

# HYDRA SERIES AIP200

## 200W RGBL IP65 LED PAR

The Hydra Series AIP-200 is a compact 200 Watt RGBL IP65 rated & convection cooled zoom par that is packed with a high feature set at an affordable price. This silent, compact luminaire weighs in at just 13.44 pounds / 6.1 kg. but features a powerful lumen output with a wide zoom range.

The AIP-200's compact, cast aluminum design allows for discrete luminaire placement while the Red, Green, Blue, Lime LED engine offers very high output of deep rich saturated colors as well as soft and delicate pastels. The AIP-200 replicates the soft output of a par wash light while maintaining a uniform beam output throughout the entire zoom range.

The AIP-200 offers a number of different control states from 8 Bit, 16 Bit, RGB, CMY, Compact and HSIC, modes allowing for a number of control choices. Popular gel colors are factory calibrated and custom color presets are available to program and store custom color mixes. This allows for quick selection of factory preloaded white points and the most widely used entertainment color choices.

The motorized zoom produces a beam spread between 6.5° and 50° with built-in stops at five different set points ensuring precise beam spread repeatability. This zoom can be set from either the back panel and locked out, or directly from the console.



*AIP200 RGBL Zoom Par*

### **Product Features:**

- 5792 max lumens
- Red, Green, Blue, Lime LED Engine
- IP65 rated
- Lightweight, 13.80 lbs. (6.26 kg)
- Motorized zoom system 6.5° to 50° with built-in stops for:
  - Very Narrow Spot (VNSP)
  - Narrow Spot (NSP)
  - Medium Flood (MFL)
  - Wide Flood (WFL)
  - Extra Wide Flood (XWFL)
- Patented Zoom Lock
- 100 to 240 VAC 50/60 Hz operation
- Seetronic PowerKON Power input and through connection
- Up to 30 Hz Strobe rate
- DMX 5-pin in and through IP65 Rated connection
- Compatible with DMX 512 and RDM protocols
- On-board, simple-to-use user interface - with keypad lock-out security features
- Eight different control settings of:
  - 16-bit Direct (15 DMX Channels)
  - 16-bit CMY (13 DMX Channels)
  - 8-bit Direct (10 DMX Channels)
  - 8-bit CMY (9 DMX Channels)
  - RGB (5 DMX Channels)
  - HSIC (10 DMX Channels)
  - Compact Mode (6 DMX Channels)
  - Compact Mode with Zoom (7 DMX Channels)
- Silent convection cooling
- Built-in floor stand
- Color calibration system
- Multiple dimming profiles
- Frequency Adjust Settings
- Amber Shift Settings
- On-board factory set and customer defined color presets
- Preset white select set point settings
- Available in black
- cETLus listed CE marked
- Five (5) year and one (1) day warranty
- No cost technical support for the life of your product

## Specifications

<b>Materials:</b>	Corrosion-resistant materials and hardware
<b>Beam Angle:</b>	6.5° - 50°
<b>Control:</b>	DMX/RDM
<b>Light Engine:</b>	12X20 Watt RGLB
<b>Lumens:</b>	See photometrics for each beam spread
<b>Max Lumens:</b>	5792*
<b>Rated LED Life:</b>	Arrays are rated for >50,000 to L70
<b>Input Voltage:</b>	100-240 VAC 50/60 Hz
<b>Wattage:</b>	222 Watts*
<b>Current Draw:</b>	1.67A @ 120VAC; 0.87A @ 230VAC
<b>Current Inrush:</b>	At 120 VAC, 50A (1/2 cycle) @25°C At 240 VAC, 40A (1/2 cycle) @25°C
<b>Quiescent Load:</b>	6.05 Watts
<b>Power Factor:</b>	≥ 0.95
<b>Max Daisy Chain:</b>	8 Units @120VAC; 13 Units @230VAC
<b>Dimensions:</b>	9-11/64" x 11-7/32" x 13-15/64" (233 x 285 x 336mm)
<b>Cooling:</b>	Passive
<b>Environment:</b>	IP65, -20°C to 45°C (-4°F to 113°F)
<b>Impact Resistance:</b>	IK05
<b>Weight:</b>	13.80 lbs. (6.26 kg)
<b>Body Color:</b>	Black
<b>Compliance:</b>	cETLus listed for outdoor use and CE marked
<b>Warranty:</b>	Five (5) years and one (1) day
<b>Support:</b>	Forever for the life of the product

