

# RAPTOR



## The Brightest and most Compact Beam Light

- 0.6° - 3.4° BEAM ANGLE
- UNIQUE 8-FACET PRISM
- 17 FIXED GOBOS
- SMOOTH FILTER AND FROST FILTER
- SILENT OPERATION
- COLOR WHEEL (17 FILTERS)
- 156,800 LUX @ 15 M
- LIGHTWEIGHT: ONLY 15.4 KG



RAPTOR is the brightest and most compact BEAM moving head on the market. Thanks to its exclusive 'FPR' system and its unique 8-facet prism, RAPTOR is extremely versatile in any event as an effect projector or as a searchlight. RAPTOR is equipped with an HRI 330 W LAMP which delivers 16,500 Lumens.



# RAPTOR

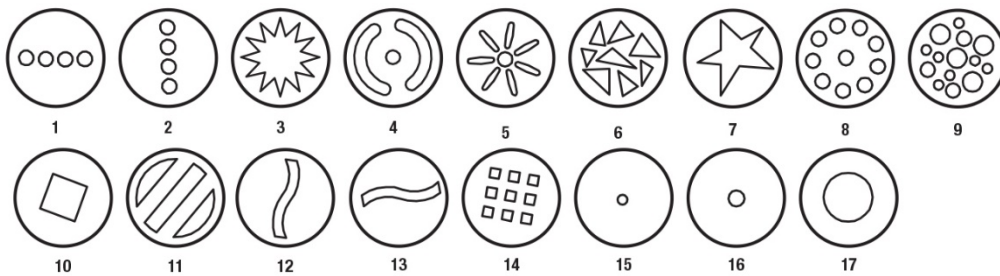


- LAMP** | Osram Sirius HRI 330 W (16.500 Lumens; 7.500K)
- OPTICAL GROUP** | Beam opening: 0.6° - 3.4°  
156,800 Lux / 15 m  
16-bit motorized linear focus  
Linear dimmer / shutter / ultra-fast strobe
- COLOR GENERATION** | 17-color wheel with linear selection for perfect 2-color beams
- DYNAMIC EFFECTS** | 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, Internal operating system updatable via DTS
- RED BOX interface and hyperterminal program on windows based PC
- DMX** | 18 DMX channels
- PAN & TILT** | 'FPR' system (DTS patent)  
Pan: limitless rotation, in both directions; 360° rotation in 0.98 sec.; Tilt 240°: 1.5 sec.  
Tri-phase stepper motor  
Technology for ultra-fast silent movements  
16-bit resolution  
Selectable speed ranges
- POWER SUPPLY** | Electronic ballast; 90-260 V 50/60 Hz  
Power 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.
- PHYSICAL** | Weight: 15,4 Kg  
Dimensions: base 288x334 mm  
Overall 288x368x538 h mm
- 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)

## COLOR WHEEL

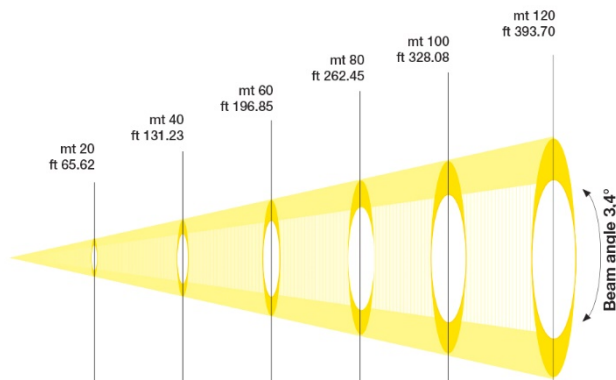


## GOBO WHEEL



## PHOTOMETRIC DATA

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 COLOR
- 10 COLOR MODE
- 11 FIXED GOBO
- 12 FIXED GOBO SHAKE
- 13 FROST
- 14 SMOOTH
- 15 PRISM
- 16 PRISM ROTATION
- 17 FOCUS
- 18 RESET+LAMP