

DERMATOLOGY

LIGHT

Series

Multiple wavelengths for the most challenging laser applications



AESTHETIC MEDICINE

Model	Light A	Light B (i)		Light C (i)			Light 4V			
Laser	Alexandrite	Nd:YAG (i)		Nd:YAG (i)			Alexandrite	Nd:YAG (iii)		
Wavelength (nm)	755	1064 long	1064 short	1064 long	1064 short	532	755	1064 long	532	1320 (i)
Pulse width (ms)	up to 100	up to 300	up to 0,8	up to 300	up to 0,8	up to 25	up to 100	up to 300	up to 25	up to 10
Repetition rate (Hz)	up to 2	up to 2	up to 7	up to 2	up to 7	1	up to 2	up to 2	1	up to 5
Spot size (mm)	up to 16	up to 12	up to 10	up to 12	up to 10	up to 6	up to 16	up to 12	up to 6	up to 8
Fluence (J/cm ²)	up to 22@14 mm	up to 500	up to 40	up to 300	up to 40	up to 95	up to 22@14 mm	up to 500	up to 95	up to 35
Skin Cooler	Optional (ii)									
Electrical requirement	220 - 230 V; 16 A; 50-60 Hz									
Cooling system	Internal, self contained									
Dimension and weight	900 x 480 x 930 mm ³ ; 85-90 Kg									

(i) Optional - 1320 nm wavelength available on request
 (ii) Contact or air
 (iii) Short pulse Yag version available

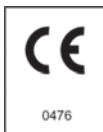
Model	Light A* (iii)		IPL extension for Light A Plus and Light B Plus						
Laser	Alexandrite	Nd:YAG		IPL handpieces					
Wavelength (nm)	755	1064 long	1320 (i)	650-1200	625-1200	590-1200	570-1200	550-950	400-1200
Pulse width (ms)	up to 100	up to 300	up to 10	5 - 240					
Repetition rate (Hz)	up to 2	up to 2	up to 5	0,5	0,5	0,5	0,5	0,5	0,5
Spot size (mm)	up to 16	up to 12	up to 8	13x48 or 13x25 mm ²					
Fluence (J/cm ²)	up to 22@14 mm	up to 500	up to 35	up to 30 @ 13x48 ; up to 35 @ 13x25					
Skin Cooler	Optional (ii)								
Electrical requirement	220 - 230 V; 16 A; 50-60 Hz								
Cooling system	Internal, self contained								
Dimension and weight	900 x 480 x 930 mm ³ ; 85-90 Kg								

(i) Optional - 1320 nm wavelength available on request
 (ii) Contact or air
 (iii) Short pulse Yag version available

Quanta System's products are manufactured according to the International standards and have been cleared by the most important International notified bodies. The Company is UNI EN ISO 9001:2000 and UNI EN ISO 13485:2004 certified. Quanta System S.p.A. was founded in 1985 and belongs to the El.En Group (a public company listed on the Tech-Star segment of the Italian Stock Exchange) since January 2004. The company, divided into three business units (scientific, industrial and medical) is specialized in lasers and opto-electronic devices.

UNI EN ISO 13485:2004
 UNI EN ISO 9001:2000

Specifications are subject to change without notice.



Distributor

DERMATOLOGY

LIGHT

Series

Clinic in a System[®]
 Dermatology Platform



AESTHETIC MEDICINE

Multiple wavelengths for the most challenging laser applications

The new Light Laser Series is the latest multifunctional platform introduced by Quanta System on the market. The Platform is based on the combination of different laser sources, such as a long pulse Alexandrite (755 nm) and long pulse Nd:Yag working at 1320, 1064 and 532 nm. Light series has been developed to satisfy the needs of doctors and clinics, which today can perform a wide range of dermatologic and aesthetic applications by using just one system, instead of purchasing different lasers.

The New Light Laser Series always works with the ideal wavelength and spot size, to obtain faster and greater results.



