Sintesi range

Professional lighting equipment for theatres

SPOTLIGHT

General features
Sintesi range

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

Yoke mounted onto sliding rails for correct balancing... and positioning

Safety bond attachment

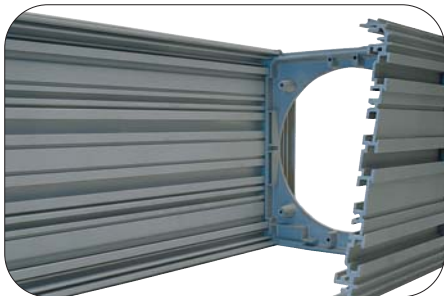Automatic power cut out by bipolar microswitch on opening the lamp-tray

PCs, Fresnels and Profiles, all with lamp-tray hinged to the housing which can be completely removed for easy maintenance

Fast-locking levers exclusively designed for reduced obstruction or traditional screw-knobs (available on request)

Die-cast extruded aluminium housing for thermal dissipation at high temperature

Accessory top covered by lockable door operated by a safety-spring to avoid spill light with ventilation gaps on 1200/2500W models

Technical features

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

PC & Fresnel

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

Plano-Convex (PC) and Fresnel
300/500/650W Halogen
Mod. Vario 05 - Area 05

Lux	27808	6952	3090	1738	1112
Ø (m)	0.17	0.35	0.52	0.70	0.87

SPOT 5°

Dist. (m)	2	4	6	8	10

Lux	1502	376	167	94	60
Ø (m)	2.13	4.25	6.38	8.51	10.63

FLOOD 56°

Dist. (m)	2	4	6	8	10

TESTED WITH LAMP CP89 650W 230V

VARIO 05

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

Lux	19280	4820	2142	1205	771
Ø (m)	0.24	0.49	0.73	0.98	1.22

SPOT 7°

Dist. (m)	2	4	6	8	10

Lux	1853	463	206	116	74
Ø (m)	2.40	4.81	7.21	9.61	12.02

FLOOD 62°

Dist. (m)	2	4	6	8	10

AREA 05

Fresnel luminaire with a soft-edged
beam, variable from 7° to 62°
Barndoors optional

TESTED WITH LAMP CP89 650W 230V

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
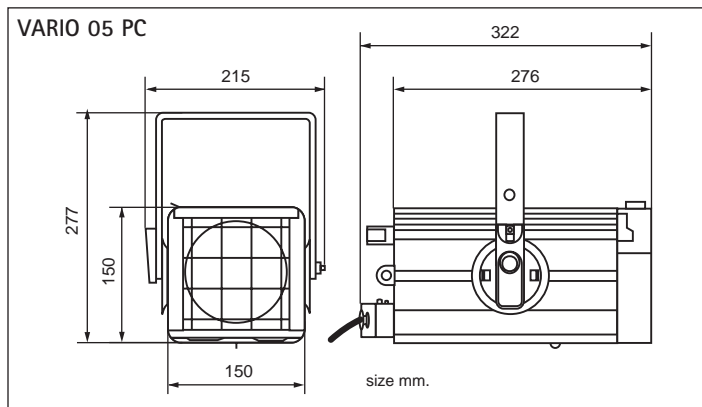- Compliance to CE EN 60598-2-17 standards

Optical

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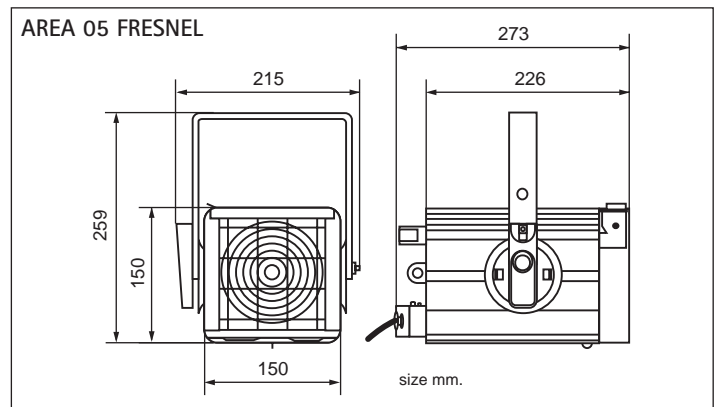
Mechanical