\* - All LED's on at Full from a Cold Start

*Barn door (multi-lensed output): When using barn doors (6-BD-4), please note that the beam shaping flap may create multiple shadows depending on throw distance and beam spread setting. If you require "fresnel style" beam shaping, add a color frame (6-CFB) with your desired diffusion media (by others).*

*Top hat / half top hat (multi-lensed output): When using either the top hat (6-SN) or half top hat (6-SN) accessories, please note that these are designed to control light spill or to reduce the viewing angle to the lens. These accessories are intended for use with beam settings from Very Narrow to Medium Flood. Using the accessories with beam settings Wide Flood or Extra Wide Flood, may result in undesired beam distortion depending upon throw distance.*

*\*\* - The Hydra Series AIP-200 is an IP65 rated Par that offers IP65 rated connections at the luminaire. Accessories offered for this product include male end wire plugging terminations of Edison (5-15P), Twist-Lock (GTL), and Pin (2P&G) plugs. These connector types are not IP-65 rated and will require protection from ingress when used in wet locations.*



## Ordering Information

### AIP-200-RGLB-B

(Fixture and AIP200-FF. Does not include power input cable)

### AIP-200-RGLB-B-SCBE

(AIP-200-RGLB-B with SPK-BARE-12-5 PowerKON to Bare End power input cable)

### AIP-200-RGLB-B-SCED

(AIP-200-RGLB-B with SPK-PBG-12-5 PowerKON to Edison power input cable)

**NOTE:** The AIP-200-RGLB-B, AIP-200-RGLB-B-SCED and AP-200-RGLB-B-SCBE do not include a C-Clamp or safety cable. These must be ordered separately.

## Accessories

<b>6-BD-4</b>	Barn-Door 4 door eight leaf
<b>AIP200-FF</b>	Spare Face Frame with Screws
<b>6-SN</b>	7-1/2" X 7-1/2" Top hat (snoot)
<b>6-CFB</b>	Black Color Frame 7-1/2" x 7-1/2"
<b>SC-36-BK</b>	36-Inch Black Safety Cable with Spring Clip
<b>SS-SC-40-BK</b>	40-Inch Stainless Steel Safety Cable with Spring Clip
<b>510</b>	Malleable Iron Pipe Clamp
<b>52-SAC3FX</b>	Seetronic PowerKon Input Connector
<b>52-SAC3MX</b>	Seetronic PowerKon Thru Connector
<b>SPK-PBG-12-5</b>	5' 20 Amp Seetronic PowerKON from 15A Edison Male IP65. **
<b>SPK-2P&amp;G-12-5</b>	5' 20 Amp Seetronic PowerKON from Stage Pin Connector Male. **
<b>SPK-TLG-12-5</b>	5' 20 Amp Seetronic PowerKON from Twist Lock GTL Male. **
<b>SPKJ-12-5</b>	5' 20 Amp Seetronic PowerKON In to PowerKON Out Feed Thru Jumper
<b>SPKJ-12-10</b>	10' 20 Amp Seetronic PowerKON In to PowerKON Out Feed Thru Jumper
<b>SPKJ-12-15</b>	15' 20 Amp Seetronic PowerKON In to PowerKON Out Feed Thru Jumper
<b>SPKJ-12-25</b>	25' 20 Amp Seetronic PowerKON In to PowerKON Out Feed Thru Jumper
<b>SPK-BARE-12-5</b>	5' 20A Seetronic PowerKON to Bare End
<b>SPK-BARE-12-10</b>	10' 20A Seetronic PowerKON to Bare End
<b>SPK-BARE-12-25</b>	25' 20A Seetronic PowerKON to Bare End
<b>XLR-IP-5-5</b>	5' 5Pin IP65 XLR Cable-DMX
<b>XLR-IP-5-10</b>	10' 5Pin IP65 XLR Cable-DMX
<b>XLR-IP-5-15</b>	15' 5Pin IP65 XLR Cable-DMX
<b>XLR-IP-5-25</b>	25' 5Pin IP65 XLR Cable-DMX