



Multiplex LED Lighting Control Module

Description

Electronic control module for dimmable LED lighting applications. Contains 8 high-side outputs for standard white LED lights, as well as low side outputs for common anode RGB LED lights.

Lights can be controlled via digital switch inputs. The inputs can be individually configured to work with toggle or momentary switches.



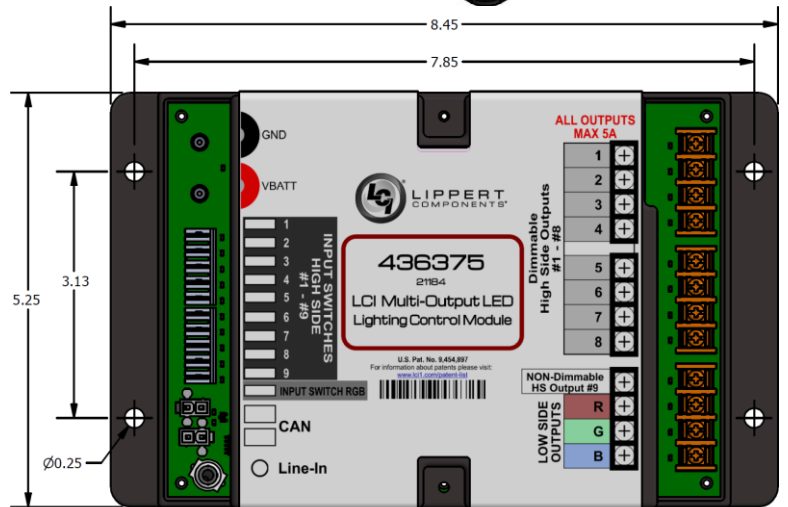
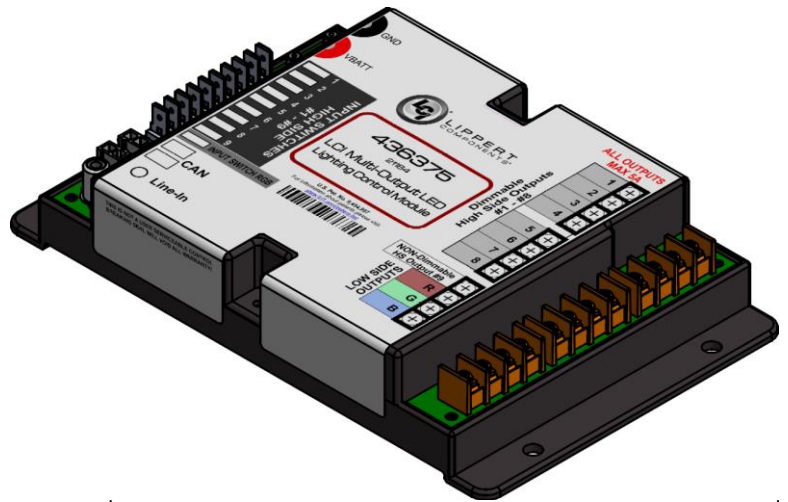
Control is Plug-and-Play compatible with the LCI myRV® line of CAN networked products, enabling remote operation the product from any OneControl™ Touch Pads on the CAN bus. The name of each output can be customized at the factory to show the feature being accessed.



Installation in Wi-Fi capable myRV® systems allows customers to wirelessly control the product using their Android or iPhone mobile device. Simply go to the app store and downloading the LCI OneControl™ mobile app.

Applies to

Part #	Description
21184	LCI Multi-Output LED Lighting Control Module



Absolute Maximum Ratings

Rating	Value	Unit	Conditions
Input Voltage	18	VDC	
Maximum Current Draw	40	A	Maximum total draw of entire module
Maximum Output Channel Current	5	A	Maximum allowed current per channel

Electrical Characteristics

Rating	Symbol	Min	Typ	Max	Unit	Conditions
Operating Supply Voltage	V _{batt}	9	13.8	16	VDC	



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Key Features

- 8 dimmable high side outputs, 5A max per channel
- 1 non-dimmable high side output, 5A max
- 1 RGB output (3 low side outputs), 5A max per channel
- Fully compatible with LCI myRV® line of CAN enabled products – plug-and-play operation with existing myRV® systems
- Remote control via OneControl™ tablet and mobile apps when connected to myRV® systems

Controls

The dimmable lighting controller can be controlled through CAN or hard switches. The hard switches can be individually configured to work with toggle or momentary switches.

- Toggle switch
 - Requires 12V control voltage to activate
- Momentary Switches
 - Requires 12V control voltage to activate/deactivate
 - Dimmable light brightness can be controlled by pressing and holding switch input