

Overview

PRIME **RGB** 11000 GT is a high-end powerful yet very compact full-color laser projector that specifically designed for large-scale indoor and small to medium outdoor shows as well as installation projects.

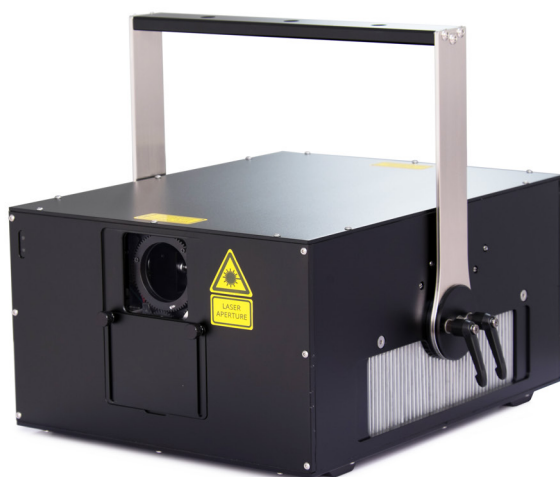
The in-built laser grating module gives you 3 extra stunning laser effects that can be controlled using DMX.



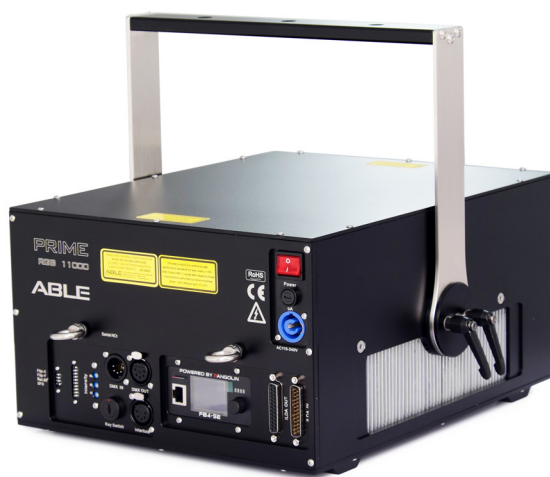
Front Panel



Rear Panel



Front 45°



Rear 45°

Specifications

Light Source

Red :	3060 mW @ 637nm	Single Mode Direct-Inject diodes
Green :	4000 mW @ 520nm	Multi-Mode Direct-Inject diodes
Blue :	4000 mW @ 445nm	Multi-Mode Direct-Inject diodes
		462nm on-request

Total Output @ Projector window: 9300mW ~ 10500mW

Beam Diameter (Projector Window) : ~5 mm

Divergence (Full angle) : 0.9 mrad (Full angle)

Modulation : Analog 50KHZ

Laser Class : Class IV

Scanner

Galvo : 40K (EMS 8000 60K upon request)

Scan Angle : 60° Max

Grating Module

In - built effects 3 effects -> Line grating / Burst Grating / Lumia - 1

User - replaceable effects 2 effects -> Lumia - 2 / Lumia - 3 (both included in the delivery)

DMX Channels 2 Channels

Gobo Rotation Speed 0.08 RPM (min) - 12 RPM (max)

DMX Channel Assignment

Channel - 1	Gobo Selection			
	0 - 64	65 - 128	129 - 189	190 - 255
	No Effect	Effect 1	Effect 2	Effect 3
Channel - 2	Gobo Rotation Control			
	0 - 122	123 - 132	133 - 255	
	Clockwise Speed max – min	Static	Counterclockwise Speed min - max	

Interfaces & Controls

Control : ILDA in (Differential) , ILDA out

Grating Control: DMX-in and DMX-out, 5Pins XLR

DMX Addressing Dip Switches

Safety : Key Switch , FDA Scan-safe Switch

Remote Interlock : 5 pins XLR

Scan Image: Invert – X , Invert – Y, Rotate 90°

Color adjustment : Intensity R, G, B (0-100%)

Mains : Neutrik PowerCon®

Optional Components

Controller:	Pangolin FB4
Light Source:	462nm instead of 445nm
Scanner	EMS 8000 60K

Thermal Control

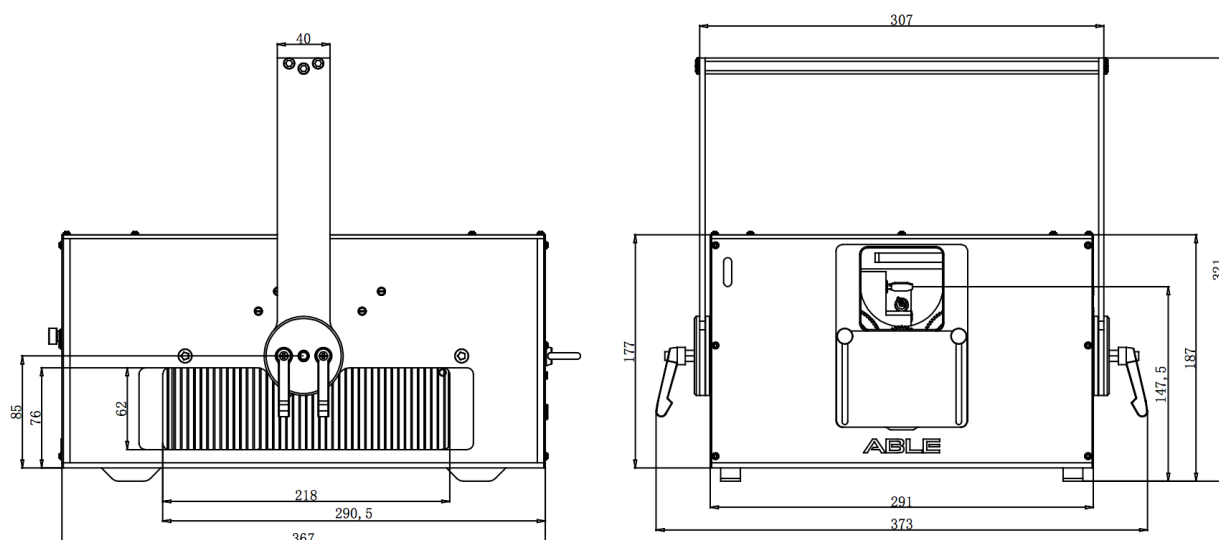
Cooling :	TEC Peltier Elements
Ventilation :	70mm Low noise fan * 3

