

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)	60 cm x 55 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

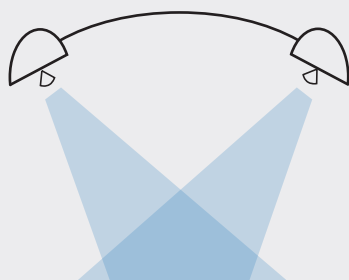
## Performance Specifications

Peak wavelength	445 to 465 nm
Light Spectrum Peak	455 nm
Lamp duration	60,000 hours
Effective surface area	50 cm x 30 cm
Average spectral irradiance	Standard mode: $33.0 \mu\text{W} \cdot \text{cm}^{-2} \cdot \text{nm}^{-1}$ Intensive mode: $57.6 \mu\text{W} \cdot \text{cm}^{-2} \cdot \text{nm}^{-1}$
Irradiance uniformity ratio	Standard mode: 0.59 (IEC compliant --> 0.4) Intensive mode: 0.58 (IEC compliant --> 0.4)

## Requirements

Power characteristics	60W, 100-240VAC, 47-63Hz
Agency Requirements	ISO 13485: 2016 EN 60601-1:2006/AC2010 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
ACCESSORIES	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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