



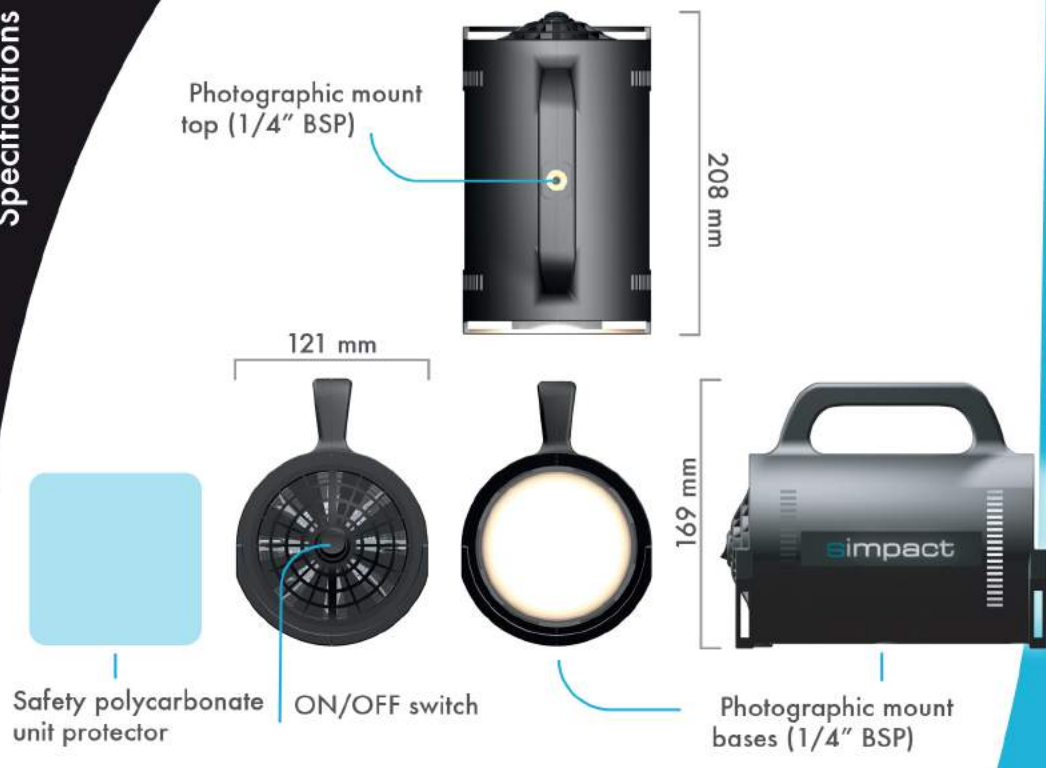
01926 498 620
 info@simpact.co.uk
 www.simpact.co.uk



Simpact Engineering Ltd,
 Unit 2, Trojan Business Centre, Tachbrook Park Drive, Warwick, CV34 6RS



