

# LMC6044P Black for Glass / Ceramic Laser Settings



## Laser Settings for LMC6044P Materials

The following table details recommended laser settings for LMC6044P materials on glass and ceramic. These settings are designed to help guide the user to the optimum parameters as quickly as possible. Please note that there will be variations in substrate finish and between different brands of laser. It may still be necessary to perform further refinement of settings to achieve the desired mark.

LMC6044P Suggested Laser Settings Used for CO <sub>2</sub> X-Y Laser						
Substrate Material	Settings 45W laser		Settings 30W laser		Lens	DPI/PPI
	Power (W)	Speed (in/sec)	Power (W)	Speed (in/sec)		
Glass	11	35	11	35	2"	600/600
Ceramic	14	28	14	28	2"	600/600

Suggested Laser Settings Used for Beam Steered ND:YAG or Fiber Laser with a 100mm lens				
Material	Power (W)	Speed (cm/sec)	Hatch Spacing "	CW Mode or Q-Switch Freq
Glass	5	25	0.002	CW / ≥50KHz
Ceramic	7	8	0.002	CW / ≥50KHz