Sintesi range
Professional lighting equipment for theatres

Spotlight
professional lighting for the performing arts
The Sintesi name and range were created from the idea to bring together into one line of high level luminaires all the major technical features gathered from 30 years of experience in theatre lighting.
Products designed for professional use even under difficult conditions that guarantee:

**Durability**
Die-cast extruded aluminium housing, shockproof with anti-scratch paint

**Long-Lasting Performance**
Rustproof body, high capacity electrical components with high-temperature insulation and tempered glass lenses

**Cooling**
By dissipation through a finned extruded aluminium surface and by convection through various slots which on the back of the luminaire enhance ventilation when the unit is positioned at a steep angle

**Safety**
All luminaires are CE labelled in accordance with the EN 60598-2-17 standards for professional lighting fixtures for public venues and theatres

**Profiles**
- Removable lantern and optics (Excluding FIGURA 05)
- 4 removable shaping shutters mounted between plates specially treated with an anti-abrasive surface and locked by long-extension springs to allow the shutters to be moved smoothly and precisely
- Easy access for maintenance to the zoom lenses through two sliding doors
- Fine adjustment for Peak/Even positioning

**Technical features**
- Focus adjustment by an endless screw mechanism
- Lens mounted onto extended holders to allow ventilation
- Light centre length set for various lamps without the need for special tools

**PC & Fresnel**
- Accessory top covered by lockable door operated by a safety-spring to avoid spill light with ventilation gaps on 1200/2500W models
Plano-Convex (PC) and Fresnel
300/500/650W Halogen
Mod. Vario 05 - Area 05

VARIO 05
A plano-convex luminaire with a defined beam, variable from 5° to 56°
Barndoors optional

AREA 05
Fresnel luminaire with a soft-edged beam, variable from 7° to 62°
Barndoors optional
**Technical features**

### Electrical
- Standard 230V, 50/60Hz power supply (others available on request)
- Lamp-holder type GY 9.5
- 2m power supply cable (plug available on request)
- Strain relief cable clamp entry into light housing

### Safety
- Automatic power cut-out by bipolar microswitch on opening the lamp-tray
- Safety mesh
- Safety bond attachment
- Filter-frame locking system
- Compliance to CE EN 60598-2-17 standards

### Optical
- Spherical reflector in 99.99% polished and treated aluminium: 70mm diameter
- 110mm diameter borosilicate lens mounted onto extended holders to allow ventilation

### Mechanical
- Die-cast extruded aluminium housing
- Black external anti-scratch Epoxy Resin paint
- Black optical internal paint to give no light reflection and high-temperature resistance
- Labyrinth ventilation to avoid light spillage

### Operational
- Lamp-tray hinged to the housing and completely removable for easy maintenance
- Yoke with 10mm diameter hole, adjustable height, reversible and sliding into extruded rails to balance accessories and for use in any position
- Accessory top covered by a door
- Heat insulated knobs and handles
- Quick tilt positioning with fast-locking levers
- Focus adjustment by an endless screw mechanism operated by rear knob

### Accessories
- Colour filter frame TC S05
- 4-door rotatable barndoors PL 4 S05
- Safety bond FUNE
- Theatre C-hook in black painted steel for 30 to 50mm diameter tubes GAC
- TV C-hook in die-cast aluminium (PIVOT DIN adaptor required) A8
- 29mm / M10 spigot adapter PIVOT DIN
- Aluminium clamp for 50mm diameter tubes HC / 500
- Superclamp CLAMP
- Colour changing scroller, DMX 512 or 0/10V controlled on request

### Options
- Clear lens for Vario 05 PC on request
- 100-120V lamp version on request

### Lamps

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<th>M 38</th>
<th>M 40</th>
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<td>Lamp holder</td>
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<td>Light-centre/base lamp distance (mm)</td>
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Teatro Alla Scala, Milano. Photo by A. Tamoni

Spotlight reserve the right to change specification without prior notice

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