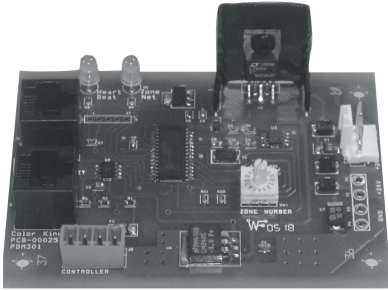


## PDM-301



Color Kinetics® PDM-301 is a Series 300 power/data module for white light fixtures. PDM-301 allows product designers to easily integrate the Series 300 digital light engines (DLEs) and lamps with their own 24V power supplies to drive their lights. By supporting a common 24VDC power input, PDM-301 allows several power and data distribution options. The simple design allows you to combine PDM-301 with a power supply or integrate it directly into a light fixture. The total number of DLEs that a single PDM-301 can drive is dependent on the wattage of each DLE.

PDM-301 accepts data from the Zone Control Network and produces appropriate DMX signal to drive lights at the commanded color temperature and intensity. CKDMX data requires only a single wire, and the common wire is the same as the V- or COMMON conductor that supplies DC power to the device.

PDM-301 is compatible with iW Scene Controller, which provides color temperature control and dimming capability.

### FEATURES

- Economical
- Compact size
- Ease of installation
- iW Scene Controller compatible

### PDM-301 ITEM# 118-000074-00

This product is protected by one or more of the following patents: U.S. Patent Nos. 6,016,038, 6,150,774 and other patents listed at <http://colorkinetics.com/patents/>. Other patents pending.

©2005 Color Kinetics Incorporated. All rights reserved. Chromacore, Chromasic, Color Kinetics, the Color Kinetics logo, ColorBlast, ColorBlaze, ColorBurst, ColorCast, ColorPlay, ColorScape, Direct Light, iColor, iColor Cove, iPlayer, Optibin, QuickPlay, Sauce, the Sauce logo, and Smartjuice are registered trademarks and DIMand, IntelliWhite, Powercore, and Video With Light are trademarks of Color Kinetics Incorporated.

All other brand or product names are trademarks or registered trademarks of their respective owners.

BR0176 Rev 00

Specifications subject to change without notice.

### PDM-301 SPECIFICATIONS

<b>WEIGHT</b>	2 oz (56.6 g)
<b>POWER INPUT</b>	24VDC
<b>POWER OUTPUT</b>	24VDC
<b>AMBIENT OPERATING TEMP</b>	14°F to 122°F (-10°C to 50°C)
<b>CONNECTORS</b>	Data: 3-pin vertical header, Power: solder pads
<b>DATA INPUT INTERFACE</b>	Zone Control Network
<b>DATA OUTPUT INTERFACE</b>	CKDMX

### U.S. AND FOREIGN PATENTS AND PATENTS PENDING

**PDM-301**

PHYSICAL DIMENSIONS

