

# IRPL®

CONVENTIONAL IPL TECHNOLOGY REVOLUTIONIZED

OPTIMIZATION

PERFORMANCE

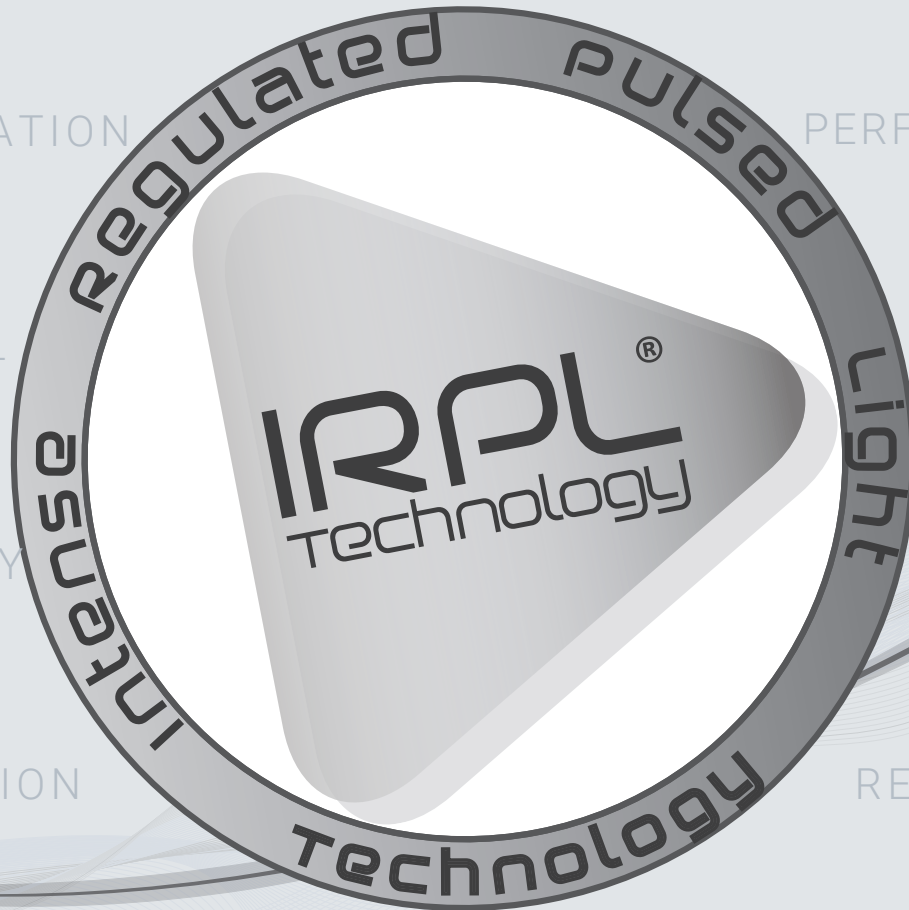
CONTROL

SAFETY

EFFICIENCY

INNOVATION

RELIABILITY



E-Swin

PREMIER FABRICANT FRANÇAIS DE HAUTES TECHNOLOGIES DE LUMIÈRE

## IRPL<sup>®</sup>, AN INNOVATIVE AND RELIABLE HIGH-PERFORMANCE TECHNOLOGY

IPL technology has numerous advantages over laser treatment. IPL achieves equivalent clinical results with the reduced deployment of energy. Accordingly, the safety of the patient is considerably enhanced.

Conversely, however, there have been few overall advances in IPL technology over the past 15 years. One of the major shortcomings is the absence of regularity and uniformity of the light emitted in flash treatment. The result is a lack of control in the thermal impact upon the target area. The results achieved, although correct in the majority of cases, are not ideal.

IRPL<sup>®</sup> technology developed by E-Swin engineers introduces an entirely new dimension to conventional IPL: « **regulation** ».

Regulated flash technology permits the generation of flashes, **the instantaneous luminous power output of which remains constant throughout the duration of the flash concerned.**

**The uniformity permits the complete control of heat generated in the target area. Accordingly, this control further enhances the safety of flashes emitted.**

It should be noted that IRPL<sup>®</sup> can go further still in the fine control of flash configuration. It is possible, within a single flash, to generate sub-flashes of different intensity. **This offers unprecedented therapeutic possibilities, which are inconceivable with conventional IPL.**

In brief, IRPL<sup>®</sup> represents the ultimate in terms of the control of light emitted by a flash lamp. New therapeutic possibilities will be available as a result, specifically in the following fields: dry-eye syndrome, pigmentation disorders, acne, vascular disorders.

