



ULS COLOUR GUIDE

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WHAT THIS GUIDE IS ABOUT

This guide is designed to help outline the colour requirements to successfully create projects to use on a Universal Laser System.

RGB colours are used by the Universal Laser System to assign laser settings to different elements of the graphics you are printing.

To ensure that the colours you are using in your graphics program will map appropriately to the printer driver colours, you should learn how your graphic software defines colours and if possible use or set up an RGB pallet with the RGB values listed

If you require further help with the information contained in this guide, please contact the LST Group support department at support@lstgroup.com.au

ITEMS REQUIRED

- Computer
- Design Software

BASIC RGB COLOURS

The basic colours used are: BLACK (engrave objects), RED (vector cut objects) and BLUE (vector mark objects). These colours are defined in the RGB (Red-Green-Blue) colour system.

		RGB VALUES		
	Function	RED	GREEN	BLUE
RED	Vector Cut	255	0	0
BLUE	Vector Mark	0	0	255
BLACK	Engrave	0	0	0

ADVANCED RGB COLOURS

The Universal Control Panel allows the use of up to 8 different colours to access 8 different power settings when cutting and engraving. The following 5 colours can be used for either of the three laser machine functions of engraving, vector cut, and vector mark.

		RGB VALUES		
		RED	GREEN	BLUE
GREEN		0	255	0
YELLOW		255	255	0
MAGENTA		255	0	255
CYAN		0	0	255
ORANGE		255	102	0

LINE WEIGHT

To allow the Universal Control Panel to recognise the above colours, all vectors should have a line weight thickness of hairline or 0.001 pts/mm depending on what the program is.

CONTACT US



109 Bonds Rd Punchbowl NSW 2196
Phone: 61 2 9584 9499 Fax: 61 2 9584 9550
LSTGroup.com.au
Sales: sales@lstgroup.com.au
Support: support@lstgroup.com.au