

11. Technical Specifications

Electrical

Power supply: electronic auto-ranging
Input voltage range: 200-240V, 50-60Hz
Power consumption* @230V (*Allow for a deviation of +/-5%)
Lamp power 1700W..... 2000W (power factor=0.99, I=8.96 A)
Lamp power 1500W..... 1820W (power factor=0.99, I=8.04 A)
Fuse: T 15 A

Lamp

Approved model: HTI 1500W/60/P28 Lok-it! (125,000 lumens, CRI>=90, CCT=6000K, 750 hrs. life at 1500W, 500 hrs. life at 1700W))
Base: PGJ28 Lok-it!

Ballast

Electronic

Optical System

High luminous-efficiency glass reflector
Zoom range: 5 °- 55° (open hole); 5° – 48° (gobo)

Colour wheel 1

6 dichroic filters (deep red, deep blue, orange, green, magenta, congo blue) + open

Colour wheel 2

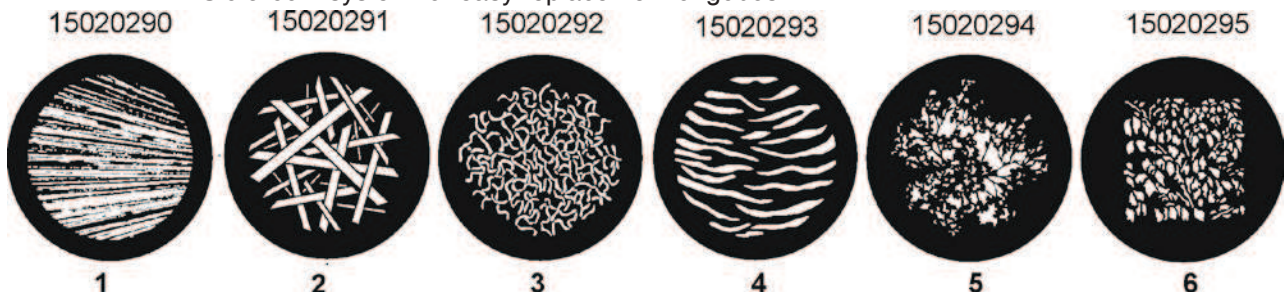
6 replaceable 'SLOT&LOCK' dichroic filters (pink, lavender, laser green, CTB, minus 1/1 green, minus 1/2 green) + open

CMY + CTO mixing module

Smooth CMY colour mixing system
Colour temperature correction filter lowers the colour temperature to 2700 K
30 colour macros

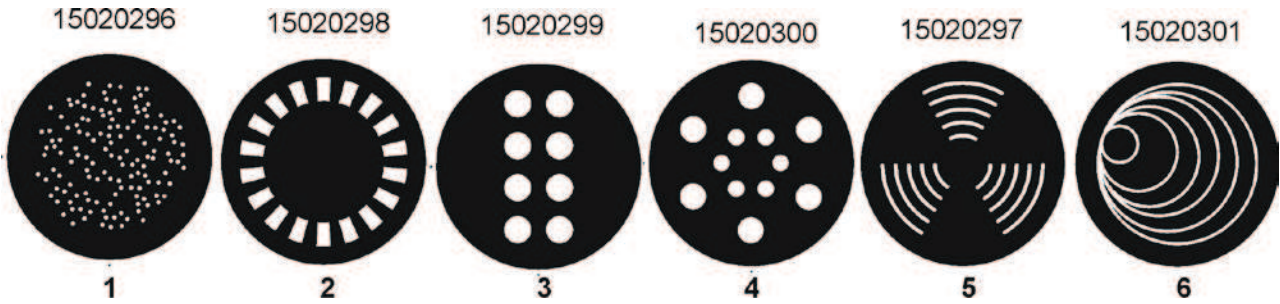
Rotating gobo wheel 1

6 glass gobos can be indexed and rotated in both directions at different speeds
Gobo wheel continuous rotation
Glass gobos: outside diameter=30.8 mm, image diameter=25 mm, max. thickness=3.5 mm, high temperature borofloat or better glass
"Slot&lock" system for easy replacement of gobos



Rotating gobo wheel 2

6 glass gobos can be indexed and rotated in both directions at different speeds
Gobo wheel continuous rotation
Glass gobos: outside diameter=30.8 mm, image diameter=25 mm, max. thickness=3.5 mm, high temperature borofloat or better glass
"Slot&lock" system for easy replacement of gobos



Prism

2 rotating prisms (6-facet linear, 6-facet axial) with continuous rotation in both directions

Iris

Motorized iris for different beam diameters

Frost filter

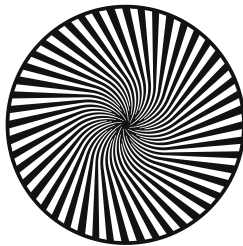
3 separate, variable frost filters

Zoom

Linear motorized zoom

Dual graphic wheel

2 graphic wheels rotating in both directions



Strobe

Strobe effect with variable speed (up to 10 Hz)
Electronic strobe

Dimmer

Smooth dimmer from 0 - 100 %

Control

- Graphic touch screen for fixture setting and addressing
- Gravitation sensor for auto screen positioning
- Battery backup of the touch screen
- Readout fixture and lamp usage, receiving DMX values, temperatures, etc
- Built-in analyzer for easy fault finding, error messages
- Remotely switching on/off the lamp
- Built-in demo sequences
- Black-out while head moving, colour or gobo changing
- Silent cooling,
- Pan/Tilt electronic motion stabilizer
- Stand-alone operation
- 3 user editable programs, each up to 100 steps
- Supported protocols: USITT DMX 512, RDM, ArtNet, MANet, MANet2, sACN
- Support of RDM (Remote Device Management)
- 2 DMX modes (41, 33 control channels)

