



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

Live events and theatrical performances: Perfect for creating engaging atmospheres thanks to dynamic beams, precise pixel control, and vivid colors that enhance live shows.

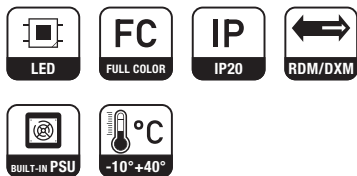
TV studios and broadcast environments: Delivers excellent color rendering with adjustable color temperature, ideal for professional high-definition filming.

Indoor artistic installations: Features motorized zoom and a wide color range to create impactful scenic effects in exhibition spaces and creative setups.

Clubs and discos: Handles fast-paced environments with rapid movements and immersive light effects that amplify the energy of the venue.

Trade shows and temporary setups: A versatile solution for precise accent lighting, easily configurable even in setups with tight installation schedules.

FEATURES



FINITURES



KATANA Rev. 02.2025

CERTIFICATIONS

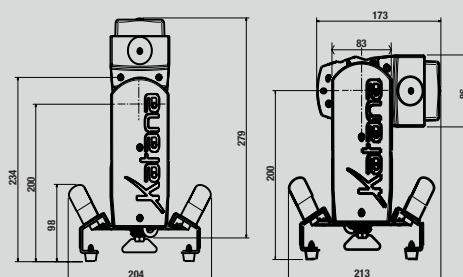
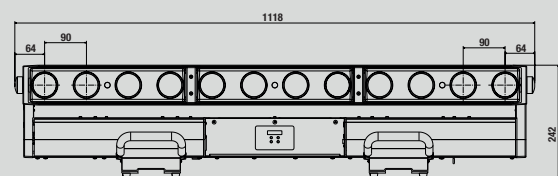
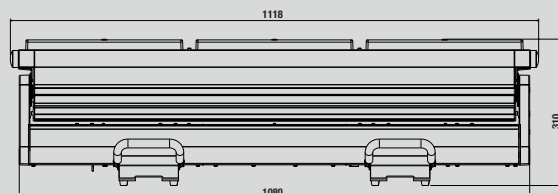


THE BLADE OF LIGHT FEATURING
WIDE LINEAR ZOOM, SINGLE PIXEL
CONTROL AND SUPER FAST TILT



FAMILY

KATANA



SKILLS

- RGBW light source with 12 x 20 W LEDs
- Motorized linear zoom 3.5° – 30°
- Advanced color mixing
- Control via DMX and RDM
- Selectable DMX modes
- Motorized Tilt 184° with 16-bit resolution
- Universal power supply 100–240V
- Professional connections
- Integrated electronic protections
- Environmental resistance and build

CODE

03.LDR016.F



MADE IN
ITALY

TECHNICAL DATA

OUTPUT

- 12 x 20 W Full Color (RGBW) LEDs
- Pixel to pixel control
- Lumen source: 9600 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 100-240 Vac 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

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

TEST AND CERTIFICATION

- CE

ACCESSORIES

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)

ACCESSORIES 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)
BEAM ANGLE 3°	X-axis		632	158	70	39	25	foot candles (fc)
			25	51	76	101	127	diameter (cm)
BEAM ANGLE 3,5°	Y-axis		0,83	1,66	2,49	3,32	4,25	diameter (ft)
			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)
BEAM ANGLE 25°	X-axis		153	38	17	10	6	foot candles (fc)
			222	443	665	887	1108	diameter (cm)
BEAM ANGLE 30°	Y-axis		7,27	14,55	21,82	29,09	36,37	diameter (ft)
			268	536	804	1072	1340	diameter (cm)
			8,79	17,58	26,37	35,16	43,95	diameter (ft)