



The Lighting Company

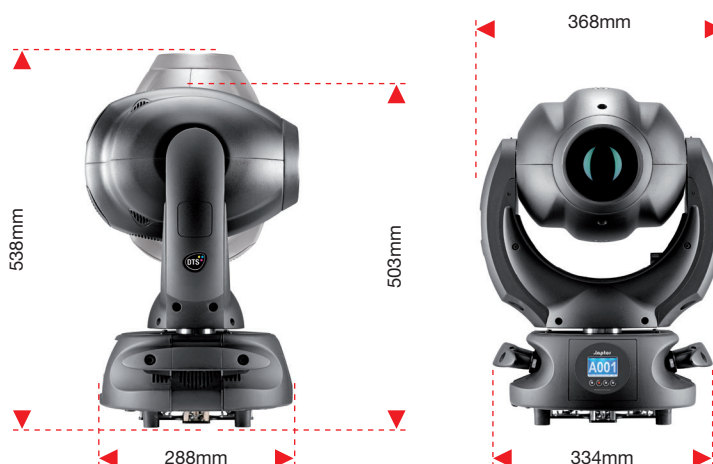
RAPTOR

ISO 9001:2008

D.T.S. quality system
is certified to the
ISO 9001:2008 standard



D.T.S. products are designed
and manufactured at the D.T.S.
plants in Italy



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. The RAPTOR is fitted with the 'FPR' system. The 'FPR' (D.T.S. patent) 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' system (D.T.S. patent)

Pan: limitless rotation, in both directions; 360° rotation in 0.98 sec.; Tilt 270°: 1.5 sec.

Tri-phase stepper motor technology for ultra-fast silent movements

16-bit resolution

Selectable speed ranges

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

Included items

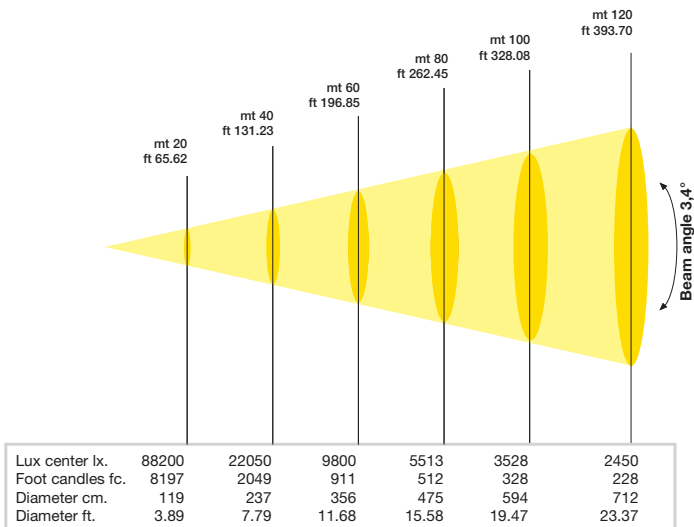
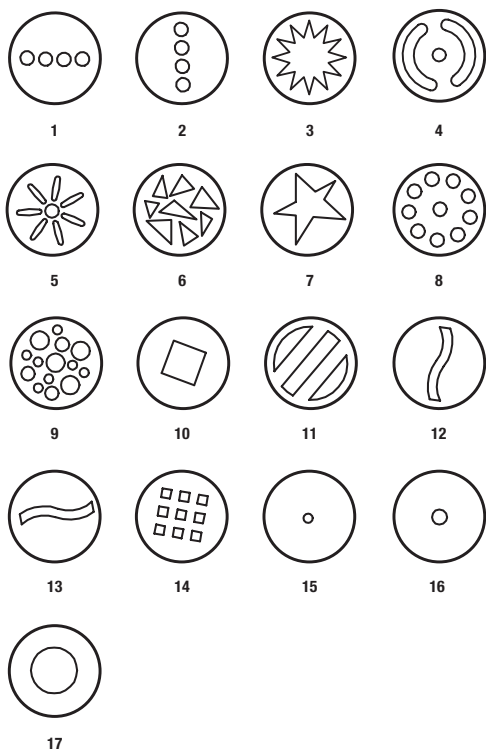
1 x POWERCON male cable connector (cod. 0520P014)

1 x XLR 5 Pins male cable connector (cod. 0508B028)

1 x XLR 5 Pins female cable connector (cod. 0508B027)

2 x Omega bracket (cod. 02K00549)

Gobo Wheel



Colour Wheel



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