

Colibri   
phototherapy

LifeKit by **MTTS**



**PHILIPS**  
LED

**CE** 2265

# COLIBRI

An **LED phototherapy** device for effective treatment of **neonatal jaundice** with up to 12 hours 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 or 12h 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

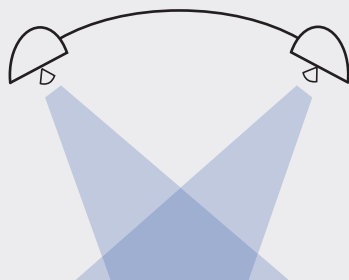
## Performance Specifications

Peak wavelength	445 to 465 nm
Light Spectrum Peak	455 nm
Lamp duration	44,000 hours at maximum temperature
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 Requirements	Voltage: 220V AC 10% Frequency: 47 - 63 Hz Wattage: 40W
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 (S)	YPT-1010	Size: Small
Eye Patch (M)	YPT-1011	Size: Medium
Eye Patch (L)	YPT-1012	Size: Large
Battery Back up	CL1-1020	Internal - 2h
Lightmeter	BLM-1000	
User Manual	CL1-1031/2/3/4	EN, VN, FR, SP
WARRANTY		
Standard Warranty	1 year	Subject to MTTs policy

# MTTS

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

For more information or to place an order please contact us at:

@ info@mtts-asia.com

www http://mtts-asia.com

+84 24 37 666 521

No 26, Lane 41 An Duong Vuong Street  
Phu Thuong Ward, Tay Ho District  
Hanoi, Vietnam

Distributor: