

## KL Fresnel 8 FC PO™

**The KL Fresnel 8 FC PO™ is a pole operable, full-color spectrum LED Fresnel light that provides high output, precise color temperature control, full spectrum color rendering and even wash coverage.**

The luminaire shall be a pole operable, full-color spectrum LED luminaire with a 500W RGBMA 6,500K LED engine. The luminaire shall be pole operable to allow for easy pan, tilt and zoom adjustments. It shall operate silently and flicker-free with an average LED life of 50,000 hours. The luminaire shall be capable of emitting 18,000+ total lumens and have a CRI of 94.5 and TLCI of 94. Variable CCT adjustment from 2,400K - 8,500K shall be possible. The luminaire shall contain a 10° - 50° motorized zoom with a beam angle of 10.4° - 50.8° and field angle of 20.6° - 66.1°. A green-magenta shift adjustment, virtual gel library and CMY emulation shall be included. Full range dimming, color and zoom shall be manually or DMX controllable. The luminaire shall come with adjustable and removable 8-leaf barn doors and include a gel frame holder and Junior Pin (28mm). The luminaire shall include a high-speed strobe, be capable of 0-100% dimming and include 16-bit variable dimming curves. Operation via DMX and RDM protocols shall be possible and the luminaire shall include a 4-button and dial control panel with LCD menu display. Stand-alone operation shall be possible via an encoder and the LED display. LED refresh rate shall be adjustable up to 25,000Hz. 3-pin and 5-pin DMX In/Out and IP65 locking power cable In/Out shall be included. Max power consumption shall be 522W and a multi-voltage universal auto switching power supply shall be included. The unit shall measure 383.5mm x 334.85mm x 498mm (LxWxH) and weigh 13.0 kg.