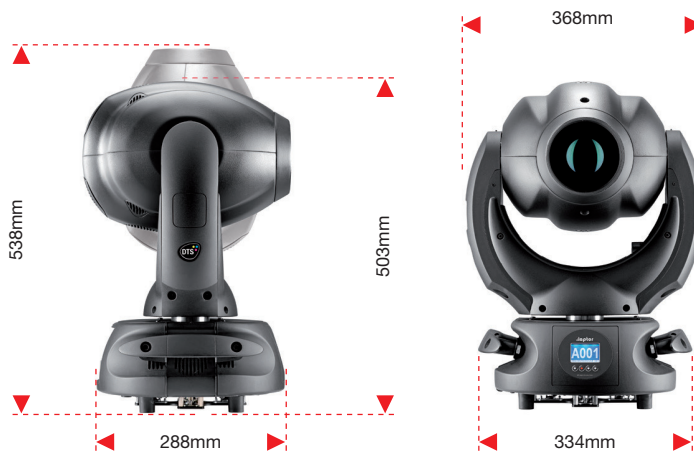


RAPTOR



Overview

RAPTOR is the most compact Beam moving head on the market: just 37cm x 50cm.

RAPTOR projects the most powerful beam of light (150.000 Lux / 15m), and the most concentrated one.

RAPTOR can perfectly focus its 17 gobos at any distance.

Its unique selectable 'Smooth' filter eliminates the hot spot typical of Beam projectors, evenly diffusing luminosity at any point of the light beam. RAPTOR comes equipped with the 'FPR' (patented) system, which allows limitless pan rotation, in either direction, never having to reverse motion.

Also, the unit features the fastest strobe effect.

Lamp

Osram Sirius HRI 330W (16.500 Lumens; 7.500°K)

Optical group

Beam opening: 0,6° - 3,4°

16-bit motorized linear focus

Linear dimmer / shutter / ultra-fast strobe

150.000 Lux / 15 m

Colour generation

17-colour wheel with linear selection for perfect 2-colour beams

Dynamic effects

17-gobo wheel

8-facet rotating prism

Filters

Smooth filter (eliminates the hot spot, evenly diffusing luminosity)

Frost filter

Interface / Control / Programming

LCD graphic display (control / management / monitoring of the main parameters)

4 soft-keys

Controlled via DMX 512

RDM

Wireless ready

Internal operating system updatable via D.T.S.

RED BOX interface and hyperterminal program on

windows based PC

DMX

18 DMX channels

Pan/Tilt

* 'FPR': limitless pan rotation, in either direction, never having to reverse motion

* New Tri-phase stepper motor technology for ultra-fast and silent Pan & Tilt movements

* Pan 540° (2,5 sec.); Tilt 270° (1,5 sec.)

* 16-bit movement resolution

Power supply

Electronic ballast: 90-260V 50/60Hz;

Consumption: 450 W with PFC

Energy saving

Power saving mode (the lamp dims to 80% after shutter closure)

Connectors

DMX: 4 x XLR (3-pole In and Out; 5-pole In and Out) by Neutrik;

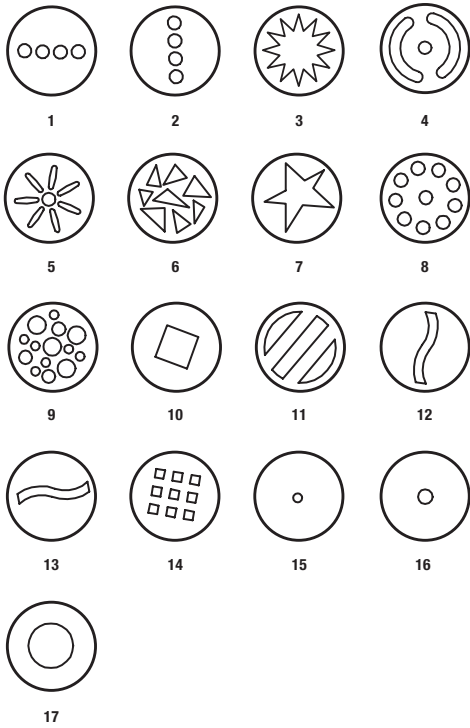
Power supply: POWERCON IN / OUT connectors by Neutrik.

Weight

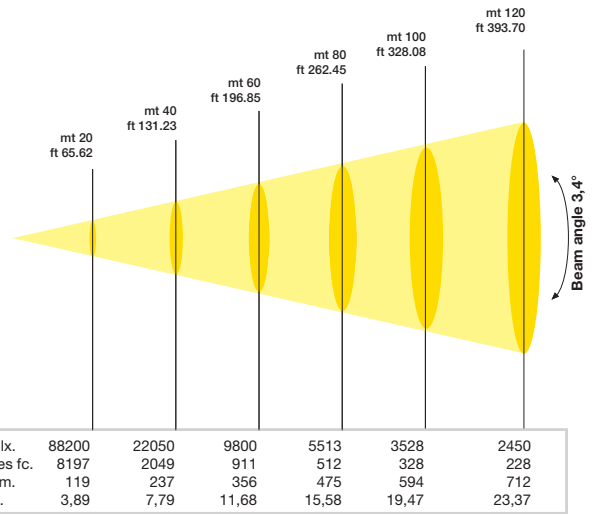
15,4 Kg



Gobo Wheel



Colour Wheel



Lux center lx.	88200	22050	9800	5513	3528	2450
Foot candles fc.	8197	2049	911	512	328	228
Diameter cm.	119	237	356	475	594	712
Diameter ft.	3,89	7,79	11,68	15,58	19,47	23,37

DMX channels

- 1 PAN msb
- 2 PAN lsb
- 3 TILT msb
- 4 TILT lsb
- 5 SPEED MOVEMENT
- 6 PAN FAR
(Active only on RAPTOR FPR)
- 7 DIMMER
- 8 SHUTTER
- 9 COLOUR
- 10 COLOUR MODE
- 11 FIXED GOBO
- 12 FIXED GOBO SHAKE
- 13 FROST
- 14 SMOOTH
- 15 PRISM
- 16 PRISM ROTATION
- 17 FOCUS
- 18 RESET + LAMP