Electric

Operating Voltage :	AC 110V-240V
Power Consumption:	450W Max

Physical

L * W * H :	367mm * 291mm * 177mm (Without Yoke, Without feet)
Weight :	18 kg (Without Yoke)
Housing Materials :	Black Anodized Aluminum
IP grade :	IP54
Packaging :	Flight case (Peli case optional)



Compliance

Compliance FDA/CDRH, CE, RoHS

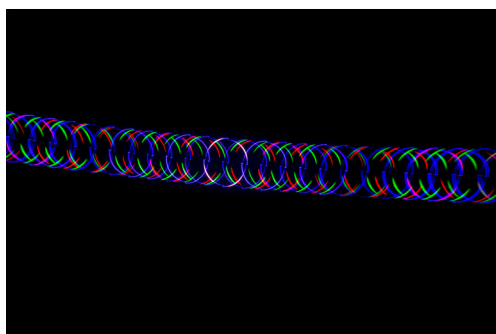
Warranty

Warranty 24 months parts and labor

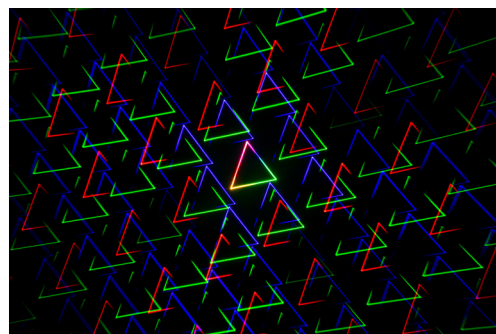
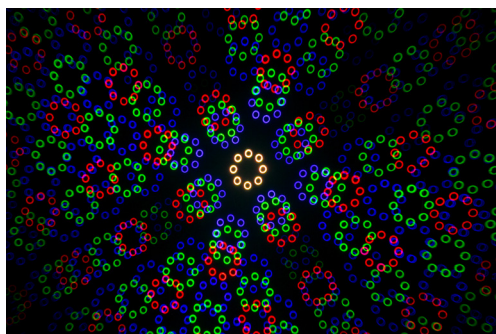
* The above specifications subject to change without prior notice

Appendix - Effect photos

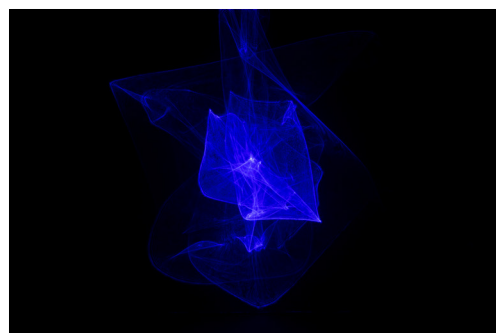
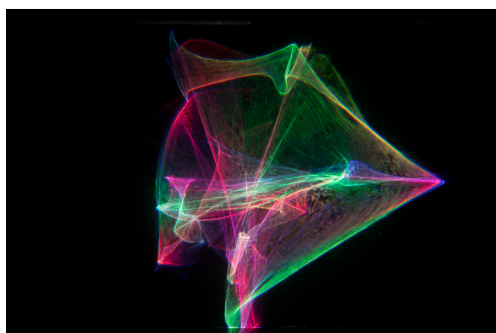
Line Grating



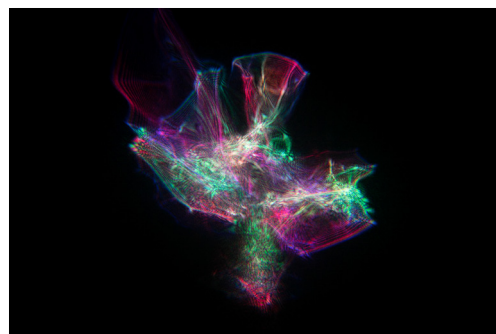
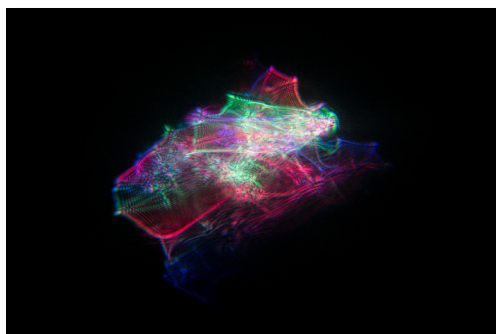
Burst Grating



Lumia - 1



Lumia - 2
(Narrow angle)



Lumia - 3

