




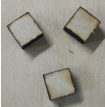






Material Parameter Reference of AlgoLaser_DIY-KIT mini for 5W for LightBurn												
Material	image	Speed (mm/m)	Max Power	Mode	Pass Count	Test Result	Remark	Reference Picture(Parameter setting location)				
4mm Birch Plywood 4mm 梓木胶合板		100	100%	line	1							
6mm Birch Plywood	/	/	/	/	/							
9mm/10mm Birch Plywood	/	/	/	/	/							
12mm Birch Plywood	/	/	/	/	/							
3mm Basswood Plywood 3mm 椴木胶合板		200	100%	line	1							
5mm Basswood Plywood	100	100%	line	1								
6mm Basswood Plywood	150	100%	line	3								
8mm Basswood Plywood	150	100%	line	8			Focal length decreased by 1.7mm					
10mm Basswood Plywood	150	100%	line	10			Focal length decreased by 2.84mm					
12mm Basswood Plywood	/	/	/	/	/							
13mm Basswood Plywood	/	/	/	/	/							
14mm Basswood Plywood	/	/	/	/	/							
15mm Basswood Plywood	/	/	/	/	/							
20mm Basswood Plywood	/	/	/	/	/							
5mm Eucalyptus plywood 5mm 桉木胶合板		150	100%	line	7							

Cuts / Layers

#	Layer	Mode	Spd/Pwr	Output	Show	Air
C00	00	Line	500.0 / 100.0	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Layer Color










Speed (mm/m)500


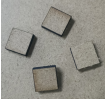




Pass Count1


Power Max (%)100.00

Interval (mm)0.100





Cuts / LayersMoveConsole










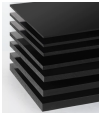
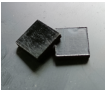
10mm Eucalyptus plywood	/	/	/	/	/
12mm Eucalyptus plywood	/	/	/	/	/
15mm Eucalyptus plywood	/	/	/	/	/
5mm Pine Board 5mm 松木板	 150	100%	line	2	
10mm Pine Board	200	100%	line	8	
12mm Pine Board	/	/	/	/	
15mm Pine Board	/	/	/	/	
19mm Pine Board	/	/	/	/	
20mm Pine Board	/	/	/	/	
30mm Pine Board	/	/	/	/	/
3mm Paulownia Plank 3mm 泡桐木板	 150	100%	line	1	
5mm Paulownia Plank	200	100%	line	2	
8mm Paulownia Plank	200	100%	line	5	
10mm Paulownia Plank	200	100%	line	10	
12mm Paulownia Plank	200	100%	line	13	
15mm Paulownia Plank	/	/	/	/	/

20mm Paulownia Plank	/	/	/	/	/	
3mm MDF 3mm 中密度板	 150	100%	line	2		
5mm MDF	/	/	/	/	/	
12mm MDF	/	/	/	/	/	
3.5mm Black Acrylic 3.5mm 黑色亚克力(不透明)	 100	100%	line	2		There is an irritating odor when cutting, so cut with caution
6mm Black Acrylic	100	100%	line	6		
8mm Black Acrylic	100	100%	line	8		Focal length decreased by 3.62mm
10mm Black Acrylic	/	/	/	/		
15mm Black Acrylic	/	/	/	/		
20mm Black Acrylic	/	/	/	/		
25mm Black Acrylic	/	/	/	/		
30mm Black Acrylic	/	/	/	/		
40mm Black Acrylic	/	/	/	/	/	no material
45mm Black Acrylic	/	/	/	/	/	There is an irritating odor when cutting, so cut with caution
47mm Black Acrylic	/	/	/	/	/	no material
50mm Black Acrylic	/	/	/	/	/	Can't cut

