

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

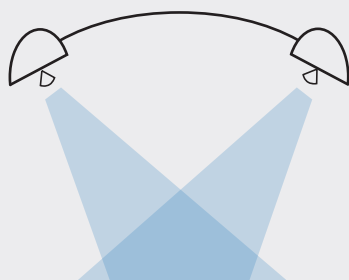
Performance Specifications

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: $28.0 \mu\text{W} \cdot \text{cm}^{-2} \cdot \text{nm}^{-1}$ Intensive mode: $40.6 \mu\text{W} \cdot \text{cm}^{-2} \cdot \text{nm}^{-1}$
Irradiance uniformity ratio	Standard mode: 0.59 (IEC compliant --> 0.4) Intensive mode: 0.60 (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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