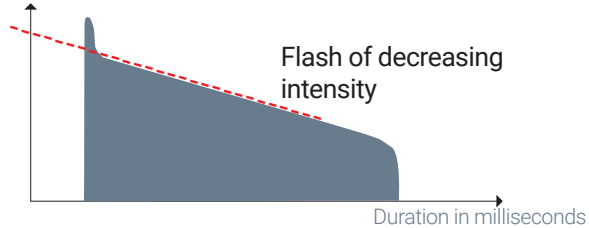
These will supplement everyday applications for permanent depilation and collagen stimulation.

# CONVENTIONAL IPL TECHNOLOGY

3 TYPES OF FLASH :

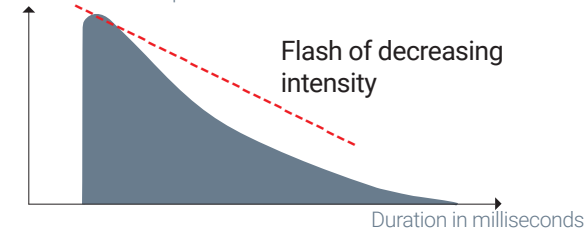
## 1 Conventional single-pulse flash

Instantaneous luminous power



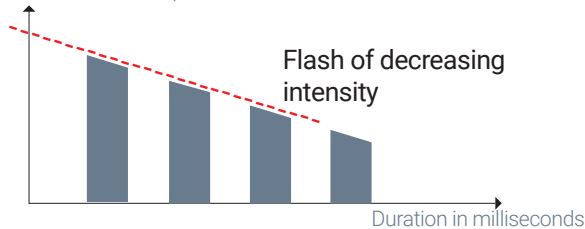
## 2 Conventional single-pulse flash (complete discharge)

Instantaneous luminous power



## 3 Multi-pulse flash

Instantaneous luminous power



### Review of effectiveness:

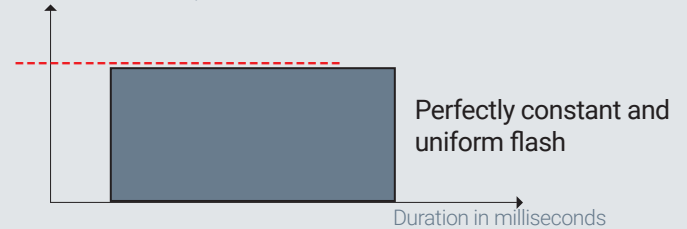
The target area is never heated in a constant and uniform manner.

# IRPL® TECHNOLOGY

3 TYPES OF FLASH :

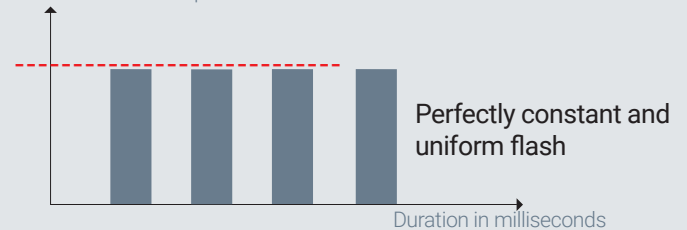
## 1 Regulated single-pulse flash

Instantaneous luminous power



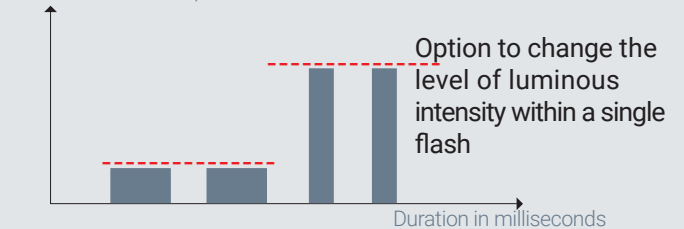
## 2 Regulated multi-pulse flash

Instantaneous luminous power



## 3 Regulated multi-pulse flash at different levels

Instantaneous luminous power



### Review of effectiveness:

The action of light applied to the target area is controlled at all times.