

OKSALIS FL10 - FL20

FL10 code AL2010 / FL20 code AL2020



The LED Flood Light for Theatre providing Total Control over White and Colored Light OKSALIS is a LED washlight which provides total control over the quality of all forms of white or colored light. The new HighColorRendering technology used in the OKSALIS is an exclusive electronic platform developed by Osram for ADB, to meet the needs of lighting designers who were not fully satisfied with the performance of LED devices in comparison with traditional lamps. The heart of the Oksalis washlight is a LED light module consisting of six chips, each for a different color: besides the three "classic" basic Red, Green and Blue colors, ADB added Amber, Cyan and Lime. This exclusive device provides a very wide color range with extraordinary color spectrum coverage. Along side the LED-light-source heart of this system is its brain: the brand new sophisticated software algorithm that controls its functions. The light produced by the OKSALIS has a CRI that reaches values that have never been achieved before by LEDs: the typical CRI value is 97, up to 99. These values were previously only possible with traditional technology. The OKSALIS is suitable for use in all professional fields of application, where great brightness, a wide range of colors, and a high CRI are particularly appreciated. In fact, the OKSALIS can be used in theatres, television studios, showrooms and exhibitions.

MAIN FEATURES

- Color control: RAW mode, HSL mode, RGB mode, CMY mode.
- Dedicated color Macro channel.
- Software algorithm by Osram.
- Electronic linear dimmer, 16 bit.
- Protocols/Functions: DMX, RDM, Web Server and ArtNet.
- Gamma Wave: Different chromatic curves for each color.
- Strobe 24 flash/sec, variable speed pulsation.
- Firmware update: Software upload through DMX input.
- Menu-driven internal self-test function.
- Electronic check-up of every single parameter with error alarm.
- DMX level monitoring on each channel Automatic internal data transmission error diagnostics.
- Firmware upgrade with no power.
- Firmware transfer from one light to another.

ELECTRICAL SPECS

- Power supply: Electronic auto-ranging.
- Input Voltage range: AC 100-240V, 50/60Hz.
- Input power:
FL10: 300VA @230Vac,
FL20: 500VA @230Vac.
- Units daisy chain (max):
FL10: 5 units - 1500VA,
FL20: 3 units - 1500VA.

POWER CONNECTION

- Power Input/Output: Neutrik® PowerConTrue™.

MECHANICAL SPECS

- LCD display.
- Optional frame for external gels and frost filters / Optional top hat.
- Structure in aluminum with die-cast plastic cover.
- Weight: **FL10** (12Kg) – **FL20** (17Kg)
- Cooling System: forced ventilation with axial fan.
- Bipolar circuit breaker with thermal protection.
- Automatic break in power supply in case of overheating.
- Max noise level:
FL10 34.5 dB(A) @ 1m,
FL20 35 dB(A) @ 1m.
- IP protection: IP20.
- Cable (bare wires) length: 1.5 m.
- Long life self-charging buffer battery.

OPERATIONAL SPECS

- Minimum distance to illuminated surface: 0.20 m.
- Ambient temperature: Max +40°C.
- Max surface temperature: 90°C.

DATA CONNECTION

- Control protocols: DMX512 / RDM / ArtNET3.
- Data IN connector: Neutrik® 3 and 5 pins XLR.
- Data OUT connector: Neutrik® 3 and 5 pins XLR.
- Ethernet connector: Neutrik® EtherCon™.

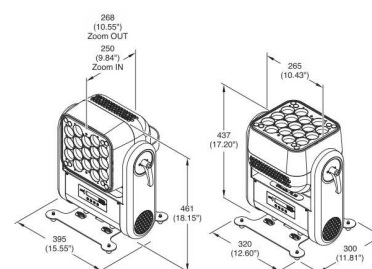
APPROVALS

- CE / ETL.

OPTICAL SPECS

- Light sources: 32 LED modules (FL20), 17 LED modules (FL10)
- 6-color LED module: RGB + Amber + Cyan + Lime.
- Rated LED module average lifetime: 50,000h.
- Total lumen output: 8500 lumen (FL20); 4250 lumen (FL10).
- Typical CRI value: 97, up to 99
- 2500K-8000K color temperature correction.
- Totally flicker free.
- Halo Emulation 750W, 1000W, 1200W, 2000W, 2500W lamp emulation.
- 6°- 50° linear ELECTRONIC zoom.

DIMENSIONS FL10



FL20

