

Colibri   
phototherapy

LifeKit by **MTTS**



**PHILIPS**  
LED

CE 2265

# COLIBRI

An **LED phototherapy** device for effective treatment of **neonatal jaundice** with optional 2-hour battery back up



## Overview

- user selectable "standard" and "intensive" modes
- used with premature and full term neonates
- compatible with any radiant warmer, infant bed or incubator available on the market
- no moving parts, no internal fans

## LED Lights

- optimal light spectrum for treatment of jaundice
- height adjustment maximizes skin surface area exposure

## Power Supply

- medical-grade power supply
- 3 prong connection for safe electric grounding (Class I)
- fuse for electrical protection
- optional 2h battery back up

## Controls

- on/off button
- control button to toggle between normal and intensive mode

## Displays/Indicators

- bright, 'across the room' readable LED display
- treatment time counter
- total system time counter (lifetime)
- total intensive mode system time counter (lifetime)
- standard/intensive mode indicator

## Stand

- adjustable height (115-140cm from the light source) to suit different bed heights
- durable caster wheels with locks



## Dimensions and Weight

|                              |                            |
|------------------------------|----------------------------|
| Unit dimensions (max height) | 69.5 cm x 60.2 cm x 155 cm |
| Shipping (boxed) dimensions  | 26 cm x 65 cm x 108 cm     |
| Height Adjustment            | 25 cm                      |
| Net Weight                   | 16.0 kg                    |
| Shipping Weight              | 23.5 kg                    |

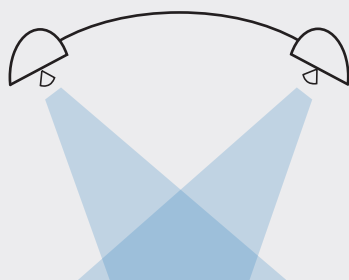
## Performance Specifications

|                             |                                                                                                                                                             |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Peak wavelength             | 440 to 460 nm                                                                                                                                               |
| Light Spectrum Peak         | 455 nm                                                                                                                                                      |
| Lamp duration               | 60,000 hours                                                                                                                                                |
| Effective surface area      | 50 cm x 30 cm                                                                                                                                               |
| Total spectral irradiance   | Standard mode: $37.0 \mu\text{W} \cdot \text{cm}^{-2} \cdot \text{nm}^{-1}$<br>Intensive mode: $53.0 \mu\text{W} \cdot \text{cm}^{-2} \cdot \text{nm}^{-1}$ |
| Relative local distribution | Standard mode: 0.59 (IEC compliant > 0.4)<br>Intensive mode: 0.60 (IEC compliant > 0.4)                                                                     |

## Requirements

|                       |                                                                      |
|-----------------------|----------------------------------------------------------------------|
| Power characteristics | 60W, 100-240VAC, 47-63Hz                                             |
| Agency Requirements   | ISO 13485: 2016<br>EN 60601-1:2006/AC2010<br>EN IEC 60601-2-50: 2003 |

Colibri unique angled design feature ensures maximum skin coverage



A cross section of Colibri shows the Philips LUXEON high-powered LEDs are positioned so that the patient receives effective phototherapy on 75% of the skin surface.

## Ordering Information and Servicing

|                   |                  |                        |
|-------------------|------------------|------------------------|
| MAIN UNIT         | ITEM ORDER NO    |                        |
| Colibri PT Unit   | CL1-1000         | Main Unit              |
| OPTIONAL ITEMS    | ITEM ORDER NO    |                        |
| Eye Patch         | YPT-1013         | Size: adjustable       |
| Battery Back up   | CL1-1020         | Internal - 2h          |
| Lightmeter        | LM-800           |                        |
| User Manual       | CL1-1031/2/3/4/5 | EN, VN, FR, SP, RU     |
| WARRANTY          |                  |                        |
| Standard Warranty | 1 year           | Subject to MTTS policy |

**MTTS**

MEDICAL TECHNOLOGY TRANSFER AND SERVICES Co., LTD  
ISO 13485: 2016 Certified Company

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