



Technical Specification

PhotoFluor® II

- Size: 21.6 cm (8.5 inches) H x 14.0 cm (5.5 inches) W x 36.8 cm (14.5 inches) D
- Weight: 5.45 kg (12lbs.)
- Operating mode: continuous
- Water protection: IPX0
- Main cable: 10 A/250 V; Jack IEC 320/C13
- Power supply: 100-240 V, 50/60 Hz, 3.15 A; remote On/Off

SOFT OFF' button on keypad deactivates lamp to save power and bulb life. Electronics remain in low power standby mode.

- Fuse: T3.15A 250V
- Keypad: Five button control

Liquid Light Guide

- Length: 2 M (6.5 feet)
- Core: 5 mm or 3 mm (modular)

Lamp

- Type: 200 W Ushio EmArc SMR200 D1
- Output: Approx. 20 W with 5 mm core, 12 W with 3 mm core

Filter Wheel

- Mode: Motorized operation
- Contents: Attenuation screens, can accept heat tolerant excitation filters
- Motorized shutter: Approx 250 ms response time

Display and Safety features

- Clear display of lamp time, filter wheel position
- Automatic system diagnostics
- Resettable lamp counter with warnings
- Four line by 20 character display (dimnable)
- Safety interlocks, output light blocked in absence of light guide
- Over temperature protection with software warnings and hardware shutdown

Serial Connection

- Via binary or ASCII commands.

Ambient conditions for operation

- Temperature: 10° to 25°C (50° to 77°F)
- Rel. humidity: 30% to 75%
- Air pressure: 700 hPa to 1060 hPa

