

## 9. Technical Specifications

### Electrical

Power supply:.....electronic auto-ranging  
Input voltage range:..... supply 100-240V, 50/60Hz  
Live Fuse:.....T 5 A/250V,  
Neutral Fuse:.....T 5 A/250V  
Max. power consumption:.....470 W at 230V (I=2,05A,power factor 0.96)  
Typical power consumption:.....390W at 230V (I=1.8A, power factor 0.95)  
\*Allow for a deviation of +/-10%

### Lamp

Approved model: Osram Sirius HRI 280W RO  
Base FaP2.5  
Lamp life: 2000 hrs (Standard mode)  
3000 hrs (Eco mode)

### Ballast

Electronic

### Optical System

High luminous-efficiency glass reflector  
Beam range: 5°-20° (spot application)  
2.5°-10° (beam application)

### Colour wheel

13 dichroic filters + white

### Static gobo wheel

10 metal gobos & 4 beam reducers

### Rotating gobo wheel

9 glass gobos can be indexed and rotated in both directions at different speeds  
Gobo wheel continuous rotation  
Glass gobos: outside diameter=15.9 mm, image diameter=12.5 mm, thickness=1.1 mm,  
high temperature borofloat or better glass  
"Slot&lock" system for easy replacement of gobos

### Prisms

Rotating 6-facet linear prism with continuous rotation in both directions  
Rotating 8-facet circular prism with continuous rotation in both directions

### Frost filter

Separate,variable frost filter

### Zoom

Linear motorized zoom

### Strobe

Strobe effect with variable speed (max.15 flashes/sec.)

### 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
- Self-resetable thermo-fuse
- 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)
- 3 DMX modes (24, 16, 30 control channels)

## Wireless DMX/RDM module (only for wireless DMX version)

- 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

## Connection

- DMX in/Out: 3-pin and 5-pin XLR
- Ethernet: RJ 45
- Power In: Chassis connector Neutrik PowerCon, A-type, NAC3MPA

## 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 : 90° C

## Minimum distances

- Min. distance from flammable surfaces: 1 m
- Min. distance to lit objects (Standard mode-280W): 10 m
- Min. distance to lit objects (Eco mode-230W): 7.5 m

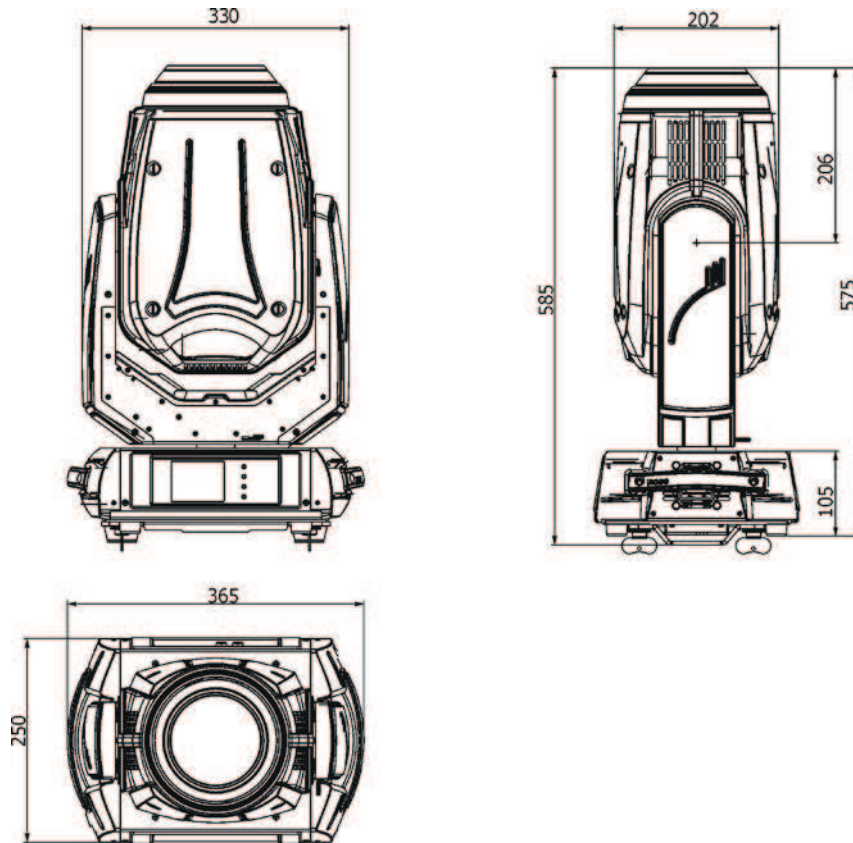
## Total heat dissipation

- 1600 BTU/h (calculated)
- 469 Wh (calculated)

## Weight (net):

- 15 kg

**Dimensions (mm)**



**Accessories**

Omega holder (No.99010420).....2 pcs

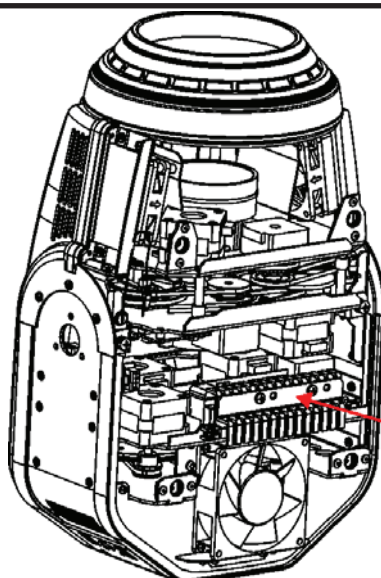
**10. Maintenance and cleaning**

It is absolutely essential that the fixture is kept clean and that dust, dirt and smoke-fluid residues must not build up on or within the fixture. Otherwise, the fixture's light-output will be significantly reduced. Regular cleaning will not only ensure the maximum light-output, but will also allow the fixture to function reliably throughout its life. A soft lint-free cloth moistened with any good glass cleaning fluid is recommended, under no circumstances should alcohol or solvents be used!

***DANGER !***

***Always disconnect the fixture from the mains before starting any maintenance work***

***If the fixture is connected to mains, high voltage is present at the heat sink of the lamp driver and at some parts of this lamp driver in the fixture head !***



Lamp driver and its heat sink is under high voltage!