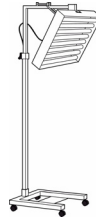


Specification



OLYMPIC BILI-LITE™ Models 33/34

Intended Use

The Olympic Bili-Lite Models 33/34 are a floorstand phototherapy lamps intended to provide therapeutic irradiance to treat neonatal hyperbilirubinemia.

Model 34: The Olympic Bili-Timer™ is intended to measure total phototherapy treatment time.

Irradiance

- Average at 20 in. (51 cm)**²
- Eight Type OB bulbs: 11.9 ±3.0 μW/cm²/nm
 - Eight Type BB bulbs: 22.4 ±5.6 μW/cm²/nm
- Maximum at 20 in. (51 cm)**²
- Eight Type OB bulbs: 13.8 ±3.5 μW/cm²/nm
 - Eight Type BB bulbs: 26.0 ±6.5 μW/cm²/nm

Note: Stated irradiance is measurement of new, burned-in bulbs with an Olympic Bili-Meter™.

Dimensions

Size

64.8-in. high x 26-in. wide x 25-in. deep
165-cm high x 66-cm wide x 63.5-cm deep

Weight

Model 33:	67 lb	30 kg
Model 34:	69 lb	31 kg

Height Adjustment*

43.3–59.3 in. 110–151 cm

*Distance from bottom of light hood to floor. With the hood tilt assembly installed, this distance is reduced 2 in. (5 cm).

Electrical

Power Requirements

- Voltage: 120V~
- Consumption: 3.0A
- Frequency (current): 60 ±5Hz

Ground Impedance

Does not exceed 0.13Ω

Fuses

3AB or Type ABC, 5A, normal blo, UL approved or equivalent

Bulbs

Nominal bulb life (for 75% of initial irradiance): 3,000 hours

Environmental

Operating Temperature

65–85°F 18–29°C

Shipping Temperature

-40–158°F -40–70°C

Storage Temperature

- Model 33: -40–158°F -40–70°C
- Model 34: -4–113°F -20–45°C

Relative Humidity (RH)

- Operating: 10–95%, non-condensing
- Shipping/Storage: 10–100%, condensing

Pressure

0.5–1.0 atm 500–1,600 hPa

Altitude (Maximum)

10,000 ft 3,000 m

OLYMPIC MEDICAL
a natus company
5900 First Avenue S • Seattle, WA 98108 USA
TEL +1 206-767-3500 • FAX +1 206-268-5106
www.OlympicMedical.com • www.natus.com

Noise

Maximum noise level: 50 dB(A)

Controls

Mains power switch changes device state on (I) and off (O)

Bili-Timer (Model 34)

- **POWER:** Turns Bili-Timer on (I) and off (O)
- **ZERO:** Resets the accumulated time to zero

Display

Hour meter (bulbs): 9,999.9 hours

External Connections

Hospital-grade power cord

Product and Accessories

Item	Catalog No.
Bili-Lite Model 33	51433
Bili-Lite Model 34 (includes Bili-Timer)	51434
Bili-Meter Model 22 with Type B-22 sensor	53822
Type B-22 sensor only	53860
Bili-Timer	55320
Bili-Timer mounting kit	55325
Tilt attachment	51415
Olympic Blue bulbs (Type OB), 20 watt	51418
Super Blue bulbs (Type BB), 20 watt	51413

Regulatory, Electrical Safety, and Classifications

- FDA II/80 LBI
- Health Canada Class 2
- CSA 22.2 No. 60601-1
- UL 60601
- IEC 60601-1-2 (2001)
- IEC 60601-2-50
- Electrical shock protection: Class 1 Equipment
- Ordinary Equipment (IPX0)
- Type B Equipment
- Not suitable for use in the presence of flammable anaesthetic mixtures with air, oxygen, or nitrous oxide

Service

Service can be performed by hospital technicians. Parts are often available on an overnight express basis.

Warranty

One-year warranty on parts. Excludes bulbs.

Electromagnetic Compatibility

The Bili-Lite and Bili-Timer comply with the requirements of IEC 60601-1-2 (2001).

Product Disposal

Disposal of the Bili-Lite does not require any special precautions. Dispose of according to your local disposal regulations. The bulbs contains mercury. Dispose of according to your local disposal regulations.

© 2007 Olympic Medical Corporation. All rights reserved.

Olympic Medical reserves the right to make changes without notice in design, specifications, and models. The only warranty Olympic Medical makes is the express written warranty extended on the sale or rental of its products.

51433-SPA-EN1115R