



Tende CareBlue

LPT-240-2

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- 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 pcs, super bright LED)
Wavelength	460nm (+/- %2)
Max. Light Intensity (40 cm)	120 $\mu\text{w}/\text{cm}^2/\text{nm}$ (+/- %10)
Min. Light Intensity (40 cm)	33 $\mu\text{w}/\text{cm}^2/\text{nm}$ (+/- %10)
Effective Area (40 cm)	45cm x 20cm
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 (Therapy Module)	~ 52.2 X 20.6 X 9.3 cm
Casters	2/3 with breaks
Height Adjustment Level (optional changeable)	110cm - 154cm (up/down, +/- %2)
Tilt Adjustment (with stand unit)	Yes
Caster Height	~ 6.3 cm
Weight	~ 2.5 Kg (9,2 Kg with stand unit) +/- %1

Application

Treatment Time Set	Yes (hours and minute adjustable hhh:mm)
Visual Alarms	Yes
Audible Alarms	Yes (optional)
Light Intensity	5 Levels
Date and Time Display	Yes
LED Life Counter	Yes (individual level and total LED counters)
Baby Skin Temperature	Yes (optional)

Medical Devices Directives (MDD)

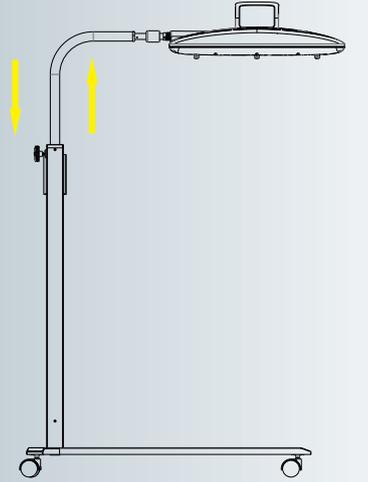
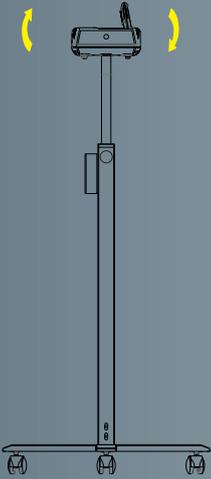
Manufacturer MDD Conformity	Class IIb - Production Quality Assurance
Manufacturer Quality System	ISO 9001 : 2008, ISO 13485 : 2003
Equipment Conformity	TS EN60601-1, EN60601-1-2, EN60601-2-50

CE 1984

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

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