

LiteDimmer Spectrum DC200™ is a 200 watt ballast designed to operate a LiteMat Spectrum light fixture with up to 4 large-format pixels each. It is powered by any external DC voltage between 8V and 36V. The integrated OLED display offers important visual feedback and its included K-Mount offers best in class ballast mounting.



## SPECIFICATIONS

**Product Name:** LiteDimmer Spectrum DC200

**Item Number:** LD-SPECTRUM-DC200

**Power:** 200W Nominal

**Voltage Input (Battery):** 10~35 VDC (PL4 Connector)  
 14.4 VDC Nominal (One Battery)  
 for LED Loads up to 100W  
 14.4 VDC Nominal (Two Batteries)  
 for LED Loads up to 200W

**Voltage Input (External):** 10~35 VDC (PL4 Connector)  
 (Pins 1 and 4 – Neg., Pins 2  
 and 3 + Pos.)

**Voltage Output:** 48 VDC Power, 5 VDC Signal  
 (PDX Connector)

**Dimming Range:** 0% to 100% Continuous, Flicker-Free

**Controls:** Main 3-Position Switch  
 Manual CCT Control Knob  
 Manual Intensity Knob  
 OLED Display w/ function switches

**Software Interface:** User upgradable software, with propriety connector.

**Weight:** 4 lb., (1.8 kg.)

**Dimensions:** Height: 2.8 in., (71 mm)  
 Width: 6.3 in., (160 mm)  
 Length: 12.1 in., (307 mm)

**Operating Temperature:** -10° to +50° C (14° to 122° F)

**Mounting:** (4) 1/4-20 Threaded Inserts  
 Drywall Screw Holes  
 Velcro®/Cable Tie Slots  
 K-Mount accepts rigging accessories

**IP Rating:** 20

**Certifications:** N/A

## ACCESSORIES

### Power

PS-24V-250W-F-PL4 Power Supply, 24VDC, 250W

### Power, On-Board

LDA-PLUS-PS-KM-BRACKET Power Supply to KF.M

LDA-PLUS-BLOCK-ADAPTER Block to KF.M

LDA-PLUS-GOLD-ADAPTER Gold to KF.M

LDA-PLUS-V-ADAPTER V to KF.M

### Power, Off-Board

LDA-PLUS-PS-HEX-BRACKET Power Supply Plate to Hex

LDA-PLUS-SINGLE-BLOCK Block (Single) to Hex

LDA-PLUS-ADAPTER-B-V Block to Gold Mount Adapter

LDA-PLUS-ADAPTER-B-V Block to V Mount Adapter

### Mounting

LDA-PLUS-KM-M-ST45 ST45 Adapter Plate, Male

LDA-PLUS-KM-F-ST45 ST45 Adapter Plate, Female

LMA-LITEMOUNT-CONVI LiteMount (w/Convi)

LDA-PLUS-CLAMP Convi Clamp, Black

### Cable

CA-PDX-EXT-25 PDX Extension, 25 ft.

CA-PDX-EXT-50 PDX Extension, 50 ft.

