

Overview

The PRIME RGB 3000/5300/7500 are full-color laser projectors specifically designed for small-to-medium-sized indoor venues and events. With their compact size and exceptionally powerful output, they have become an ideal choice for mobile show applications, permanent installations in clubs, and various touring and rental business.



Front Panel



Rear Panel



Front 45°



Rear 45°

Specifications

Light source

	<u>PRIME RGB 3000</u>	<u>PRIME RGB 5300</u>	<u>PRIME RGB 7500</u>	
Red :	680 mw@637nm	1480 mw@637nm	2220 mw@637nm	Single Mode Direct-Inject diodes
Green :	1000 mW@520nm	2000 mW@520nm	2000 mW@520nm	Multi-Mode Direct-Inject diodes
Blue :	1600 mW@445nm	2000 mW@445nm	4000 mW@445nm	Multi-Mode Direct-Inject diodes

Beam Profile

Beam Diameter (Projector Window) :	<4mm
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
In-Built Controller:	Pangolin FB4 (upon request)
DMX / Ethernet (Optional):	DMX in / Out (When FB4 & DMX daughter board is embedded) Ethernet RJ45 in/Out (When FB4 is embedded)
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®

Product Information

PRIME RGB 3000/5300/7500



Thermal Control

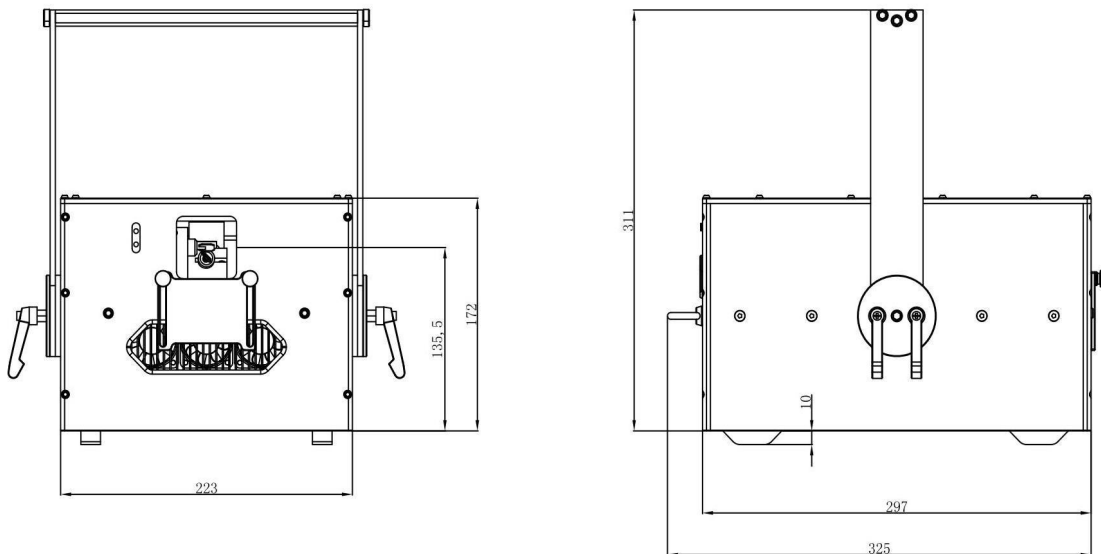
Cooling : TEC Peltier Elements
Ventilation : 40mm Low noise fan * 3

Electric

Operating Voltage : AC 110V-240V
Power Consumption : 280W Max

Physical

L* W * H : 297mm* 223mm* 172mm (Without Yoke)
Weight : 11kg (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

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