12min./1 CYCLE, PERIOD FOR 72min. EACH ALONG X,Y,Z AXIS							
SAFETY STANDARDS:	EN61347-1; EN61347-2-13; UL8750; CAN/CSA-C22.2 No.250.13							
WITHSTAND VOLTAGE:	I/P-O/P;1/88KVAC							
ISOLATION RESISTANCE:	I/P-O/P:100MΩ / 500VDC / 25°C / 70%RH							
EMC EMISSION:	EN55015; EN61000 3 2,3; FCC PART 15 SUBPART B; ICES-005 ISSUE 5; ANSI C63.4A-2017							