APPLICATIONS:

- Hair Removal
- Vascular lesions like PWS (Port Wine Stains), leg and face telangiectasias, matting
- Pigmented lesions
- Post acne and atrophic scars
- Skin rejuvenation and tightening
- Wrinkles
- Acne treatments
- Keloids

NEW

DERMATOLOGY

LIGHT Choose your solution according to your needs

Series

Multiple wavelengths for the most challenging laser applications

The large variety of available handpieces, with different variable and fixed spot sizes, gives the possibility to perform quick treatments by choosing the ideal fluence. The laser emission parameters can be easily set allowing effective treatments of any skin type.



Up to 16 mm variable spot size handpiece (optional)

Systems are characterized by the best technology available today. The skin's natural chromophores are selectively targeted by the ideal wavelength and pulse duration. The combination of multiple technologies "all into one unit" does not affect the performances of the NEW Light Series. Each laser performance is, in fact, at the top, when compared to market standards and benchmarks. Due to its modularity and flexibility, the NEW Light Laser Series allows a quick pay-back of the investment.



Optional integrated skin cooler

Light Series can be equipped with an additional integrated IPL system which uses the newest generation of the pulse light technology, enhancing flexibility and versatility.

Choose your ideal Light Laser solution

Light A

Alexandrite (755 nm) long pulse laser

Applications:

- The best hair removal system up to skin type IV
- Pigmented lesions removal

Light A* (Star)

This platform combines the Light A and Light B performances.

It operates both at 755 and 1064 nm, allowing the treatments as described with the Light A and B respectively.

Optional: Nd:YAG 1.320 nm wavelength

Light A Plus

Alexandrite (755 nm) long pulse laser and IPL system "all in one".

It has the same characteristics as the Light A model with the additional benefits of the IPL source. It allows the following treatments:

- Hair removal
- Pigmented lesions removal
- Skin rejuvenation
- Vascular treatments
- Active acne management

Light B

Nd:YAG (1064 nm) short and long pulse laser.

Applications:

- Hair removal on every skin type
- Leg veins
- Vascular treatments
- Skin rejuvenation

Light B Plus

Nd:YAG (1064 nm) short and long pulse laser and IPL system "all in one".

It has the same characteristics as the Light B model with an IPL source supplied for enhancing the flexibility of the system.

Applications:

- Faster hair removal treatments on all skin types
- Treatment of pigmented lesions
- Vascular treatments
- Skin rejuvenation and tightening
- Acne treatments
- Keloids
- Leg veins

Optional: Nd:YAG 1.320 nm wavelength

Light C

Nd:YAG (1064 and 532 nm) short and long pulse laser.

It is the ideal choice for treatments such as:

- Port wine stains
- Vascular treatments
- Post-sclerotherapy matting
- Rosacea
- Pigmented lesions
- Hair removal on every skin type
- Skin rejuvenation and tightening
- Leg veins

Optional: Nd:YAG 1.320 nm wavelength

Light 4 V

Alexandrite (755 nm) and Nd:YAG (1064 plus 532 nm) short and long pulse laser.

Up to four wavelengths "all into one unit" for the maximum flexibility of use and enhanced performances on lighter skin types.

It is the ideal solution for:

- Port wine stains
- Vascular treatments
- Post-sclerotherapy matting
- Rosacea
- Hair removal on every skin type
- Skin rejuvenation and tightening
- Pigmented lesions removal
- Leg veins

Optional: Nd:YAG 1.320 nm wavelength

1320 nm (optional)

Optional for any Nd:Yag of this series is the 1320 nm wavelength. Thanks to its higher absorption by water and great penetration into the dermis, it is very effective for collagen remodeling through the fibroblasts stimulation.

It consequently enhances the applications of the system on:

- fine wrinkles
- enlarged pores
- acne scars
- keloids
- smoothness and skin lifting
- skin rejuvenation



AESTHETIC MEDICINE



PWS

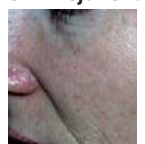


Before

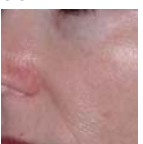


After

Skin rejuvenation



Before



After

Leg veins



Before



After 3 treatments