- 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

VARIO 05 PC

Net weight Kg 3.3 – Gross weight Kg 3.6 – Box volume m³ 0.017

AREA 05 FRESNEL

Net weight Kg 2.9 – Gross weight Kg 3.3 – Box volume m³ 0.017

Information for ordering accessories and different versions | Code

• Vario 05 PC with safety net	VA 05
• Area 05 Fresnel with safety net	AR 05
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	Long life (2950 °K)		Theatre (3050 °K)		Film/TV (3200 °K)		
Type / Order code	M 38	M 40	T 18	T26	CP 81	CP 82	CP 89
Power (W)	300	500	500	650	300	500	650
Lampholder	GY 9.5	GY 9.5	GY 9.5	GY 9.5	GY 9.5	GY 9.5	GY 9.5
Light-centre/base lamp distance (mm)	46.5	46.5	46.5	46.5	46.5	46.5	46.5
Luminous flux (Lumen)	5200	10000	11000	14500	7800	13500	17500
Life time (hours)	2000	2000	360	600	180	180	180
Colour temperature (°K)	2950	2950	3050	3050	3200	3200	3200
Supply voltage (V)	230	230	230	230	230	230	230
Nominal current (Amp.)	1.3	2.17	2.17	2.8	1.3	2.17	2.8

Plano-Convex (PC) and Fresnel

1000/1200W Halogen
Mod. Vario 12 - Area 12

VARIO 12

A plano-convex luminaire with a
defined beam, variable from 4° to 63°
Barndoors optional

Lux	17725	4431	1969	1108	709
Ø (m)	0.28	0.56	0.84	1.12	1.40

SPOT 4°

Dist. (m)	4	8	12	16	20

Lux	655	164	73	41	26
Ø (m)	4.90	9.80	14.71	19.61	24.51

FLOOD 63°

Dist. (m)	4	8	12	16	20

TESTED WITH LAMP CP90 1200W 230V

AREA 12

A Fresnel luminaire with a soft-edged
beam, variable from 7° to 53°
Barndoors optional

Lux	10269	2567	1141	642	411
Ø (m)	0.49	0.98	1.47	1.96	2.45

SPOT 7°

Dist. (m)	4	8	12	16	20

Lux	885	221	98	55	35
Ø (m)	4.0	8.1	12.1	16.1	20.2

FLOOD 53°

Dist. (m)	4	8	12	16	20

TESTED WITH LAMP CP90 1200W 230V

Technical features

Electrical

- Standard 230V, 50/60Hz power supply (others available on request)
- Lamp-holder type GX 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
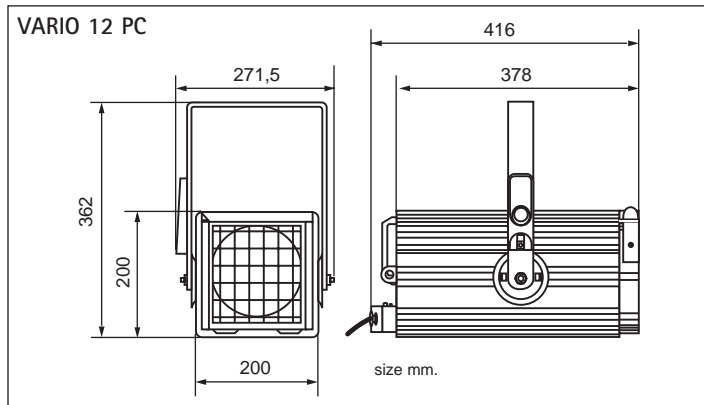- Compliance to CE EN 60598-2-17 standards

Optical

- Spherical reflector in 99.99% polished and treated aluminium: 100mm diameter
- 150mm diameter borosilicate lens mounted onto extended holders to allow ventilation
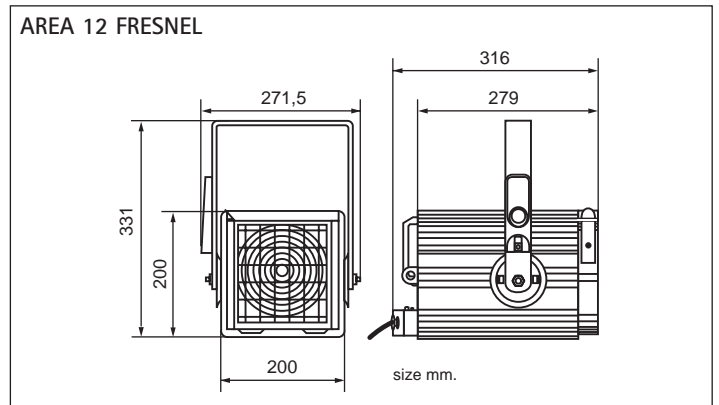
Mechanical

