



## FEATURES

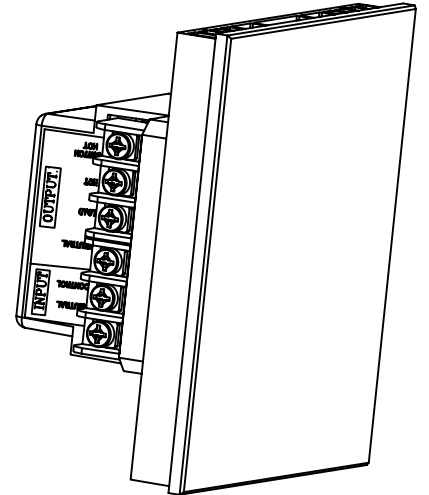
The Remote Dimmer Module for fluorescent lamps (RDMF) provides remote control dimming and switching for Advanced Mark 10, Lutron Tu-Wire, and Hi-Lume electronic dimming ballast in response to the phase control output of another device. The RDMF can be powered independently from the controlling device, making it ideal for expanding dimming capacity.

- Dimmer controls Advanced Mark 10 and Lutron Tu-Wire and Hi-Lume electronic dimming ballasts
- 1920 VA capacity at 120V, 3000 VA capacity at 277V
- Mounts to a properly grounded 2-gang wallbox (3.5" deep)
- Integral air gap relay
- Green LED indicator for load "ON"
- Low-end trim adjustment
- Emulates fluorescent wallbox dimmer range/resolution
- UL Listed

Catalog Number	
Notes	Type

## Remote Fluorescent Dimmer Module

# RDMF



## ORDERING INFORMATION

Example: **RDMF 3000 277**

<b>RDMF</b>					
<b>Series</b>	<b>Capacity/voltage</b>				
RDMF	<table border="0"> <tr> <td style="padding-right: 10px;"><b>2000 120</b></td> <td>1920 VA at 120V</td> </tr> <tr> <td><b>3000 277</b></td> <td>3000 VA at 277V</td> </tr> </table>	<b>2000 120</b>	1920 VA at 120V	<b>3000 277</b>	3000 VA at 277V
<b>2000 120</b>	1920 VA at 120V				
<b>3000 277</b>	3000 VA at 277V				

# RDMF Remote Fluorescent Dimming Module

## SPECIFICATIONS

### FUNCTIONAL

- Provides dimming of up to one full circuit of lighting in response to a control signal from the output of a compatible dimmer channel.
- Dimmer: Suitable for fluorescent fixtures equipped with 120V or 277V fluorescent dimming ballasts listed below.
- Control Input: Dimmed output (phase control) from an SQIDC or ISD 600 ADEZ/DSD 500 ADEZ (Mark 10), ISD 600 I (Hi-Lume).

### ELECTRICAL

- Dimmer Capacity: 1920 watts at 120V, 3000 watts at 277V.
- Input Power: Separate 20-amp branch circuit.
- Phasing: No phase relationship required between RDMF and the controlling dimmer.
- Relay: Air gap for positive *on/off* operation.
- Indicators: LED, illuminates when load is ON.
- Termination: Terminal block provided for contractor connections.

### MECHANICAL

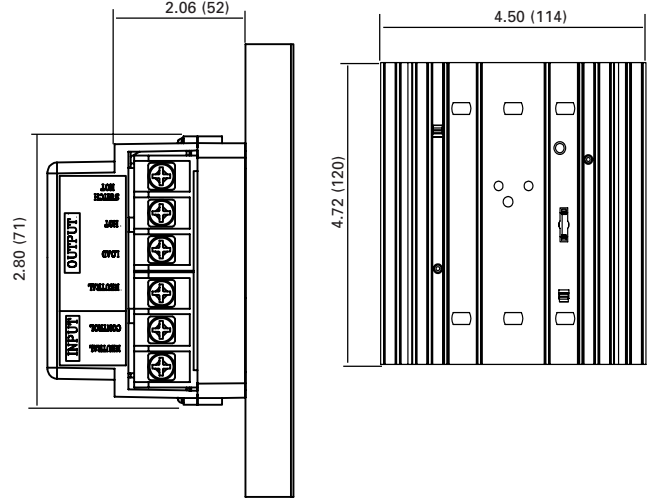
- Mounts to a properly grounded 2-gang wall box or 1900 box with 2-gang raised cover (3.5" deep).

