CP OMNIA L

REWRITES WHAT ONE FIXTURE CAN DO

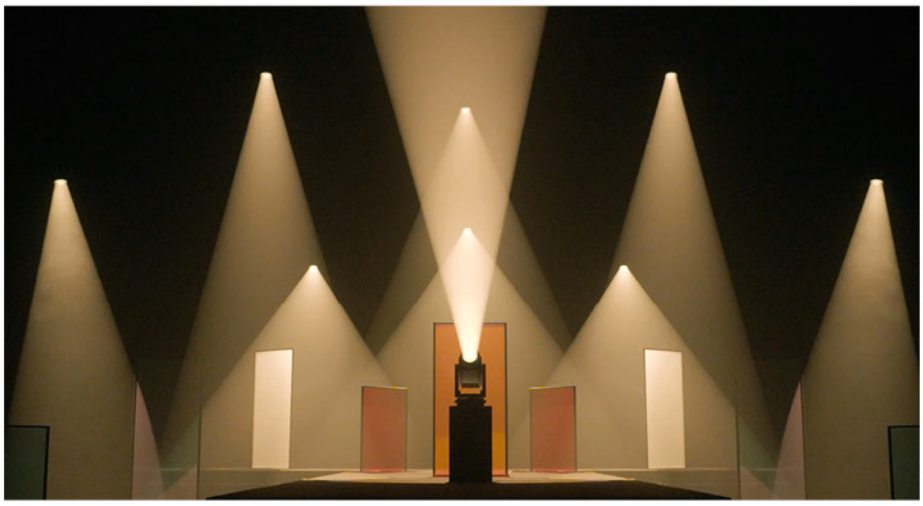


- **Light Source:**
  Custom 1500W RGBAMC LED engine (6000K native at full)
- **Output:**
  >40,000 lm
- **Zoom Range:**
  3.5°–51° linear zoom
- **Shield Family:**
  Moving head fixture suitable for outdoors (IP66)
- **CloudIO Ready:**
  Fully compatible with CloudIO

For fifty years, Claypaky built light for one moment: the house lights go down and the show begins.

Nowadays that moment happens twice: for the audience in the room and for the camera, be it IMAG, livestream, or broadcast. **CP OMNIA L** is the game changer built around that shift: the **first true keylight** for **touring** and **large-scale live events**, with a balanced white at CRI 98 and R9 98, fully saturated color, and color changes fast enough to follow the show.

SIX COLORS. ONE ENGINE. TRUE-TO-CAMERA COLOR.
CP OMNIA L runs on a **six-color multispectral RGBAMC LED engine** — Red, Green, Blue, Amber, Mint, and Cyan — working together in an additive system, instead of a standard three-color engine or the subtractive filtering of a white-source fixture. That's how CP OMNIA L delivers **rich**, **saturated color** and a **calibrated**, **camera-accurate white** from the same 1500W engine, with **CRI 98, TLCI 97**, and **R9 98** for natural skin tones under any camera.



ONE ENGINE, TWO LANGUAGES
A dedicated internal algorithm lets CP OMNIA L's engine behave like a conventional white-source fixture with **CMY** and **CTO** — clone it into an existing show file and it responds the way your operators expect. When the show needs more, the full multispectral palette is one click away. Nothing to relearn, nothing held back.

BROADCAST-GRADE COLOR, STAGE-GRADE OUTPUT
Five selectable noise presets and a smooth, high-resolution 24-bit dimmer with 5 curves make CP OMNIA L **quiet** and **flicker-free** enough for a TV studio or a corporate set, while still delivering over **40,000 lm** and **41,500 lu**x at 10 meters for top-tier touring. Electronic color changes, backed by a mechanical color wheel and a TINT channel, give an extremely fast, clean color snap on camera and in the room.

