

Katana

KATANA is an advanced LED light designed for the entertainment market. KATANA introduced a brand new type of light beam: the dynamic 'blade' projection. Thanks to a custom 3.5° - 30° linear zoom, KATANA is capable to project an extra-bright blade of light that cuts through any show. Single pixel control lets you obtain stunning dynamic multicolor effects. And a super-fast motorized tilt adds a dynamic impact to your lighting performance.



APPLICATIONS

This LED projector is ideal for:

- Live events and theatrical shows: dynamic beams, pixel control, and vibrant colors.
- TV studios and broadcast environments: adjustable color temperature and high color quality.
- Indoor artistic installations: motorized zoom and wide color range for scenic effects.
- Clubs and discos: fast movements and engaging light effects.
- Trade shows and temporary setups: precise accent lighting, easy remote control.

FEATURES



FINITURES



KATANA Rev. 02.2025

CERTIFICATIONS

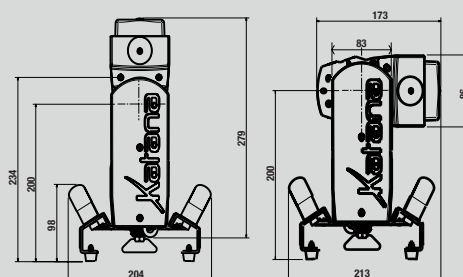
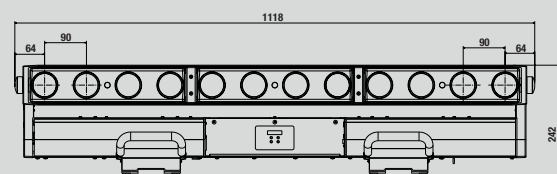
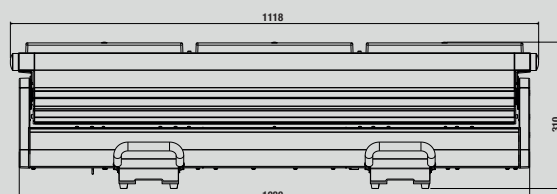


THE BLADE OF LIGHT FEATURING
WIDE LINEAR ZOOM, SINGLE PIXEL
CONTROL AND SUPER FAST TILT



FAMILY

KATANA



SKILLS

- High brightness
- Pixel-by-pixel control
- Motorized zoom
- Full color range
- Fast and precise movements
- Integrated protection
- Wide electrical compatibility
- Robust construction

CODE

03.LDR016.F



MADE IN
ITALY

TECHNICAL DATA

OUTPUT

- 12 x 20 W Full Color (RGBW) LEDs
- Pixel to pixel control
- Lumen source: 9,600 lm

OPTICAL GROUP

- Linear motorized zoom 3.5° ('blade' mode) - 30°

COLOR GENERATION

- 16 million colors
- Wide palette of pure uniform whites with variable linear color temperature (2700 K - 8000 K)

CONTROL

- Multi-function 4-digit 7-segment LED display + 4 soft keys
- Controlled via DMX 512 and RDM standard digital communication protocols
- Firmware updatable via DTS firmware uploader dongle

DMX

- 24 DMX channels (default)
- 64 DMX channels
- 16 DMX channels

TILT

- Motorized Tilt 184°;
- 16-bit movement resolution

POWER SUPPLY

- Electronic Wide-range 100-240Vac 50/60 Hz;
- Power consumption: 300 W max
- Power Factor: PF >0.95

CONNECTIONS

- Power supply: PowerCON TRUE1 In/Out panel connectors
- DMX: XLR 5-pole In/Out panel connectors

CIRCUITS PROTECTIONS

Overvoltage and overtemperature circuits protection

TEMPERATURE

- Operating: -10° +40° C

PHYSICAL

- IP20
- Weight: 19.5 Kg (43 lbs)
- Finishing: Black

TEST AND CERTIFICATION

- CE

ACCESSORIES

INCLUDED

- 1 x PowerCON TRUE1 female cable connector (code 0520P066)
- 1 x PowerCON TRUE1 male cable connector (code 0520P067)
- 1 x XLR 5 pins female cable connector (code 0508B147)
- 1 x XLR 5 pins male cable connector (code 0508B148)
- 2 x Omega bracket with "Fast Lock" connection 1/4 turn (code 02K00467)
- 2 x Bracket for ground installation with handles and rubber feet - already mounted on the unit (code 02SK0296)

ON REQUEST

- Flightcase for 3 units (code 0521C066)
- Aliscaf clamp for tube diameter 48-51 mm - max. load. 200 Kg (code 0521A033)
- G-QUICK clamp Professional - max. load 100 Kg (code 0521A037)
- Safety cable - 3 x 600 mm - max. capacity load 30 Kg (code 0521A010)
- DTS firmware uploader dongle (code 03.LA.206)

PHOTOMETRIC DATA

		MINIMUM ZOOM	mt 5 ft 16.4	mt 10 ft 32.81	mt 15 ft 49.21	mt 20 ft 65.62	mt 25 ft 82.02	
		Full RGBW	6800	1700	756	425	272	lux center (lx)
			632	158	70	39	25	foot candles (fc)
	BEAM ANGLE 3°	X-axis	25	51	76	101	127	diameter (cm)
			0,83	1,66	2,49	3,32	4,25	diameter (ft)
BEAM ANGLE 3,5°	Y-axis		31	61	92	122	153	diameter (cm)
			1,00	2,00	3,01	4,01	5,01	diameter (ft)

		MAXIMUM ZOOM	mt 5 ft 16.4	mt 10 ft 32.81	mt 15 ft 49.21	mt 20 ft 65.62	mt 25 ft 82.02	
		Full RGBW	1650	413	183	103	66	lux center (lx)
			153	38	17	10	6	foot candles (fc)
	BEAM ANGLE 25°	X-axis	222	443	665	887	1108	diameter (cm)
			7,27	14,55	21,82	29,09	36,37	diameter (ft)
BEAM ANGLE 30°	Y-axis		268	536	804	1072	1340	diameter (cm)
			8,79	17,58	26,37	35,16	43,95	diameter (ft)

for more data scan the front page QR code