

# Junior LED Fresnel 200W 5600K DMX

Reference: LLS-JLED200WDMX



- Power: 200W
- Light output 2m: 12500lx (spot) / 5200lx (flood)
- Color temperature: 5600K | CRI 90+ RA
- Size & weight: 33 x 48 x 52 cm | 11.5 kg
- Similar housing to Junior Fresnel 2000W
- Adjustable beam angle from 15° to 60°
- Built-in DMX512 controller for remote operation
- Smart thermal cooling design, noise-free



## Product description:

The Junior LED Fresnel's series provides a powerful, high quality and high CRI light that looks great with today's digital cameras. They are the ideal combination of classic Fresnel characteristics and all the advantages of latest LED technology. The Junior LED series are flicker free (tested at 3'000 fps), suitable for slow motion shootings.

LED source into a classic tungsten Fresnel body

The fixtures have been designed on the same body chassis as traditional tungsten Junior series with consideration for the accessories users may already own from the incandescent models. Barndoors, scrim kits, filter frames, softboxes or snoots all can be used with the new Junior LED fixtures.

The full metal body housing is made using a series of light weight aluminum extrusions with aluminum corrosion resistant castings and steel parts ensuring a sturdy and robust construction for years to use in a professional environment.

The units are manufactured using the latest MASM technology (multi array surface mount) and adopt high quality and precise 3 layers optical elements for a clean and crisp beam spread.

#### Adjustable beam and light intensity

The Junior LED Fresnel features an adjustable beam angle from spot 15° to flood 60° using a mechanical focusing mechanism. The light output is dimmable from 100% to 0%, flicker free across the dimming range (tested at 3'000 fps), therefore suitable for slow motion shootings.

#### Passive cooling design with no fans

The Junior LED Fresnel fixtures are totally silent as no fans are used to cool down the LED; instead, a smart thermal cooling design with sealed gas is used as on high end computers. No fans means no noise coming from the fixture and virtually no maintenance is needed. The LED life span also reaches up to 50'000+ hours of use equivalent to 15 years of day by day use / 10 hours a day.

#### Built-in industry standard DMX-512 controller

The Cinelight LED Fresnel's are equipped with built in DMX 512 controller with single, master & slave functions, allowing for the brightness and color temperature to be controlled remotely from a DMX lighting console, making them perfect for TV studio installations, theaters, stages or conference rooms.

#### 24V DC socket for battery powering

The lights run with low power consumption, so are extremely well suited to run on battery power, ideal for professional videographers, filmmakers and broadcast productions. Cinelight Junior LED Fresnel fixtures come equipped with a low voltage 24V DC socket for battery connection in addition to the main powered plug.

The Junior LED series are universal voltage capable AC 100V-240V and the IEC connector allows for fast change of power cable with local models.

Optional battery voltage converter unit (BVCU) is available for installing 14.8V V-Lock batteries to power the lights.

#### Key features:

- adjustable beam angle spot 15° - flood 60°
- accurate color rendering CRI 90+ RA
- dimmable output from 100% to 10%
- flicker free at high speed shooting rates

- passive cooling: no fans, no noise, no maintenance
- built-in DMX controller with XLR 3P connectors
- digital display for brightness and DMX address
- compatible with tungsten Junior Fresnel 2000W accessories

### Product features:

Rated power: 200 watts  
Beam type: spot  
LED type: Daylight only  
Voltage input: 24V  
Color temperature: 5600K  
CRI rating: 94  
TLCI rating: 95  
Beam angle: 15°-60°  
LED no: 1  
Dimming range: 100%-0%  
Display type: Simple - Monochrome  
Battery mount: N/A  
Plug in connector type: Bi-Pin - male  
Cooling system: Passive  
Power source: Internal, AC 100-240V 50 / 60 Hz  
Power connector type: CEE 7/7  
Power cord total length: 5.0 m  
Local functions control: Analog  
DMX control: Yes  
DMX connectors type: XLR-3P  
WIFI control : No  
Remote control : No  
Yoke mount: Spigot 16mm receiver  
Housing material: Aluminum  
Housing color: Black  
Lens type: Fresnel  
Lens size: 175 mm  
Barndoors slot size: 245 mm  
Filter slot size: 229 mm  
Photometrics spot mode: 2m: 12500lx | 3m: 5600lx | 4m: 3200lx  
Photometrics flood mode: 2m: 5200lx | 3m: 2400lx | 4m: 1400lx  
Spot-Flood selector type: Mechanical  
Lamp head weight: 11.5 kg  
Lamp head dimensions: 52 x 33 x 48 cm