

PRESENTING THE NEXT REVOLUTION IN ENTERTAINMENT

# ARORA.

## LIGHT SHOW DRONES

### INCREASED ENDURANCE

Record-breaking flight times  
allow shows to operate for  
up to **25 minutes**

### LUMINOSITY

LED's **6x as bright**  
True white enables a **full  
range of colors**

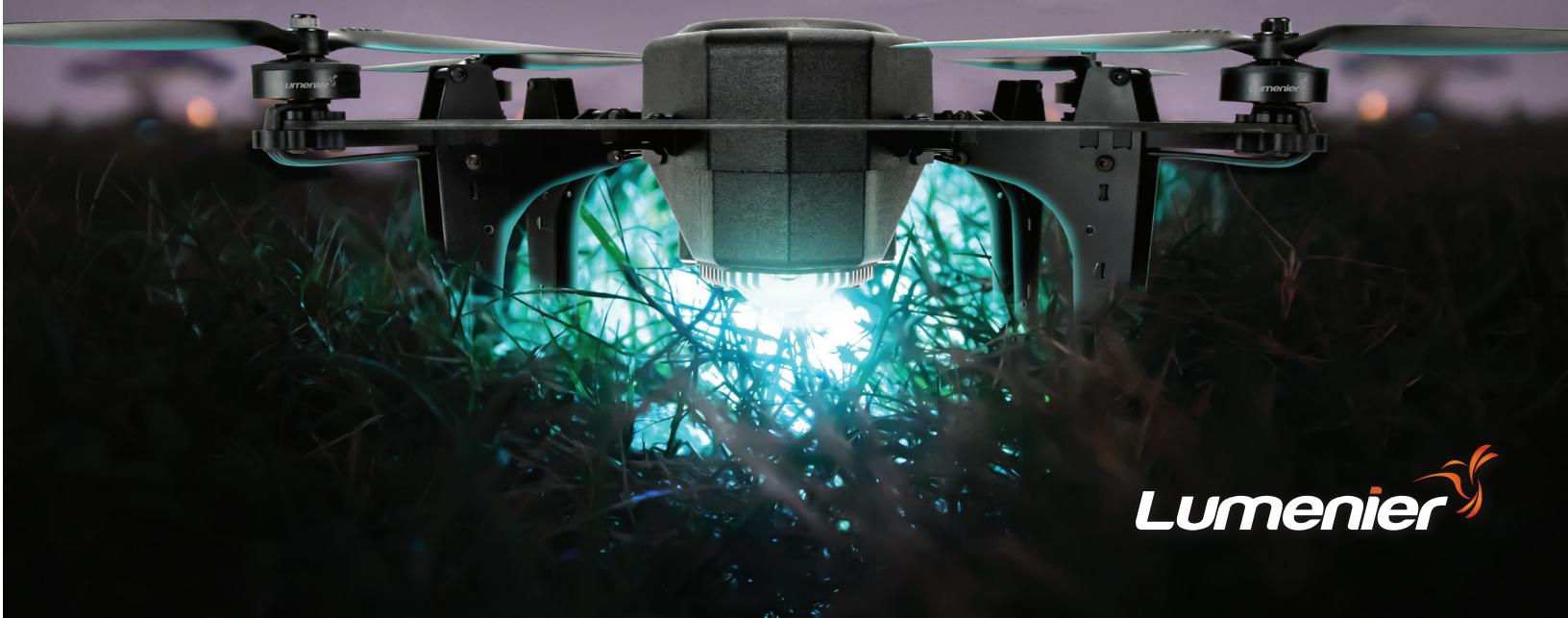
### REMOTE POWER ON/OFF

No more scrambling to plug in  
batteries - **operate remotely  
with ease**

### BUILT TOUGH

Weather resistant for **greater  
durability** and protection

**LONGER ENDURANCE, BRIGHTER LEDS, AND A LARGER RANGE  
OF COLORS MAKE THE LUMENIER ARORA DRONES THE STARS  
OF YOUR NEXT SHOW!**

