

POLILIGHT[®] PL400

UNIVERSAL FORENSIC LIGHT SOURCE



LONG-LIFE HARD COATED OPTICAL FILTERS

All filters made in house

ALL FILTERS ON ONE WHEEL

No need to change filter wheels

FULL COMPUTER CONTROL

RS232C remote control

INTERNAL FILTER WHEEL

No filters on the end of the light guide

EASE OF USE

Front panel push buttons or hand held remote

INTELLIGENT

Automatic standby, microprocessor driven

SAFETY

No filter flash, white light dim

The new Polilight® PL400 is a state of the art Forensic Light Source, designed for robust operation at the scene of crime or within the laboratory. The Polilight® PL400 features internal microprocessor control, stepper motor filter wheel selection, hand held remote and Windows 95/98/NT RS232 remote computer control and state of the art optics to provide the highest purity of light possible.

SPECIFICATIONS

Input Power:

Selectable 115/230VAC 50/60Hz

Internal Lamp:

400Watt Metal Halide arc lamp

Remote Control:

Hand held remote control or Windows 95/98/NT software.

Light Guide:

2 meter metal jacketed, 10mm diameter liquid.

Front Panel Indicators:

3 figure LED; selected filter, error messages and warnings.

Front Panel Buttons:

Filter change Up/Down. Blanking and Standby.

Automatic Standby:

If unattended goes to standby for safer working environment.

Dimensions:

Net (L34cm x W17.5cm x H29cm)

Weight:

Net 6.5 Kg

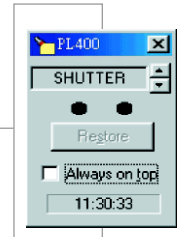
* Polilight PL400 Forensic (Scene of crime) Output Bands:

350 (UV), 415,450, LP530, 490,505,530, White, Half white, Blank

Polilight PL400 Forensic Plus (Scene of crime and Laboratory) Output Bands

350 (UV), 415, 430, 450, LP530, 470, 480, 490, 505, 515, 530, 550, 560, LP560, 570, 590, 620, 650, White, Half white, Blank.

BAND	COLOUR	BAND WIDTH	APPLICATION EXAMPLES
350*	UV	80nm	General searching
415*	Violet	40nm	Blood prints, splatter
430	Blue	40nm	General searching (semen, urea, fibres)
450*	Blue	100nm	General searching (semen, urea, fibres)
LP530*	Blue	< 530nm	Broad searching
470	Blue	40nm	General searching (semen, urea, fibres)
480	Blue	40nm	General searching (semen, urea, fibres)
490*	Blue	40nm	General searching (semen, urea, fibres)
505*	Blue/Green	40nm	Ninhydrin & super-glue treatments
515	Green	40nm	Ninhydrin & super-glue treatments
530*	Green	40nm	DFO & super-glue treatments
550	Green/Orange	40nm	DFO & super-glue treatments
560	Orange	40nm	DFO & super-glue treatments
LP560	—	< 560nm	General for all treatments
570	Orange	40nm	Ninhydrin prints, background reduction
590	Orange/Red	40nm	Ninhydrin prints, background reduction
620	Red	40nm	Ninhydrin prints, background reduction
650	Red	40nm	Ninhydrin prints, background reduction
White*	White	280nm	General searching
BLANK*	—	—	Safety



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