








Wavelength sheet



MAKES IT BRIGHT

Led Light Colour	Wave-length	Band-width	Typical output	Suitable spectacles for contrast	General applications
UV	365 nm	350-395nm	16 000 $\mu\text{W}/\text{cm}^2$	 Orange Red	General searching Body fluids Fingerprints Bruising Flourescent dyes, powders, stamps and markers
Purple	400 nm	395-405nm	0,60 lm or 144 mW	 Orange Yellow	Searching for the enhancement of skin injuries, i.e. abrasions and bruises
Blue	455 nm	440-460nm	23 lm or 354 mW	 Orange Yellow	General searching Body fluids Fibres Basic Yellow 40 Cyanoacrylate
Cyan	505 nm	490-520nm	TBA	 Orange Red	Ninhydrine, DFO and Superglue (treated fingerprints) and Body fluids
Green	530 nm	520-550nm	60 lm 127 mW	 Orange Red	Ninhydrine and DFO (treated fingerprints) Body fluids
Amber	590 nm	588-595nm	20 lm 40 mW	 Red	Ninhydrine (treated fingerprints)
Red	625 nm	620-645nm	34 lm 209 mW	 Red	Ninhydrine (treated fingerprints) Hair
White	-	7000-8300 °K	92 lm 309 mW		General searching (foot prints, hair fibre) Ninhydrine (treated fingerprints)