Tende CareBlue
LPT-240-2

www.tende.com.tr
LED Phototherapy unit, designed for infants
- Applicable with baby incubators, open beds, warmers and bassinets
- High density light power with fanless LED technology
- Easy to use, user interface with colorful touch screen (TFT)
- Changeable screen angle
- Quick treatment start and stop
- Programmable treatment duration and resetting
- 5 levels of light intensity
- Single touch for high (max) density treatment (optional)
- Targeting feature (red light)
- Turkish / English language options
- LED life time counter (0-99999)
- Easy to use pneumatic height adjustment
- End of treatment warning and auto stop
- Horizontal angle adjustment (360°)
- Durable, reliable, sophisticated base unit
- Low energy consumption
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Features

**Light Source**
- **Light Source**: Blue LED (24 pos, super bright LED)
- **Wavelength**: 460nm (+/- %2)
- **Max. Light Intensity (40 cm)**: 120 µW/cm²/m (+- %10)
- **Min. Light Intensity (40 cm)**: 33 µW/cm²/m (+- %15)
- **Effective Area (40 cm)**: 45cm x 25cm
- **LED Life Time**: At Max. Level > 20,000 hrs.

**Electrical**
- **Operating Voltage**: ~ 80 - 264 VAC 50 / 60 Hz (MDD Class/Safety)
- **Power Consumption**: 80 VA, 45W

**Environmental**
- **Operating Temperature**: 15 - 40 C
- **Operating R. Humidity**: < 90%
- **Storage Temperature**: -20 - +50 C
- **Storage R. Humidity**: < 90%

**General**
- **LCD Graphic Display**: 4.3" colorful TFT touch screen
- **Dimensions L W H (Teraphy Module)**: ~ 52.2 X 20.6 X 9.3 cm
- **Casters**: 2/3 with brakes
- **Height Adjustment Level**: 110cm - 154cm (up/down, +/-%2)
- **Tilt Adjustment (with stand unit)**: Yes
- **Caster Height**: ~ 6.3 cm
- **Weight**: ~ 2.5 Kg (8.2 Kg with stand unit) +/- 1%

**Application**
- **Treatment Time Set**: Yes (hours and minute adjustable nnn:mm)
- **Visual Alarms**: Yes
- **Audible Alarms**: Yes (optional)
- **Light Intensity**: 5 Levels
- **Data and Time Display**: Yes
- **LED Life Counter**: Yes (individual level and total LED counters)
- **Body Skin Temperature**: Yes (optional)

**Medical Devices Directives (MDD)**
- **Manufacturer MDD Conformity**: Class Ib - Production Quality Assurance
- **Equipment Conformity**: TS EN60601-1, EN60601-1-2, EN60601-2-50

CE 1984
MDD 93/42/EEC Annex 2 / Sec.3
ISO 13485 : 2003
ISO 9001 : 2008

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