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Lumen Maintenance Module for LED Light Fixtures Maintains Constant Luminosity over LED Lifespan



Features

- Increases output current to 100% over the preset life of the LEDs (50K hours)
- Dimming Level Increases 8V-10V
- Reset sequence when installing new LED bulbs
- Output Current Increase 80%-100% over Lifetime
- Compensates for dimming as LEDs age
- Wide Operating Temperature range (-40C-80C)
- Real time countdown clock

Part Number Applications

PDA-LUMEN-R
 LED Light Fixtures

Safety Approvals (Preliminary)

• FCC

Mechanical Characteristics

- Length: 90.2mm (3.6in)
- Width: 43mm (1.7in)

- CE
- Height: 31mm (1.2in)
- Weight: 128g (4.5oz)

Wiring Diagram

	Dimming Module	11-24V -Yellow Ground - Gray	
AC Input	LED Driver	Output Power/Dimming	

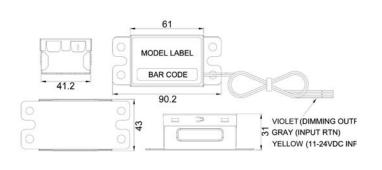
Wire connections Position Color

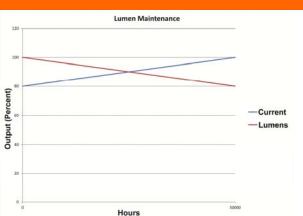
Dim+	Violet	400mm	AWG22
Ground	Grey	400mm	AWG22
Aux	Yellow	400mm	AWG22

Length

Gauge

Dimension Diagram





Countdown Clock Reset Sequence

Turn System Off (10secs.) \rightarrow Turn ON (1sec.) \rightarrow Turn OFF (1 sec.) \rightarrow Turn ON (1 sec.) \rightarrow Turn OFF (1 sec.) \rightarrow Turn ON Lights blink 3 times to indicate successful reset