

KL Panel™

The KL Panel™ is a full-color, broadcast-quality softlight LED luminaire optimized for the color temperature-adjustable requirements of film and television. It is an ideal key and fill light source for any situation requiring outstanding performance and color quality.

The luminaire shall be a soft light LED luminaire with a 295W RGBW + Lime + Cyan LED array with an average LED life of 50,000 hours. It shall operate flicker-free and have smooth flicker-free dimming (0-100%) with variable 16-bit selectable dimming curve modes. The luminaire shall be capable of emitting 24,000 total lumens and emit light at a 100° half-peak angle (with diffuser). The unit shall have a CRI over 95 and be color temperature adjustable from 2,000K – 10,000K. Additional color tuning shall be possible via a green-shift adjustment and virtual gel library. Adjustable and removable 8-leaf barn doors must be included for customized shaping of the beam. A high-speed electronic shutter and strobe shall be included. LED refresh rate shall be adjustable from 900-25kHz and the luminaire shall include an internal E-FLY™ wireless DMX transceiver. The luminaire shall be controllable via DMX, RDM, Art-NET and sACN protocols and include locking 5-pin XLR In/Out DMX In/Out, and locking IP65 power In/Out connections, as well as a 4-pin XLR external battery connection (battery not included). It shall be outfitted with a wired digital communication network and USB firmware service port. A 4-button touch control panel, 3 manual adjustment encoders and OLED menu display shall be included. Max power consumption shall be 295W and a multi-voltage universal auto switching power supply shall be included. It shall measure 528mm x 140mm x 310mm (LxWxH) and weigh 13 kg.