

Q010 DIMBLOCK™

PWM LED Dimmer

PRODUCT OVERVIEW

The DIMBlock is a versatile solution that efficiently converts 7-24V DC input into a stable 5V PWM signal, making it perfect for devices requiring precise dimming control. Featuring an integrated dimming knob, it allows for easy adjustment of light intensity. In addition, the DIMBlock seamlessly passes the input voltage through to power the LED driver. Compact and robust, the DIMBlock is ideal for applications that demand both precise control and dependable power delivery from a single source.



Product		Q010	
General	Input Connection	Red (V+) / Black (V-)	
	Output Connection	Red (V+) / Black (V-) / Yellow (PWM +)	
Electrical	Input Voltage	7 Vdc (min)	24 Vdc (max)
	Output Voltage	Red = Vin, Yellow = 5 Vdc	
	Output Tolerance	500 Hz	
Environment	Operating Temp	-40 to 85° C	
	Storage Temp	-40 to 125° C	
Mechanical	Connection	5" 18 gauge wire	
	Dimension	2" x 1.4" x 0.5"	
	Weight	0.38 oz (11 g)	
Regulatory	Compliance	RoHS 3 (EU 2015/863)	
	Warranty	LEDdynamics Warranty	

* All specifications subject to change without prior notification.

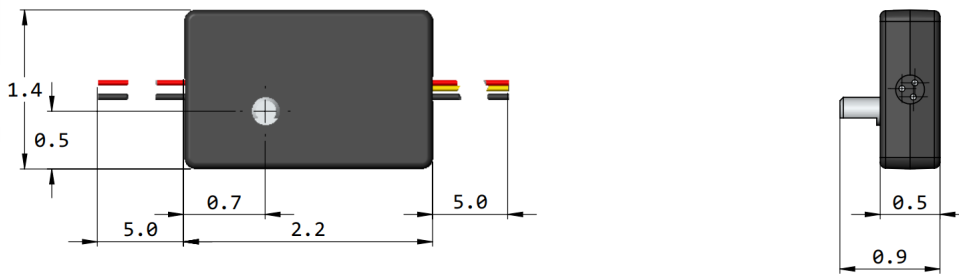
Ordering Information

PRODUCT FAMILY	PART NUMBER	DESCRIPTION
DimBlock	Q010-5	LuxDrive DimBlock 5V PWM Dimmer

Q010 DIMBLOCK™

PWM LED Dimmer

Mechanical



1. Dimensions in inches
2. Tolerance: 0.xx" = ± 0.015 "

Wiring Example