Specifications

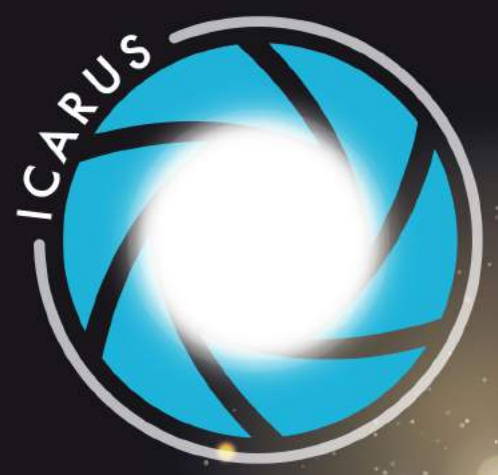
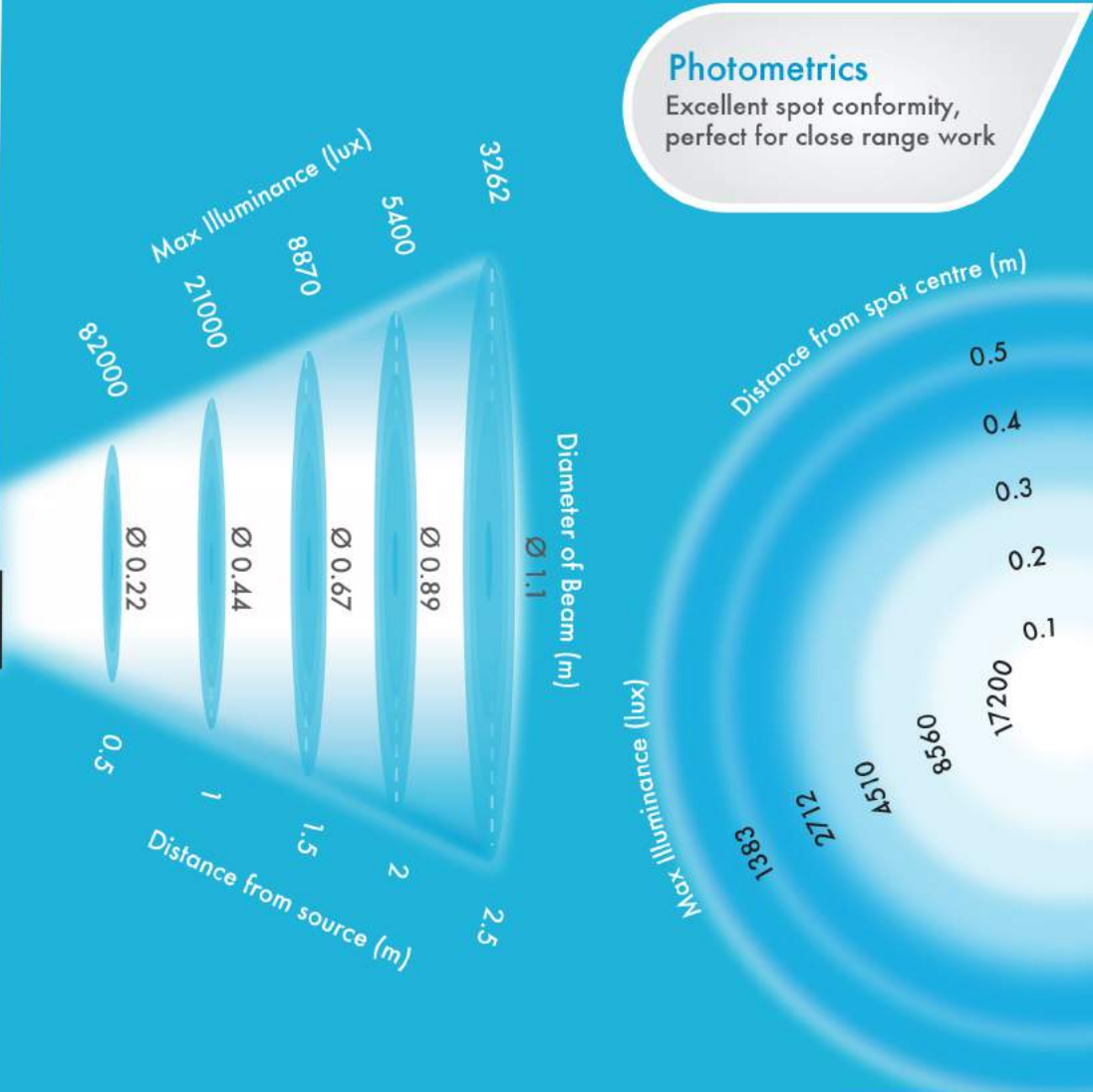


Low Power - 60 Watts
 Bright - 6000 lumens (at source)
 Flicker free - cool 5000K LED
 Quiet - 51dB @1m
 Weight - Less than 1kg
 Beam Angle - 13°
 Maintenance free - More than 36,000h (over 4 years continuous use)

Accessories

- Mounting clamp
- Peli Case for safe transportation
- Protective Polycarbonate sheets (for ballistic applications)

Photometrics
 Excellent spot conformity,
 perfect for close range work



simpact



ICARUS
 Innovative LED technology designed for high speed video and high end photography.

40% more efficient
 20° C cooler
 5dB quieter
 10% lighter
 Than it's closest lumens competitor!

ICARUS is a new innovative LED light specially designed developed for high speed video and high end photography applications.

Designed in-house by Simpect using state-of-the-art CAE tools and proven in the ballistic range, ICARUS has a super bright flicker free 6000 lumens LED with a 13° beam angle.

ICARUS is lightweight (less than 1kg), compact and ergonomic. Its quiet cooling fan and cool LED light make it ideal for experiments where heat is undesirable.

ICARUS has been used successfully by Morgan Advanced Materials and their Composites and Defence Systems division. The super bright LED light with narrow beam angle and low heat output has proven to be perfect for capturing high speed footage of projectiles travelling at ballistic speeds.



"In the testing and development of armour systems, it is very important to capture the pitch and yaw of a projectile. This can be difficult in the confines of a range but because of the high levels of light and versatility offered by ICARUS, we can now easily achieve this."

Adrian Smith
 Laboratory Manager



Case Study