### BALLAST COMPATIBILITY AND CAPACITY

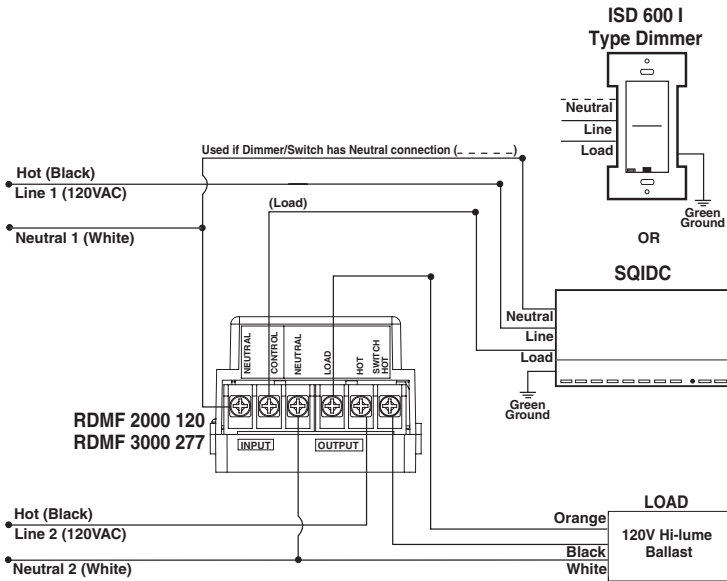
Load Type	Load Voltage	Controller	RDM
Advance Mark 10, Lutron Tu-Wire	120V	SQIDC, ISD 600 ADEZ 120, or DSD 500 ADEZ 120	RDMF 2000 120
Advance Mark 10, Lutron Tu-Wire	277V		RDMF 3000 277
Lutron Hi-Lume/ECO10	120V	SQIDC or ISD 600 I 120	RDMF 2000 120
Lutron Hi-Lume/ECO10	277V		RDMF 3000 277

## DIMENSIONS

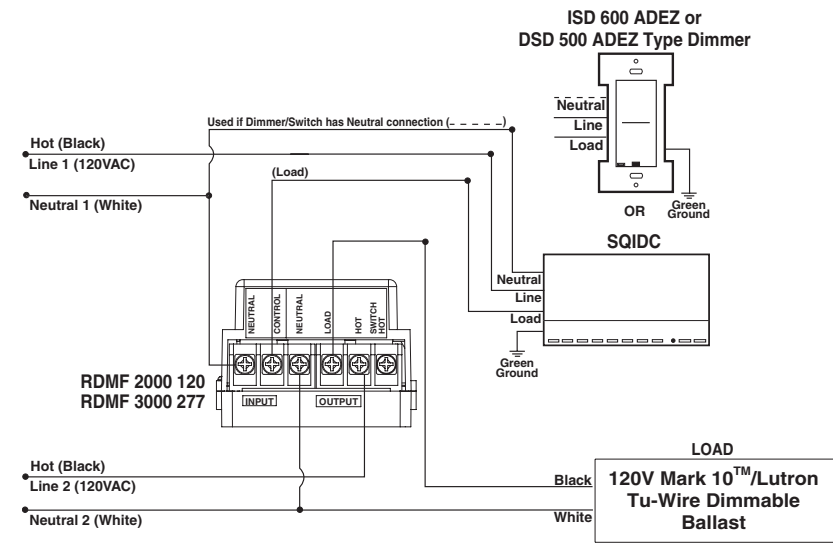
All dimensions are in inches (millimeters).



## WIRING DIAGRAMS



Note: 277V ballasts use RDMF 3000 that requires 277V feed separate from the 120V feed to the dimmer or SQIDC.



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### Wiring Notes:

- 1 Maximum capacity of a SQIDC channel is 600 VA for electronic dimming ballasts without the use of an RDMF.
- 2 Any SQIDC channel may be connected to a separate RDM. Maximum capacity is four RDM units per channel.