



**HYDRO**  
SERIES

The Hydro Series logo graphic consists of three wavy lines in shades of blue and yellow, positioned below the text 'HYDRO SERIES'.

## HYDRO SPOT 1

A feature-packed, LED-powered moving head spot luminaire housed within a robust IP65-rated housing. Featuring a potent 200-Watt cool white LED engine, it delivers punchy output which can be manipulated using an extensive collection of beam-shaping tools.

Part of ADJ's popular Hydro Series of robust IP65-rated automated luminaires, the Hydro Spot 1 is a versatile, LED-powered spot fixture. It is ideal for temporary event production both indoors and outside in any weather, from dusty desert festivals to cold and wet winter attractions. It is also suitable for permanent installation within all kinds of venues, from nightclubs to churches, where its sealed casing design protects its internal components from dust and grime to allow for a reduced maintenance schedule and prolonged operational life expectancy.

Harnessing the power of a potent 200-Watt cool white LED light engine, focused through precision-engineered optics, the Hydro Spot 1 delivers punchy output with even coverage. The efficient LED light source is much brighter than a traditional incandescent bulb that uses the same amount of power, while its 50,000 hours of expected operational life essentially makes lamp replacement a thing of the past.

An extensive feature set provides lighting designers using the Hydro Spot 1 with a wealth of creative potential. This starts with motorized zoom, allowing for a variable beam angle of 12° ~ 23°, which is paired with motorized focus to ensure pattern projections remain sharp regardless of distance. The fixture features two independent color wheels, each loaded with 8 dichroic colors, including CTO, CTB and UV filters. It also features a separate GOGO wheel, which has 6 slots for replaceable, rotating glass or aluminum GOGO patterns. Two rotating prisms (5-facet linear & 6-facet circular) allow for the creation of stunning aerial effects, while two frost filters (medium and heavy) allow for blurring the edges of GOGO patterns and creating a wash output, respectively.

# HYDRO SPOT 1



## LIGHT SOURCE:

- 200W Cool White LED Engine (50,000 hr.)

## FEATURES:

- Motorized Focus
- Motorized Zoom: 12° ~ 23°
- 2 Frost Filters (Heavy and Medium)
- 2 Prism FX: Rotating 5-facet Linear & rotating 6-facet Circular
- 0-100% smooth dimming
- Various strobe speeds
- USB firmware update port
- 2 cooling fans

## COLOR:

- (2) Color wheels
- 8 dichroic colors + white on each wheel (includes CTO, CTB and UV filters)

## GOBO WHEELS:

- (1) Wheel with 6 Rotatable Gobo's
- All Gobo's are replaceable
- Gobo Shake Effect
- Aluminum GOBO size: 23mm (outer); 19mm (viewable); 0.5mm (thickness)
- Glass gobo size: 23mm (outer); 19mm (viewable); 3.3mm (thickness)

## PRISM WHEEL:

- Prism Wheel 1: Rotatable 6-facet Circular
- Prism Wheel 2: Rotatable 5-facet Linear
- Both Prisms are indexable

## FROST FILTERS:

- Frost 1: Heavy frost for wash effect
- Frost 2: Medium frost creates lightly blurred edges for Gobo and Prism FX



# HYDRO SPOT 1



## CONTROL:

- 3 DMX Channel Modes: 19/22/26
- Color LCD display with 6-button function menu
- Control Mode: DMX512 or internal programs
- 6 Dim Modes: Standard, Stage, TV, Architectural, Theatre, Stage2
- 4 Dim Curves: Square, Linear, Inv. Square and S. Curve
- Selectable LED Refresh Rates (900 Hz~25K Hz)
- 0-100% smooth dimming
- Various strobe speeds
- With Wired Digital Communication Network
- RDM (Remote Device Management)

## PAN/TILT:

- Pan: 630 degrees
- Tilt: 270 degrees

## CONNECTIONS:

- DMX Connections: 5-pin XLR In/Out
- Power Connections: IP65 PowerLock In/Out to daisy chain power

## ELECTRICAL:

- Multi-voltage operation: 90-240V, 50/60Hz
- Max power consumption: 280W

## DIMENSIONS / WEIGHT:

- Dimensions (LxWxH): 9.49" x 14.57" x 19.21" (241x370x488mm)
- Weight: 35.2lbs (16kg)

## INCLUDED ACCESSORIES:

- Omega Bracket
- 1.83M locking power cable

## Approval / Ratings:

- ETL Approved / CE Certified
- IP65 with Marine Coated Exterior and conformal coated PCBs

