

TECHNICAL DATA SHEET

FOTOVITA



FOTOVITA FV 10 S

PHOTOTHERAPY LAMP

HOW DOES THE PHOTOTHERAPY LAMP WORK?

Sunlight or artificial light with similar parameters is the most powerful external factor regulating the internal human biological rhythms such as sleep and waking, circadian oscillations in the body temperature, and circadian rhythm of the secretion of certain hormones. If the abovementioned rhythms are disrupted, people fall ill. Therapy using bright light synchronizes internal biological rhythms and allows for recovery. The illnesses- due to the disruption of internal human biological rhythms- which may be treated this way are: seasonal affective disorder, sleep disorders related to delaying or hastening sleep, sleep disorders related to shift work, and jet lag syndrome.

TECHNICAL DATA:

Supply voltage	230 V, 50 Hz
Power consumption	80 W
Illuminance	3 200 lx 50 cm from the screen 1 800 lx 75 cm from the screen
The working lifetime of fluorescent lamps	10 000 hours
Emitted light color temperature	5 000 K
Color rendering index	RA>90
Class of protection against electric shock	I
Ingress Protection Code	IP 20
Class for the medical environment	B - home
Group according to PN-EN 55011 Clause 5	1
Overall dimensions (L x W x H)	285 x 195 x 525 mm
Total lamp mass	2.8 kg
Power cord length	3 m, ended with the socket plug
Casing material	white powder lacquered metal sheet
Screen material	PMMA
Mounting type	on tabletop
Switch on/off	built-in lamp body
Declaration of conformity	yes
User's manual English version	yes