3mm Green Acrylic 3mm 绿色亚克力(不透明)		100	100%	line	4		There are burn marks along the cutting path and a pungent odor is emitted during the cutting process. Cut with caution
5mm Green Acrylic		100	100%	line	8		
8mm Green Acrylic		100	100%	line	12		Focal length decreased by 2.86mm
3mm Orange Acrylic 3mm 橙色亚克力(不透明)		100	100%	line	6		
6mm Orange Acrylic	/	/	/	/	/		Can't cut
3mm Blue Acrylic 3mm 蓝色亚克力(不透明)	/	/	/	/	/		Can't cut, Blue Light is Absorbed
3mm Yellow Acrylic 3mm 黄色亚克力(不透明)		100	100%	line	2		There are burn marks along the cutting path and a pungent odor is emitted during the cutting process. Cut with caution
5mm Yellow Acrylic		100	100%	line	4		There are burn marks along the cutting path and a pungent odor is emitted during the cutting process. Cut with caution
8mm Yellow Acrylic	/	/	/	/	/		Can't cut
3mm Red Acrylic 3mm 红色亚克力(不透明)		100	100%	line	2		There are burn marks along the cutting path and a pungent odor is emitted during the cutting process. Cut with caution
5mm Red Acrylic		100	100%	line	4		There are burn marks along the cutting path and a pungent odor is emitted during the cutting process. Cut with caution
10mm Red Acrylic		100	100%	line	12		There are burn marks along the cutting path and a pungent odor is emitted during the cutting process. Cut with caution
15mm Red Acrylic	/	/	/	/	/		Can't cut
3mm cherry wood 3mm 樱桃木		150	100%	line	1		
5mm cherry wood		150	100%	line	4	/	
8mm cherry wood	/	/	/	/	/		

10mm cherry wood	/	/	/	/
12mm cherry wood	/	/	/	/
15mm cherry wood	/	/	/	/
20mm cherry wood	/	/	/	/
3mm Walnut 3mm 胡桃木	 150	100%	line 2	
5mm Walnut	/	/	/	/
8mm Walnut	/	/	/	/
10mm Walnut	/	/	/	/
12mm Walnut	/	/	/	/
15mm Walnut	/	/	/	/
20mm Walnut	/	/	/	/
25mm Walnut	/	/	/	/
3mm red translucent Acrylic 3mm 红色半透明亚克力	 /	/	/	/
3mm Yellow transparent Acrylic 3mm 黄色透明亚克力	 /	/	/	/
3mm light tan transparent acrylic 3mm 浅茶色亚克力	 /	/	/	/
3mm dark gray acrylic 3mm 深灰色亚克力	 /	/	/	

3mm PolyVinyl Chloride 3mm PVC板(雪弗板)		500	100%	line	1		
5mm PolyVinyl Chloride		400	100%	line	1		There are burn marks along the cutting path and a pungent odor is emitted during the cutting process. Cut with caution
15mm PolyVinyl Chloride	/	/	/	/	/		
1mm Gray Cardboard 1mm 灰纸板		400	100%	line	1		
2mm Gray Cardboard		100	100%	line	1		
3mm Gray Cardboard		200	100%	line	3		
6mm Gray Cardboard	/	/	/	/	/	/	
1mm White Cardboard 1mm 白纸板		300	100%	line	1		
2.5mm White Cardboard		200	100%	line	3		There is a slight yellowing next to the cutting path
3mm White Cardboard		200	100%	line	4		There is a slight yellowing next to the cutting path
1mm Black Cardboard 1mm 黑纸板		200	100%	line	1		There is a slight yellowing next to the cutting path
2.5mm Black Cardboard		200	100%	line	3		
1mm Coated Duplex Board (牛卡纸)		500	100%	line	1		
2mm Coated Duplex Board		200	100%	line	1		
2mm Corrugated Board 2mm 瓦楞纸		500	100%	line	1		
5mm Corrugated Board		250	100%	line	1		

1.5mm Leather 1.5mm 皮革		150	100%	line	1		There is an irritating odor when cutting, so cut with caution
2mm Leather		150	100%	line	1		There is an irritating odor when cutting, so cut with caution
0.2mm colored paper 0.2mm 彩纸		3000	100%	line	1		
0.6mm colored canvas 0.6mm 彩色帆布		800	100%	line	1		Cut edges neatly, but slight burn marks can be seen
0.6mm white canvas 0.6mm 白色帆布		600	100%	line	1		Cut edges neatly, but slight burn marks can be seen
0.7mm denim 0.7mm 牛仔裤		600	100%	line	1		Cut edges neatly, but slight burn marks can be seen
0.8mm denim		600	100%	line	1		Cut edges neatly, but slight burn marks can be seen
1mm rubber 1mm 橡胶		100	100%	line	3		There are burn marks along the cutting path and a pungent odor is emitted during the cutting process. Cut with caution
3mm rubber		/	/	/	/	/	Can't cut
1mm white ABS sheet 1mm 白色ABS		/	/	/	/	/	Can't cut
1mm black ABS sheet 1mm 黑色ABS		400	100%	line	1		
2mm black ABS sheet		100	100%	line	1		There is an irritating odor when cutting, so cut with caution
3mm black ABS sheet		100	100%	line	2		
4mm black ABS sheet		/	/	/	/	/	
6mm black ABS sheet		/	/	/	/	/	
8.5mm bamboo 8.5mm 竹子		/	/	/	/	/	