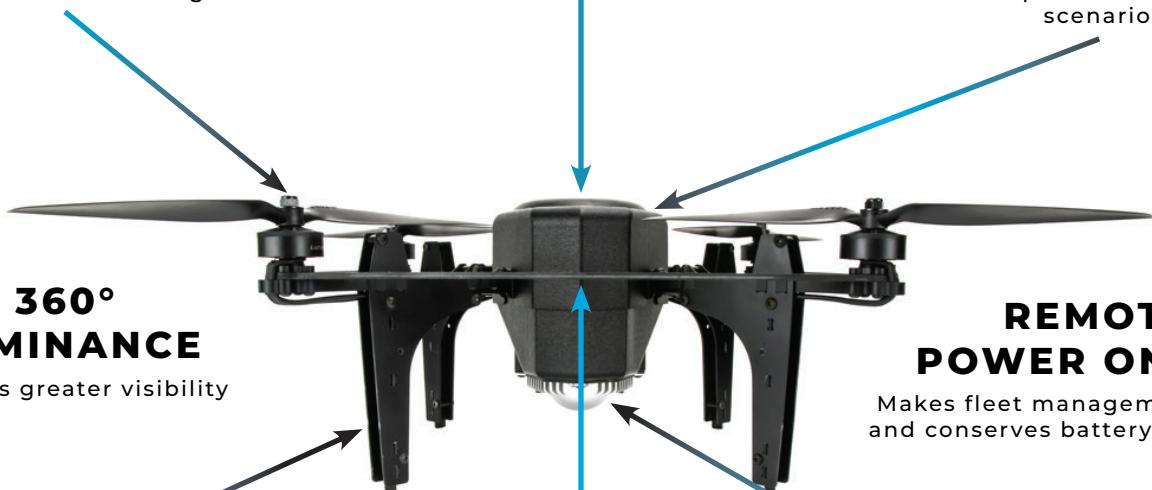


**Lumenier**

## UNIQUE FEATURES

### OPTIMIZED POWERTRAIN

For extended show length



### 360° LUMINANCE

Provides greater visibility

### STACKING DESIGN & TRAVEL CASE

Space-saving stackable design reduces overhead costs

### BEST IN CLASS GPS

For tighter formations and greater consistency

### WEATHER RESISTANT CASING

Provides peace of mind in any scenario

### REMOTE POWER ON/OFF

Makes fleet management a breeze and conserves battery during setup

### POWERFUL FLIGHT CONTROLLER

Lightning fast processor for optimized control

### INDUSTRY-LEADING LEDs

True white color provides unlimited color combinations and advanced special effects



## SPECIFICATIONS

AIRCRAFT	
Dimensions	266mm x 240mm x 152mm
Diagonal Wheel Base	360mm
Weight (Battery Excluded)	900g
Operating Frequency	2.4 GHz, 5.8 GHz (Country Dependent) / Sub 1 GHz (Country Specific Frequency)
Operating Temperature	(-10°C to 50°C
Hovering Accuracy	Horizontal: 0.01m + 1ppm CEP
Max. Horizontal Speed	10 m/s
Max. Ascent Speed/ Max Descent Speed	5 m/s
Flight Time	25 minutes
BATTERY	
Capacity	6,000 mAh
Voltage	16.8 V
Battery Type	LiPo
Net Weight (each)	540 g
Operating Temperature	0°C to 35°C
Optimal Storage Temperature	(-10°C to 45°C
LIGHTING SYSTEM	
Light Color	RGBW
Lux Measurements	510 RGBW
Number of LED Units	12
Viewing Angle	360 degrees
Operating Temperature	(-10°C to 50°C
GLOBAL NAVIGATION SATELLITE SYSTEM (GNSS)	
<i>Air Unit (Rover)</i>	
Satellite Systems	GPS/QZSS, GLONASS, Galileo, BeiDou
Number of Concurrent GNSS	4
GNSS Bands	GPS L1C/A(1575.42MHz), GPS L2C(1227.60MHz), GLONASS L1OF(1602MHz), GLONASS L2OF(1246MHz), BeiDou B1(1561.098MHz), BeiDou B2(1207.140MHz), Galileo E1-B/C(1575.42MHz), Galileo E5b(1207.140MHz)
RTCM Injection	Redundant Wireless Telemetry
<i>Ground Unit (Base, Advanced Air Unit)</i>	
Satellite Systems	GPS/QZSS, GLONASS, Galileo, BeiDou
Number of Concurrent GNSS	4
GNSS Bands	GPS L1C/A(1575.42MHz), GPS L2C(1227.60MHz), GLONASS L1OF(1602MHz), GLONASS L2OF(1246MHz), BeiDou B1(1561.098MHz), BeiDou B2(1207.140MHz), Galileo E1-B/C(1575.42MHz), Galileo E5b(1207.140MHz)
Interface	USB Type-C

## RECOMMENDATIONS



### LUMENIER X16 SWARM CHARGER\*

- Portable charging solution for multiple high-capacity batteries
- Designed for field use with drone fleets such as the Lumenier ARORA light show drones
- Charges up to 16 LiPo batteries simultaneously



### ZARGES BATTERY TRANSPORT CASE

- Provides perfect protection, even under the most extreme conditions
- Designed for the safe packaging and transport of lithium-ion / lithium-polymer batteries
- ATA 300-approved, lightweight, rugged, dust and water-resistant
- Contains BatterySafe™ Intumescent Glass Fiber Padding



### LUMENIER 6000mAh 4S 35c LiPo BATTERY - XT60

- Optimized for the Lumenier ARORA light show drone
- Maximizes flight time with minimal voltage sag
- Sleek battery design

\* Product in development, final appearance may vary slightly

## AVAILABLE PACKAGES

### 100 TIER

- 100 Arora Lightshow Drones
- 1 Network Setup (Up to 500 Drones)
- 200 Batteries
- 1 Charge/Discharge Case

### 300 TIER

- 300 Arora Lightshow Drones
- 1 Network Setup (Up to 500 Drones)
- 600 Batteries
- 1 Charge/Discharge Case

### 500 TIER

- 500 Arora Lightshow Drones
- 2 Network Setups (Up to 500 Drones)
- 1000 Batteries
- 2 Charge/Discharge Cases

