GTD™ LM1200 II ProfileSpecifications

Features are subject to change without any prior written notice.

Optical

Light source	Single White 1050W LED light source
Expected average lifetime	20000 hours
Beam angle	Zoom range 6° - 50°
Focus	High-precision glass lenses, electronic linear HD focus
Prism	one 4-facet prism,CW/CCW rotation, variable speed
Frost	2 independent frost effects ,the light spot is soft and natural after softening
Animation effect	1 wheel, CW/CCW rotation, variable speed

Photometric

Total Output (Lumen)	50000 lumens
Color temperature	2700K-6500K
CRI	≥ 70

Gobo

Rotating gobo	7 interchangeable gobos + open, indexing, CW/CCW rotation, variable speed
Static gobo wheel	8 gobos + open, CW/CCW rotation, variable speed
Gobo outside diameter	30mm
Max. Image diameter	26mm
Max. Thickness	1.1mm (Glass)
Glass/Metal gobo	Glass

Color

Color wheel	6 colors + open, split color, CW/CCW rotation, variable speed,"Rainbow effect" in both directions
CMY / CTO	CMY + CTO for linear infinity color mixing

Electrical

Power input, nominal	AC 100-240V - 50/60Hz
Max. Power consumption	1450W
Power supply unit	Auto-ranging electronic SMPS
Main fuse	250V/15A

Control and programming

Control channels (DMX)	39/35/54
Protocols	DMX-512
Display	Graphic LCD backlit
16-bit control	Dimmer；C,M,Y ； CTO；focus, zoom, gobo indexing & rotation, rotating gobo wheel positioning,Pan/tilt；framing

Physical / Installation

Weight	45kg (99.2 lbs.)
IP rating	IP20
Material	Aluminium, steel, plastic
Mounting points	Four quarter-turn locking points + attachment points for safety wire
Minimum distance to combustible materials	0.5 mtr (1.64ft.)

Minimum distance to illuminated surfaces	5 mtr (16.4ft.)
Dynamic effects	
Pan/Tilt movement	540 ˚ / 270 ˚
Strobe	1-25Hz, synchronized, pulse effects
Dimmer	0-100%, 16-bit, electronic linear dimming
Zoom	Motorized
Built-in macros	Color
Framing	Rotating module 90 ˚ , 4 shutter blades can make geometric figures of different sizes and shapes
Thermal	
Operating range	5 ˚ F - 113 ˚ F (-15 ˚ C - +45 ˚ C)
Startup range	-13 ˚ F - 113 ˚ F (-25 ˚ C - +45 ˚ C)
Storage range	-40 ˚ F - 140 ˚ F (-40 ˚ C - +60 ˚ C)
Cooling	Heat pipe radiator, temperature controls fan heat dissipation intelligently
Humidity	⩽ 85%
Connections	
AC power	Neutrik powerCon
DMX data input/output	Chassis 3-pin Neutrik XLR (in/out)
Certification and Safety	
EMC	EN 55103-1:2009, EN 55103-2:2009, EN 61000-3-2:2006+A2:2009, EN 61000-3-3:2013
Safety	EN 60598-2-17:1989/A2:1991
Included items	
User manual	
4.92 ft. (1.5m) cable with Neutrik PowerCon	
2 x G-clamp, for Ø48-51mm, Max. 250 kg	
Notes	
Sleep mode	
Automatic energy saving mode	