Wireless DMX/RDM module (Wireless DMX version only)

Compliance with USITT DMX-512 (1986 & 1990) and 512-A
Full DMX fidelity and frame integrity
Auto sensing of DMX frame rate and frame size
<5ms DMX latency
Operational frequency range of 2402-2480 MHz
Producer: LumenRadio

Pan/Tilt

Pan movement range 540°
Tilt movement range 270°
16 bit movement resolution
Automatic Pan/Tilt position correction
Remotely controllable speed of pan/tilt movement for easy programming
Movement control: tracking and vector
Pan/tilt-lock mechanism

Rigging

Mounting points: 2 pairs of 1/4-turn locks
Mounting horizontally or vertically via 2 Omega brackets

Temperatures

Maximum ambient temperature : 45° C
Maximum housing temperature : 170° C (at air vents in fixture head)

Minimum distances

Min. distance from flammable surfaces: 1 m
Min. distance to alight object: 8 m

Connection

DMX data in/out: Locking 3-pin and 5-pin XLR
ArtNet: RJ 45 (Neutrik Ethercon)
AC power IN: Chassis connector Neutrik PowerCon, A-type, NAC3MPA

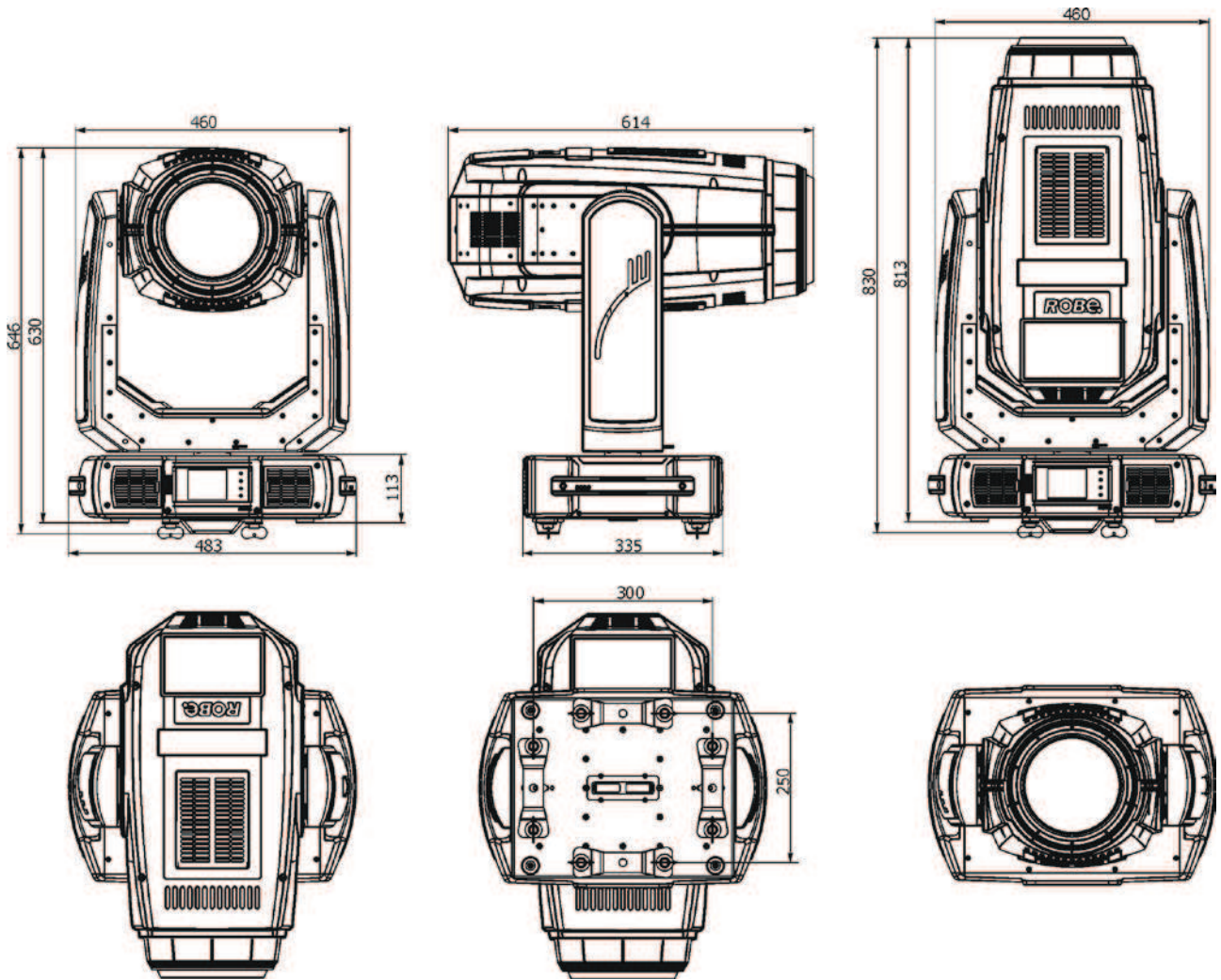
Total heat dissipation

6480 BTU/h (calculated)

Weight (net):

35.8 kg

Dimensions (mm)



Accessories

- Omega holder (No.99010420).....2 pcs
- Power cable1 pc