

## Under Door Torch

The first hand held, cable free fibre-optic tool that takes the light from a high powered LED torch and converts it into a thin line of illumination.



The Under Door Torch from RVA Synergies is the answer to a question repeatedly asked by police operatives when inspecting garages, lock-ups, storerooms, cupboards etc – How do we light up the space from outside of the locked door?

When using endoscopes and video-scopes to inspect larger spaces, there is simply no way that the instrument can insert enough light into the void to enable a viewable image. This is because of limitations to the amount of glass fibre that can be built into the small diameter of the scope. With the Under Door Torch, light output is maximised with a large cross sectional area of fibres.

### How the UDT works

The UDT is a circular arrangement of Aerospace grade PMMA optical fibres that forms into a 120mm wide line of fibre. The specially designed curved plate is inserted under a door. The weight of the torch and the main body of the tool naturally angles the light output 45° into the space beyond the door.

Each UDT is supplied with the incredibly powerful yet small 'Quark' tactical LED torch - already used by police forces worldwide. When under door illumination is not required, the 'Quark' is simply pulled from the push-fit adapter and can be used in the traditional way.

- Powerful – enough light to inspect a garage sized space
- Versatile – push fitting torch can be removed and used traditionally
- Simple – no cables, no power supplies, no fuss
- Solid – black anodised CNC machined aluminium
- Designed and made in the UK

### Technical Specifications

Construction material - CNC machined, black anodised aluminium

Plate thickness - 4mm

Light fitting – 22mm diameter. Custom fittings available on request

Weight (Without LED) – 450 grams

Dimensions (Without LED) - 225x122x27mm

LED specifications:

CREE Premium XPG-R5

2 x CR123A batteries – included

Dimensions – 113 x 22mm, weight 51 grams

Knurled anodised finish

5 output modes – max, moonlight, strobe, SOS, beacon. Battery life at max output 360 Lumens: 1.8 hours.

Supplied with Holster, lanyard and finger grip