

# Spectrum 33 RGBY

## Laser Display Systems



Type:	full colour OPSSL/semiconductor diode laser system
Guaranteed optical output:	33W
Suitable for:	outdoor laser displays and laser graphics
System control:	inbuilt Pangolin FB-MAX QS [upgrade to Beyond is available], Pangolin QuickShow 4.0 laser control and creation software is included.
Control signal:	Ethernet, ILDA, ArtNet, DMX and SD card
Scanning system:	CT6215   30kpps @ 8° [see Options below]
Safety:	fully complies with the latest EN 60825-1, FDA regulations and TUV Laser Safety
Weight:	37kg
Includes:	heavy duty flight case, power lead, 25M ILDA signal cable, E-STOP remote with 25M cable, set of 4 safety keys, interlock connector, USB with PDF manual.
R   G   B   Y [mW]:	7000   10000   11500   5000
Beam size [mm]:	6x5.5
Beam divergence:	<1mrad [full angle]
Modulation:	analog, up to 50kHz
Power requirements:	100-230V/50Hz
Consumption:	max. 650VA
Operation temperature:	10-35°C
Ingress protection rating:	IP54
System features:	All the basic control settings such as X & Y sizes, scan-fail safety settings etc. are adjusted digitally using inbuilt interface. This systems also features scanning system protection and daisy chain of emergency STOP signal for multiple system "one-hit" operation.
Integrated laser safety features:	Keyed interlock, emission delay, magnetic interlock, scan-fail safety, V-RAD 506 mechanical shutter   reaction time <20ms, adjustable aperture masking plate.

The new Spectrum RGBY systems come with every single technological advantage of our iconic Top of the Range Spectrum series lasers. In addition to these, they are fitted with 5 Watts of 577nm yellow OPSSL module. This greatly intensifies the brightness and vibrancy of many colours the systems are able to output.

The new 25W and 33W Spectrum RGBY lasers offer the level of performance that is hard to beat at this price point.

Main features of the Spectrum RGBY:

- RGB + 5W/577nm yellow OPSSL module
- 36kpps CT6215-HP scanning [optional]
- Motorised dichroic filters for quick and easy colour alignment via integrated FB4 interface or Pangolin Beyond software [optional]
- IP54 construction
- Integrated FB4 control interface as standard with Pangolin QuickShow 4.0 laser control and creation software