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PROFILE PRECISION, FOLLOW-SPOT READY

A 16-bit, 4-blade framing system with built-in macros and a Total Curtain blackout effect, a 16-blade iris, two rotating gobo wheels, two rotating prisms, and an animation wheel give CP OMNIA L the shaping precision of a profile fixture. **Go-Bright** gobo coating keeps the calibrated white true in every gobo look, with no color shift. An **interchangeable Fresnel lens** adds a true soft-edge wash, and a **built-in camera connection** with beam reducer and **optional NDI accessory** turns CP OMNIA L into a follow-spot system that works with existing tracking setups.

BUILT FOR ANY STAGE

With full **IP66** protection, **DewOut dehumidification**, next-gen **Sun Safe Protection**, and a **Tilt safety brake**, CP OMNIA L takes camera-grade output anywhere the show goes, outdoor broadcasts included. **DewOut**'s self-regenerating silica cartridge keeps the interior dry automatically, and the rechargeable **Smart Battery Platform** keeps Sun Safe active and firmware updatable even with the fixture powered off. NFC/Bluetooth setup via the **MyClaypaky App** works without power, and the connectivity board is already designed for the EU's 2027 Cyber Resilience Act.

CP OMNIA L answers a question touring light never had to ask: why should a fixture choose between looking right in the venue and looking right on camera? It no longer has to.

For rental companies and dry hire operators, CP OMNIA L adds a **broadcast-ready keylight** to the fleet without a second rig: one fixture for **touring**, **TV studios**, and **corporate AV**, with IP66 removing the cost of domes and housings.

For lighting designers and specifiers working across touring, broadcast, and film, it delivers a **camera-accurate white** and **deep saturated color** from the same engine, and **CMY/CTO emulation** that drops straight into an existing show file.

Ready to see the **Game Changer** on camera? Contact your Claypaky representative today and book a live demo of CP OMNIA L.



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MAIN FEATURES

- Light source: custom 1500W RGBAMC engine (6000K native at full)
- Output: >40,000 lm
- Illuminance: 41,500 lux at 10 m, narrow beam
- 210 mm (8.26 in) front lens, triple-glass system
- Zoom range: 3.5°–51°, fast zoom mechanism
- Color rendering: CRI 98, TLCI 97, R9 98
- Linear CTO 1,800K–10,000K (16-bit) + TINT channel
- RGBAMC multispectral mixing with CMY/CTO emulation mode
- 2 rotating gobo wheels
- 6-slot color wheel (5 colors+1 open)
- 2 frost filters (heavy & light)
- 2 rotating prisms (4-facet linear + 4-facet circular)
- 16-blade iris
- Aluminum animation wheel
- Go-Bright gobo coating: no light loss or color shift when a gobo enters the beam
- Interchangeable Fresnel lens for true soft-edge wash (optional)
- Framing: 16-bit, 4-blade framing system with built-in macros; Total Curtain blackout effect
- Dimmer/strobe: 24-bit electronic dimmer, 5 curves; high-speed electronic strobe
- DewOut active dehumidification system (self-regenerating silica cartridge)
- 540° Pan and 270° Tilt range with mechanical lock, Tilt safety brake
- Sun Safe Protection with brake system (power off), powered by the Smart Battery Platform
- Built-in camera connection with beam reducer; NDI camera available as an accessory (follow-spot ready);
- Fail-safe Ethernet IN/OUT pass-through
- Firmware upload via webserver, CloudIO, Bluetooth, from another fixture, or with power off via the Smart Battery Platform
- Control protocols: DMX, Art-Net, RDM, sACN, wireless DMX (CRMX / TIMO FX), internal webserver
- Five selectable noise presets (Full, Auto, Medium, Silent, Ultra Silent)
- 3 user-selectable modes
- NFC/Bluetooth setup via the MyClaypaky App (iOS & Android) — works without power
- EyeLid rubber bumper for front lens protection
- Max power consumption: 1950W
- Weight: 48,8 kg (107.6 lbs)
- Max height: 822 mm (32.4 in), with vertical head
- IP66 grade protection rating (Shield Family)

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