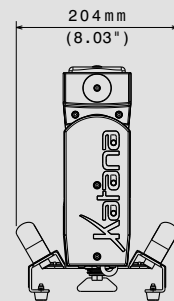
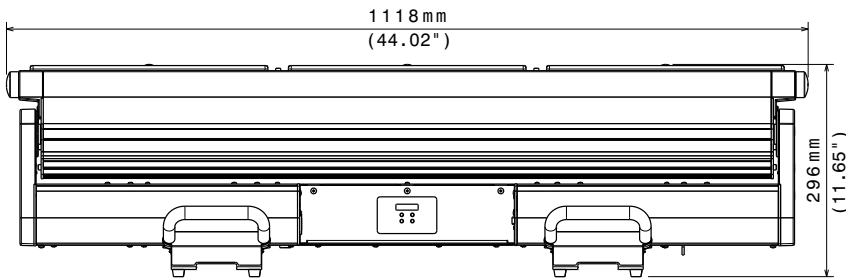


# KATANA



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



## FEATURES



## OPTIONALS

## CERTIFICATIONS



## CODE

**03.LDR016.F**



## TECHNICAL DATA

### OUTPUT

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

### 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 (2700K - 8000K)

### TILT

- Motorized Tilt 184°: 1 sec.
- 16-bit movement resolution

### CONTROL

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

### DMX

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

### POWER SUPPLY

- Electronic full-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

### INTERNAL SAFETY DEVICES

- Overvoltage and overtemperature circuits protection

### OPERATING TEMPERATURE

-10° / 40° C

### PHYSICAL

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

## 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)
- Aliscraf clamp for tube diameter 48-51 mm - max. load. 200 Kg (code 0521A033)
- G-QUICK clamp Professional - max. load 100 Kg (code 0521A037)
- Outdoor DMX cable 2 x 0,25 mm<sup>2</sup> - Flame retardant (code 0509C158)
- Safety cable - 3 x 600 mm - max. capacity load 30 Kg (code 0521A010)
- DTS dongle firmware uploader (code 03.LA.206)

## PHOTOMETRIC DATA

		MINIMUM ZOOM	mt 5 ft 16.40	mt 10 ft 32.81	mt 15 ft 49.21	mt 20 ft 65.62	mt 25 ft 82.02
BEAM ANGLE 3.5°	FULL RGBW	lux center (lx)	6800	1700	756	425	272
		foot candles (fc)	632	158	70	39	25
	X-axis	diameter (cm)	25	51	76	101	127
		diameter (ft)	0,83	1,66	2,49	3,32	4,25
	Y-axis	diameter (cm)	31	61	92	122	153
		diameter (ft)	1.00	2.00	3.01	4.01	5.01

		MAXIMUM ZOOM	mt 5 ft 16.40	mt 10 ft 32.81	mt 15 ft 49.21	mt 20 ft 65.62	mt 25 ft 82.02
BEAM ANGLE 30°	FULL RGBW	lux center (lx)	1650	413	183	103	66
		foot candles (fc)	153	38	17	10	6
	X-axis	diameter (cm)	222	443	665	887	1108
		diameter (ft)	7,27	14,55	21,82	29,09	36,37
	Y-axis	diameter (cm)	268	536	804	1072	1340
		diameter (ft)	8.79	17.58	26.37	35.16	43.95