

PICO C4 Expansion Module



Operation and Installation Instructions:

Analog Toggle Switch:

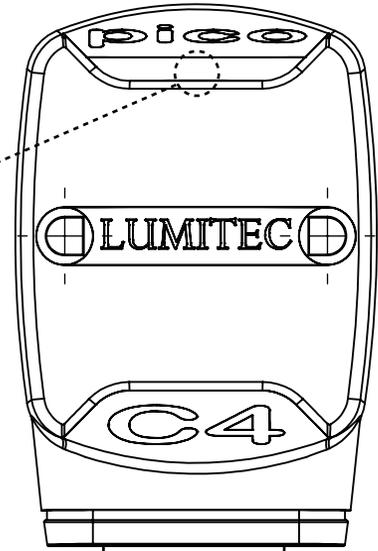
PICO may be controlled by any SPST (e.g. toggle or rocker) switch. Commands can be sent to the PICO module with brief off/on toggles of the input power. When first energized, module will illuminate the connected load to white and ramp up in brightness over a period of 3 seconds. To select a brightness, the ramp up can be interrupted and locked-in at any time with a single toggle. Toggle again to switch into SPECTRUM mode where the light will cycle through a mix of all available colors within 20 seconds. Toggle at any time to enter a 3-second ramp up in brightness for the current color. Just like on start up, the brightness ramp up can be interrupted at any time to select and lock-in the brightness level. Leaving the power off for more than 4 seconds will reset the module.

PLI (POWER LINE INSTRUCTION)

Digital commands can be sent through the PICO module using Lumitec's proprietary PLI protocol -to instantly set color and brightness. The Lumitec POCO and compatible interface device (e.g. MFD, smart phone, tablet, etc.) can be used to issue PLI commands to the module. For more information on the POCO system, visit: lumiteclighting.com/poco-quick-start

STATUS LED INDICATOR MESSAGES	
OFF	No Power Input
RED STEADY	Power Applied/Output OFF
GREEN STEADY	Power Applied/Output ON
RED BLINK	FAULT (see below)
ORANGE BLINK	PLI Message Received

FAULTS indicated by the blinking Red LED include:
Over Temp, Over/Under Voltage or Current



2-WIRE POWER INPUT:

- RED = POSITIVE (V+) INPUT
- BLACK = NEGATIVE (V-) INPUT

VOLTAGE INPUT:

- 10 to 30VDC ONLY
- MAX CURRENT DRAW:**
2.5 AMPS (RGBW OUTPUT)

5-WIRE RGBW OUTPUT:

- YELLOW = MAIN RGB/RGBW LED POSITIVE OUTPUT
- RED = RED RGB/RGBW LED NEGATIVE OUTPUT
- GREEN = GREEN RGB/RGBW LED NEGATIVE OUTPUT
- BLUE = BLUE RGB/RGBW LED NEGATIVE OUTPUT
- WHITE = WHITE RGBW ONLY LED NEGATIVE OUTPUT
(LEAVE WHITE WIRE DISCONNECTED FOR RGB ONLY)