- Die-cast extruded aluminium housing
- External black 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
- Lamp-holder mounted onto an easily adjustable plate for 1000 to 1200 W lamps
- Focus adjustment by an endless screw mechanism operated by rear knob

VARIO 12 PC

Net weight Kg 6.6 – Gross weight Kg 7.7 – Box volume m³ 0.042

AREA 12 FRESNEL

Net weight Kg 5 – Gross weight Kg 6.2 – Box volume m³ 0.035

Information for ordering accessories and different versions	Code
• Vario 12 PC with safety net	VA 12
• Area 12 Fresnel with safety net	AR 12
Accessories	
• Colour filter frame	TC S12
• 4-door rotatable barndoors	PL 4 S12
• 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 12 PC	on request
• 100-120V lamp version	on request

Lamps	Theatre (3050 °K)			Film/TV (3200 °K)		
Type / Order code	**T21**	**T19**	**T29**	**CP 67**	**CP70**	**CP90**
Power (W)	**650**	**1000**	**1200**	**650**	**1000**	**1200**
Lampholder	GX9.5	GX9.5	GX9.5	GX9.5	GX9.5	GX9.5
Light-centre/base lamp distance (mm)	55	55	67	55	55	67
Luminous flux (Lumen)	13000	21500	27600	16500	25000	30000
Life time (hours)	900	750	480	400	200	240
Colour temperature (°K)	3050	3050	3050	3200	3200	3200
Supply voltage (V)	230	230	230	230	230	230
Nominal current (Amp.)	2.8	4.3	5.2	2.8	4.3	5.2

Plano-Convex (PC) and Fresnel
2000/2500W Halogen
Mod. Vario 25 - Area 25

VARIO 25

A plano-convex luminaire with a
defined beam, variable from 4° to 66°
Barndoors optional

Lux	23903	5976	2656	1494	956
Ø (m)	0.35	0.70	1.05	1.40	1.75

SPOT **4°**

Dist. (m)	5	10	15	20	25

Lux	880	220	98	55	35
Ø (m)	6.49	12.99	19.48	25.98	32.47

FLOOD **66°**

Dist. (m)	5	10	15	20	25

TESTED WITH LAMP CP91 2500W 230V

AREA 25

A Fresnel luminaire with a soft-edged
beam, variable from 7° to 65°
Barndoors optional

Lux	13124	3281	1458	820	525
Ø (m)	0.61	1.22	1.83	2.45	3.06

SPOT **7°**

Dist. (m)	5	10	15	20	25

Lux	1234	309	137	77	49
Ø (m)	6.37	12.74	19.11	25.48	31.85

FLOOD **65°**

Dist. (m)	5	10	15	20	25

TESTED WITH LAMP CP91 2500W 230V

Technical features

Electrical

- Standard 230V, 50/60Hz power supply (others available on request)
- Lamp-holder type G 22 (GY 16 optional)
- 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
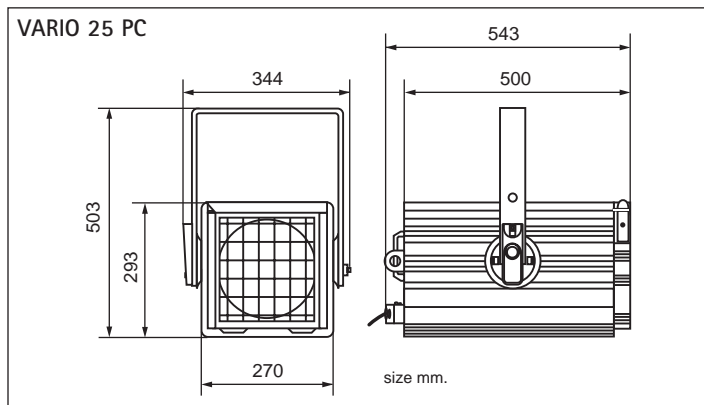- Compliance to CE EN 60598-2-17 standards

Optical

- Spherical reflector in 99.99% polished and treated aluminium; 150mm diameter
- 200mm diameter borosilicate lens mounted onto extended holders to allow ventilation
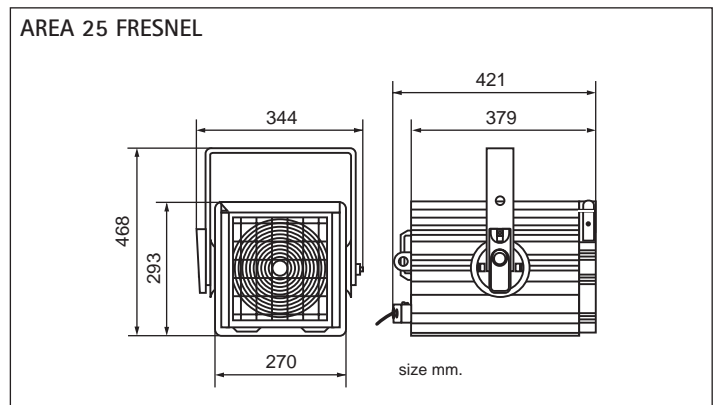
Mechanical

