TECHNICAL SPECIFICATIONS

Full Color Laser Projector
PHAENON RGB 11500

Front View

Laser			
Class		4	
Type		CW, analog modulated, 100kHz maximum	
Beam diameter		< 4mm	
Beam divergence (full angle)		< 1mrad	
Total output power		9500mW	
White light D65		5200mW maximum (@ output window)	
Laser source	**Wavelength**	**Type**	**Optical power**
Red	638 - 643nm	Laser diode	2500mW
Green	532nm ± 2nm	Coherent® TAIPAN or OPSL frog	5000mW
Blue	445nm ± 5nm	Laser diode	2000mW

Projector	
Scanner	CTI 6210 / 6800H with Turboscan driver
Aperture	3mm
Projection angle horizontal	80° maximum / 50° typical
Projection angle vertical	80° maximum / 50° typical
Response time (2°opt. step)	0.2ms
Laser emission window	B+W antireflective coated
Built-in Options	
Grating module	Two Effect wheels: 1. With grid grating 1 (Grid WT), ultra fine line grating (Machado), special grid (Stargate) 2. With grid grating 2 (Grid XT), line grating, Lumia
"compact Mark 2"	Laser show controller

Safety Features
Key switch, Interlock loop. Emission LED
Scan fail safety
Multiple control loops with shutdown at malfunction
External mechanical beam stop

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LaserAnimation
SOLLINGER

TECHNICAL SPECIFICATIONS

Full Color Laser Projector
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Rear View

Connections	
AC power input	Air tight chassis connector PowerCon® 3-pole
Projector signal, analog	ILDA In, ILDA Out, D-sub 25
Remote control	7pin XLR (RS232, external key switch, Interlock)
DMX In/Out (optional)	5pin XLR Jack
LAN (optional)	8pin RJ45 Jack

Electrical	
AC power input	100-120VAC / 200-240VAC / 50-60Hz auto ranging, switch mode
Input power	750W maximum

Thermal	
Max. ambient temperature	50°C
Min. ambient temperature	-5°C
Protective housing	IP 54
Cooling	Forced air, low noise regulated fans

Physical	
Size (L x W x H)	400 x 400 x 200mm
Height with yoke	approx. 330mm
Width with yoke	approx. 480mm
Weight	approx. 21kg (without yoke, without options)
Material	Aluminum anodized, black
Construction	Dust proof housing

Conformity
CE, CDRH compliant / variance

Technical specifications subject to change without prior notice!

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