



TILT / LIGHTING TECHNOLOGY



LD100P-PWM DRIVER

PROJECT

TYPE

PART#

PRODUCT FEATURES

- Dimming can go as low as .001% without flickering 0-10V/1-10V/10V PWM signal or resistance
- Class II power unit; SELV rated
- Plug & Play 24 Volt design for quick install and design flexibility
- Constant voltage design allows multiple lights per driver and greater energy efficiency. Efficiency >88%
- UL registered; CE certified; RoHS compliant
- Plenum rated suitable for use in air handling spaces
- Protections include: short circuit, over current, over voltage and over temperature
- Built-in active power factor correction (PFC) PF>0.90
- Range 100-305VAC, Typical: 120-277VAC
- Cooling by free air convection
- Suitable for dry/damp/wet locations. IP67 design for indoor or outdoor installations



LD100P-PWM

PART NUMBER & PRODUCT GUIDE (LD100P-PWM DRIVER)

Part#	Size (WxLxD)	AC Input			DC Output			Safety	
		Voltage	Inrush Current	Max Amps	Voltage	Max Amps	Power	Working Temperature	IP Rating
LD100P-PWM	2.8"x 9.1"x 1.9"	120-277V	.550A@220V	.457A@277VAC	24VDC	4.00A	96W	-40-+60C	IP67

Other Specifications:

OUTPUT: Ripple & Noise Max. = 250mVp-p

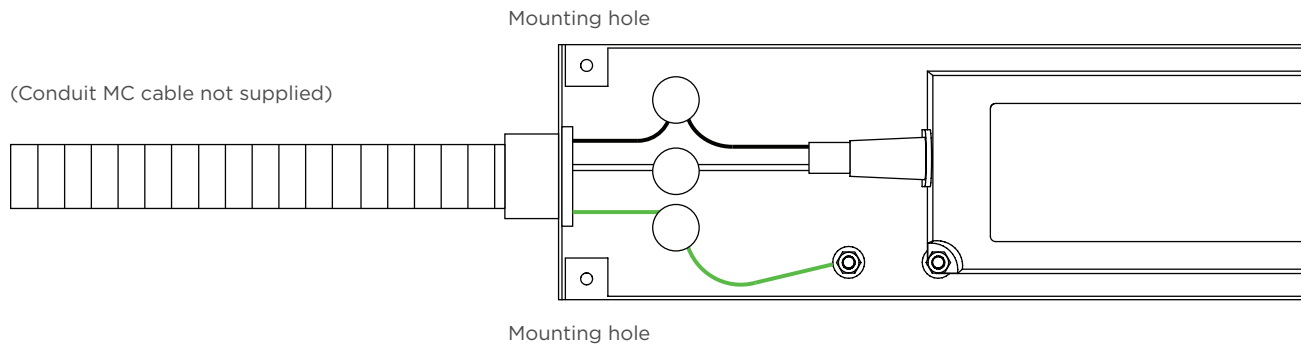
INPUT: Frequency Range = 47 - 63HZ

PROTECTION: Short Circuit protection type = Hiccup mode, recovers automatically after fault condition is removed

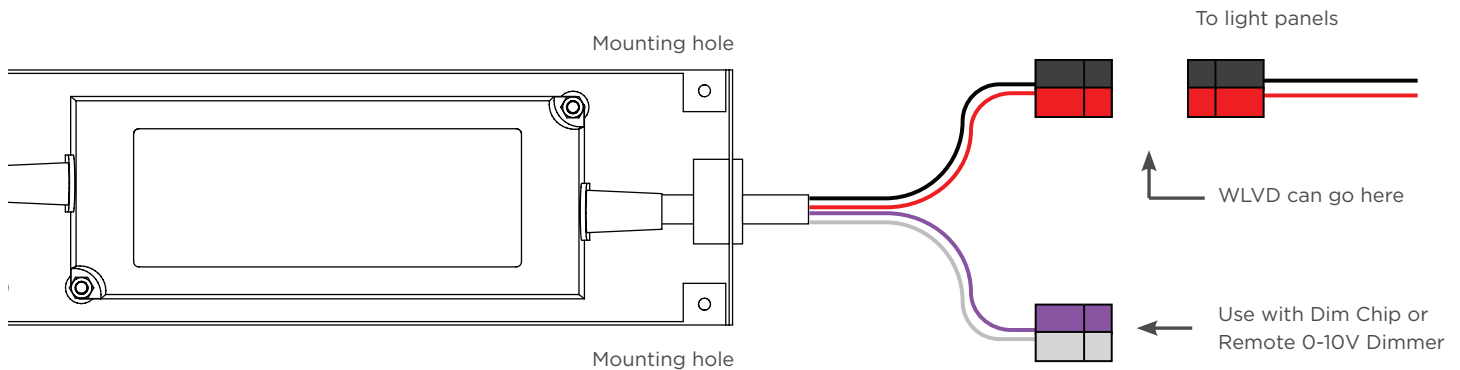
ENVIRONMENT: Working humidity = 20-95%RH, non-condensing. Vibration 10-500HZ, 5G 12 min./1 cycle, period 72min. ea along X,Y,Z

SAFETY & EMC: Class P, Type HL, EN61347-1 EN61347-2-13. Withstand voltage = I/P-O/P: 3.75KVAC, I/P-FG: 1.88KVAC, O/P-FG: 0.5KVAC

AC WIRING DETAIL



DC WIRING DETAIL



NOTES

- See Installation Instructions for approved installation methods and other details
- Lights must be located within 50 feet of Driver
- Wattage load of lights must not exceed wattage of Driver
- TILT® Drivers are designed to work with TILT® 1-10V dimmers and controls, as well as other 0-10V dimming and control systems
- For details specific to your system, call us at 855.440.8458