- Die-cast extruded aluminium housing
- External black 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
- High insulated knobs and handles
- Quick tilt positioning with fast-locking levers
- Lamp-holder mounted onto an easily adjustable plate for 2000 to 2500 W lamps
- Focus adjustment by an endless screw mechanism operated by rear knob

VARIO 25 PC

543 500 344 503 293 270 size mm.

Net weight Kg 13.1 – Gross weight Kg 15.1 – Box volume m³ 0.087

AREA 25 FRESNEL

421 379 344 468 293 270 size mm.

Net weigh Kg 10.1 – Gross weight Kg 12 – Box volume m³ 0.072

Information for ordering accessories and different versions — Code

	Code
• Vario 25 PC with safety net	
• Area 25 Fresnel with safety net	AR 25
Accessories	
• Colour filter frame	TC S25
• 4-door rotatable barndoors	PL 4 S25
• 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 25 PC	on request
• 100-120V lamp version	on request
• GY 16 lampholder version	on request

Lamps — Film/TV/Theatre (3200 °K)

Type / Order code	CP75	CP92	CP91	CP72 on request
Power (W)	**2000**	**2000**	**2500**	**2000**
Lampholder	G22	G22	G22	GY16
Light-centre/base lamp distance (mm)	75	90	90	70
Luminous flux (Lumen)	52000	52000	65000	50000
Life time (hours)	480	400	450	480
Colour temperature (°K)	3200	3200	3200	3200
Supply voltage (V)	230	230	230	230
Nominal current (Amp.)	8.6	8.6	10.8	8.6

Zoom profile spots
300/500/650W Halogen
Mod. Figura 05 ZS - Figura 05 ZW

FIGURA 05 ZS

14° to 33° zoom variable profile spot with shaping shutters and slots for Iris/Gobo holder

Lux	19431	4858	2159	1214	777
Ø (m)	0.49	0.98	1.47	1.96	2.46

NARROW BEAM 14°

Dist. (m)	2	4	6	8	10

Lux	10650	2663	1183	666	426
Ø (m)	1.18	2.37	3.55	4.74	5.92

WIDE BEAM 33°

Dist. (m)	2	4	6	8	10

TESTED WITH LAMP CP89 650W 230V

FIGURA 05 ZW

23° to 40° zoom variable profile spot with shaping shutters and slots for Iris/Gobo holder

Lux	14504	3626	1612	907	580
Ø (m)	0.81	1.63	2.44	3.26	4.07

NARROW BEAM 23°

Dist. (m)	2	4	6	8	10

Lux	8388	2097	932	524	336
Ø (m)	1.46	2.91	4.37	5.82	7.28

WIDE BEAM 40°

Dist. (m)	2	4	6	8	10

TESTED WITH LAMP CP89 650W 230V

Figura 05 ZS
Figura 05 ZW

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 (optional)
- Safety bond attachment
- Filter-frame locking system
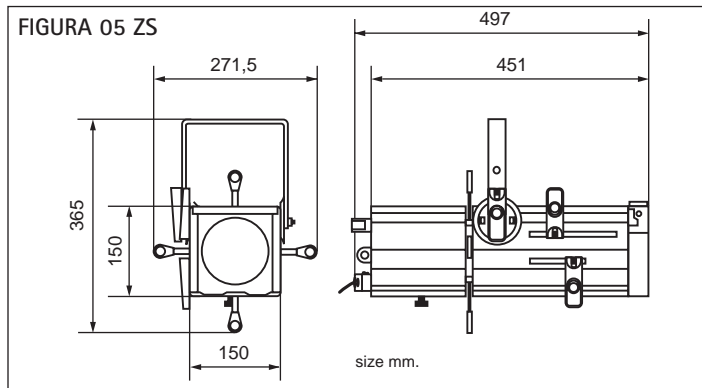- Compliance to CE EN 60598-2-17 standards

