LED INFANT PHOTOTHERAPY LIGHT - trolley



Product Code	31192
Unit of sale	1 pc
Minimum order	1
Type	Medical device
Class	I

UK-REP	No
CH-REP	No

RDM (NSIS)	2570229
CND	Z129004
EAN/UPC	8023279311921

Description

LED INFANT PHOTOTHERAPY LIGHT - trolley

LED infant phototherapy light ideal for treating neonatal jaundice which consists in skin yellowing as a result of elevated levels of bilirubin in the blood.
If untreated, severe jaundice can lead to brain damage, hearing loss and even death.
Blue light irradiation (phototherapy) is a simple, effective and quick treatment for hyperbilirubinemia.
It lowers bilirubin levels through a process called photo-oxidation which adds oxygen to bilirubin, facilitating its dissolution in water.

Technical Specifications

Light source: blue LED, white LED
LED life: 50,000 hours
LEDs quantity: 48 (24 blue, 24 white)
Time range: 10-60 mins
Radiant wavelength: 400-500 nm
Peak of wavelength: 452-455 nm
Effective area: 300x500 mm
Irridiance control: 5 levels
Ebi uniformity: >0.4
Power supply: AC110V~240V 50/60Hz
Input power: 55VA

5 LEVEL IRRIDIANCE CONTROL

Performance at 35 cm (Level 1; Level 2; Level 3; Level 4; Level 5)
Spectral irridiance intensity: 40; 51; 58; 73; 83
Ebi max: 2700; 3300; 3700; 4600; 5100

Performance at 50 cm (Level 1; Level 2; Level 3; Level 4; Level 5)
Spectral irridiance intensity: 29; 35; 38; 52; 60
Ebi max: 1800; 2200; 2400; 3200; 3700