LC-122 A

A Single Source for Maximum Protocol Flexibility for PDT

- **The Affordable PhotoDynamic Therapy Activation Method**
- **Total Protocol Flexibility ANY Frequency (400nm - 800nm)**
- **Capable of Performing Fluorescent Diagnostics**
- **Utilize PDT Procedures in Clinician or Practitioner Office**
- **The Low Cost Replacement for LED Arrays and Laser Activation**
- **CE Approved**

Single Solution

The LumaCare LC-122 is making Phototherapeutic and Photodynamic Therapy (PDT) an affordable and practical treatment methodology. This single device can produce the entire spectrum of visible light. Multiple protocols can now be activated by one LC-122, eliminating the high cost of lasers or the need for multiple LED arrays.

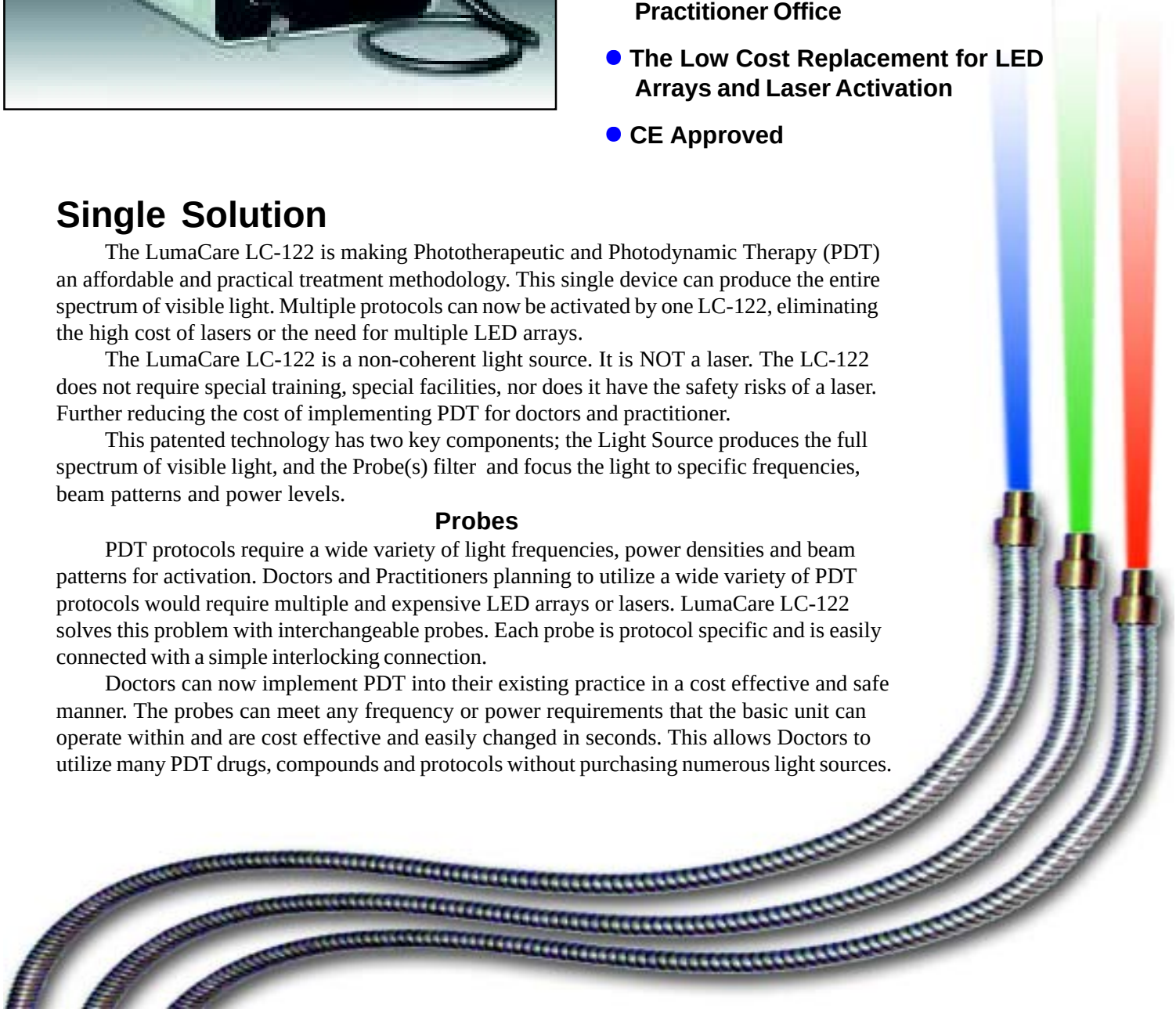
The LumaCare LC-122 is a non-coherent light source. It is NOT a laser. The LC-122 does not require special training, special facilities, nor does it have the safety risks of a laser. Further reducing the cost of implementing PDT for doctors and practitioner.

This patented technology has two key components; the Light Source produces the full spectrum of visible light, and the Probe(s) filter and focus the light to specific frequencies, beam patterns and power levels.

Probes

PDT protocols require a wide variety of light frequencies, power densities and beam patterns for activation. Doctors and Practitioners planning to utilize a wide variety of PDT protocols would require multiple and expensive LED arrays or lasers. LumaCare LC-122 solves this problem with interchangeable probes. Each probe is protocol specific and is easily connected with a simple interlocking connection.

Doctors can now implement PDT into their existing practice in a cost effective and safe manner. The probes can meet any frequency or power requirements that the basic unit can operate within and are cost effective and easily changed in seconds. This allows Doctors to utilize many PDT drugs, compounds and protocols without purchasing numerous light sources.



The Light Source

The Light Source is simple, consisting of the non-coherent light source capable of producing almost the entire spectrum of visible light. Having the entire visible light spectrum available allows the LC -122 to produce almost any frequency of light for a wide variety of PDT protocols.

The LC-122 is compact, lightweight, and portable. The LC-122 can be taken to multiple treatment rooms and increase the number of patients treated.

The LC-122 is the only Light source you need for your entire PDT practice!

LumaCare LC122 Clinical Functionality for All Phototherapeutic Applications

One device delivers the full spectrum of visible light. Doctors and Practitioners can utilize a single device to activate multiple PDT protocols.

LumaCare Approved Treatments:	Acne; Actinic Keratoses (AK); Basal Cell Carcinoma (BCC) Psoriasis; Pain Therapy Wound Healing & Cosmetic Applications
LumaCare Approved Direct Replacement for:	Aktilite™ All models); Clearlight™ (all models); Diomed (all PDT lasers); DUSA Blu-U™ ; Lightwave deluxe and Omnilux™
LumaCare Approved Drug Protocols requiring:	ALA; 5-ALA; Levulan™; Metvix™; Photofrin™; Visudune™, & many others

LumaCare is a patented medical device covered by one or more of the following USA and International Patents: 5,849,027, 6,187,030, EPO# 98956520

Specifications

Voltage:	85VAC - 265VAC
Current:	3.2A@110VAC 1.6 A @ 220VAC
Frequency:	48 - 65 Hz
Fuses:	Replaceable
Cooling:	Forced Air Cooling ~50 m³/hr.
Lamp type:	Specially Designed Quartz Halogen (mixed) Lamp
Operating Temperature:	+10 to + 40 °C
Storage Temperature:	-30 to + 60 °C
Relative Humidity:	5% - to 95%

USA Distribution

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