

TECHNICAL CHARACTERISTICS

The three BIOPTRON device types, BIOPTRON Compact III, BIOPTRON Pro 1 and BIOPTRON 2 differ in size, design and setting, but feature identical physical light characteristics. They currently used by medical professionals in hospitals and private surgeries as well as by home-users and patients themselves. The different types are all available with either a floor or table stand, guaranteeing a 'best fit' solution for individual needs.



**BIOPTRON
Compact III**



**BIOPTRON Pro 1
with table stand**



BIOPTRON 2

Not authorized for sale in U.S.

Filter diameter approx.

| | |
|------------------------|-------|
| - BIOPTRON Compact III | 4 cm |
| - BIOPTRON Pro 1 | 11 cm |
| - BIOPTRON 2 | 15 cm |

Power supply

| | |
|------------------------|-----------------------|
| - BIOPTRON Compact III | 100-230 V~, 50 /60 Hz |
| - BIOPTRON Pro 1 | 100-240 V~, 50 /60 Hz |
| - BIOPTRON 2 | 100-240 V~, 50 /60 Hz |

Power consumption

| | |
|------------------------|-----------|
| - BIOPTRON Compact III | 56 VA |
| - BIOPTRON Pro 1 | 160 VA |
| - BIOPTRON 2 | 1.4-1.0 A |

Fuse

| | |
|------------------------|-----------|
| - BIOPTRON Compact III | - |
| - BIOPTRON Pro 1 | - |
| - BIOPTRON 2 | T2A/250 V |

Rated power of halogen

| | |
|------------------------|------|
| - BIOPTRON Compact III | 20 W |
| - BIOPTRON Pro 1 | 50 W |
| - BIOPTRON 2 | 90 W |

Protective class

| | |
|------------------------|---|
| - BIOPTRON Compact III | Class II <input type="checkbox"/> IP 20 |
| - BIOPTRON Pro 1 | Class II <input type="checkbox"/> IP 20 |
| - BIOPTRON 2 | Class I, IP 20 |

Weight

| | |
|-------------------------------------|--------|
| - BIOPTRON Compact III | 0.5 kg |
| - BIOPTRON Pro 1 (with table stand) | 3.4 kg |
| - BIOPTRON Pro 1 (with floor stand) | 7.8 kg |
| - BIOPTRON 2 | 4.3 kg |

Ambient temperatures

| | |
|-------------|------------------|
| - Operation | +10 °C to +40 °C |
| - Storage | -30 °C to +45 °C |

Wavelength 480-3400 nm

Degree of polarisation >95% (590-1550 nm)

Specific power density av. 40 mW/cm²

Light energy per minute av. 2.4 Joule/cm²

CE labelling 

EXTEND
YOUR SPECTRUM OF CARE



BIOPTRON 
LIGHT THERAPY SYSTEM by Zappal Group

LEADERS IN LIGHT THERAPY

