

Overview

The PRIME RGB 11000 is a professional systems suitable for hire and touring. It uses the latest laser diode technology, delivering an impressive white balance and ensuring a uniform beam profile even when projecting over long distances. When the colors of the RGB modules inside the laser projector cannot be aligned well after being placed for a long time, the external dimming design is very friendly to engineers, which can make the originally cumbersome procedures become easy and effortless.



Front Panel



Rear Panel



Front 45°



Rear 45°

Specifications

Light source

PRIME RGB 11000

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

Beam Profile

Beam Diameter (Projector Window) :	~5mm
Divergence (Full angle) :	<0.9 mrad(Full angle)
Modulation :	Analog 50KHZ
Laser Class :	Class IV

Scanner

Galvo :	40kpps @ 8° ILDA test pattern(EMS 8000 60K upon request)
Divergence (Full angle) :	60° Max (Optical)

Interfaces & Controls

Control:	ILDA in (Differential) , ILDA out
Safety:	Key Switch , Scan-Fail-Safe Switch
Remote Interlock:	5 pins XLR
Scan Image Invert:	Invert – X , Invert – Y
Color adjustment:	Intensity R, G, B (0-100%)
Mains:	Neutrik PowerCon®

Optional Components

Controller :	Pangolin FB4 (upon request)
Light Source:	462nm blue instead of 445nm blue

Thermal Control

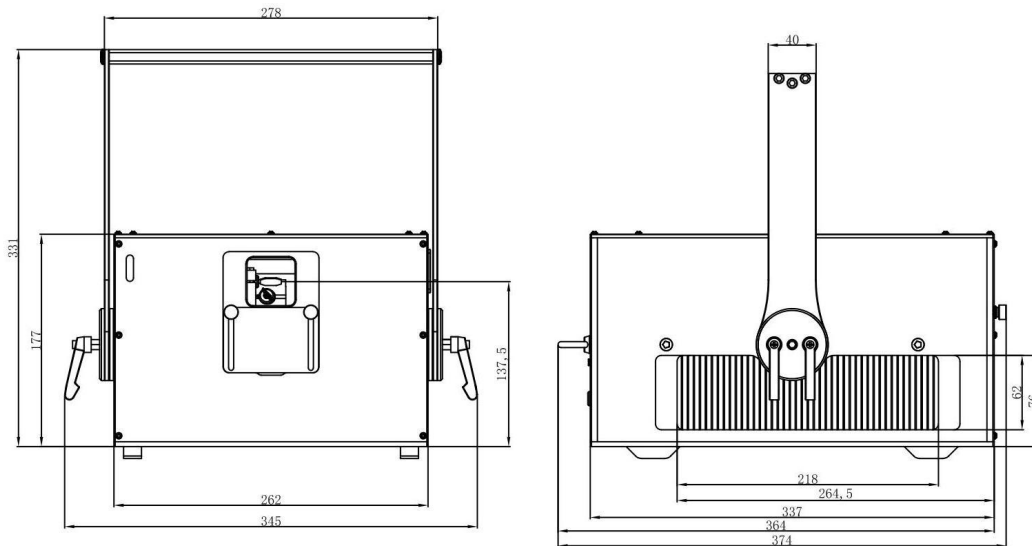
Cooling : TEC Peltier Elements
Ventilation : 60mm Low noise fan * 3

Electric

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

Physical

L* W * H : 337mm* 262mm* 177mm (Without Yoke)
Weight : 16kg (Without Yoke)
Housing Materials : Black Anodized Aluminum
IP grade : IP54
Packaging : Flight case



Compliance

Compliance : FDA/CDRH, CE

Warranty

Warranty : 24 months parts and labor

ABLE LASER TECHNOLOGY

3 Floor, Tower C, Huaming Industrial Park, Huanjiao Village, Shijing Town, Baiyun District, Guangzhou, China
TEL: +86 02 3639 7412 FAX: +86 02 3639 7413

www.able-laser.com
sales@able-laser.com