Optical
- Independent lens zoom system 14°–33° and 23°–40° (ZW)
- Ellipsoidal reflector in 99.99% polished and treated aluminium: 120mm diameter
- 18-leaf iris diaphragm (optional)
- 4 removable shaping shutters mounted between plates specially treated with an anti-abrasive surface
- 90mm optical tempered glass internal lens
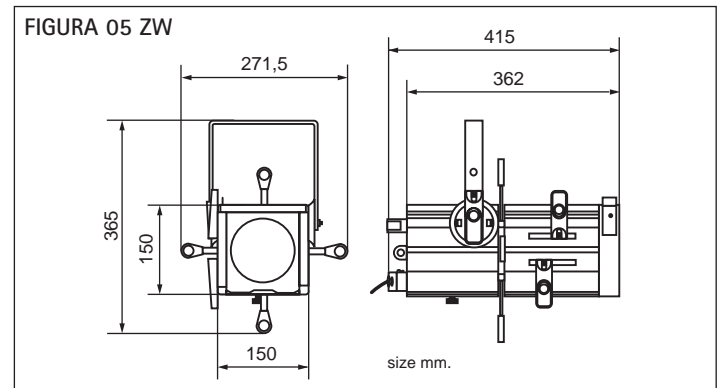- 110mm optical glass internal lens

Mechanical
- Die-cast extruded aluminium housing
- External black 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
- M and B size gobo holder slots covered by a sliding door to prevent the accessories from falling out and to avoid spill light
- Exclusively designed zoom and focusing system with fast locking levers
- Double sliding doors to access lenses for maintenance
- 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
- High thermal insulating knobs and handles
- Quick tilt positioning with fast locking levers

FIGURA 05 ZS

Net weight Kg 4.8 – Gross weight Kg 5.7 – Box volume m³ 0.038

FIGURA 05 ZW

Net weight Kg 4.5 – Gross weight Kg 5.5 – Box volume m³ 0.034

Information for ordering accessories and different versions	Code
• Figura 05 ZS (14°- 33°)	FI 05 ZS
• Figura 05 ZW (23°- 40°)	FI 05 ZW
Accessories	
• Colour filter frame	TC S05
• Safety mesh	R S05
• Safety bond	FUNE
• Gobo-holder for M size gobos	PGM 100
• Gobo-holder for B size gobos	PGB 100
• Iris diaphragm	DIA 05
• Iris diaphragm with black-out	DIA 05 BO
• 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	
• 100-120V lamp version	on request

Lamps	Long life (2950 °K)		Theatre (3050 °K)		Film/TV (3200 °K)		
Type / Order code	**M 38**	**M 40**	**T 18**	**T26**	**CP 81**	**CP 82**	**CP 89**
Power (W)	**300**	**500**	**500**	**650**	**300**	**500**	**650**
Lampholder	GY 9.5	GY 9.5	GY 9.5	GY 9.5	GY 9.5	GY 9.5	GY 9.5
Light-centre/base lamp distance (mm)	46.5	46.5	46.5	46.5	46.5	46.5	46.5
Luminous flux (Lumen)	5200	10000	11000	14500	7800	13500	17500
Life time (hours)	2000	2000	360	600	180	180	180
Colour temperature (°K)	2950	2950	3050	3050	3200	3200	3200
Supply voltage (V)	230	230	230	230	230	230	230
Nominal current (Amp.)	1.3	2.17	2.17	2.8	1.3	2.17	2.8

Zoom profile spots
1000/1200W Halogen
Mod. Figura 12 ZS - Figura 12 ZW

Lux	12530	3133	1392	783	501
Ø (m)	0.91	1.82	2.73	3.65	4.56

NARROW BEAM **13°**

| Dist. (m) | 4 | 8 | 12 | 16 | 20 |

Lux	4496	1124	500	281	180
Ø (m)	2.52	5.04	7.57	10.09	12.61

WIDE BEAM **35°**

| Dist. (m) | 4 | 8 | 12 | 16 | 20 |

TESTED WITH LAMP CP90 1200W 230V

FIGURA 12 ZS

13° to 35° zoom variable profile spot with shaping shutters and slots for Iris/Gobo holder

Lux	9233	2308	1026	577	369
Ø (m)	1.70	3.40	5.10	6.80	8.50

NARROW BEAM **24°**

| Dist. (m) | 4 | 8 | 12 | 16 | 20 |

Lux	2835	709	315	177	113
Ø (m)	3.73	7.46	11.19	14.92	18.65

WIDE BEAM **50°**

| Dist. (m) | 4 | 8 | 12 | 16 | 20 |

FIGURA 12 ZW

24° to 50° zoom variable profile spot with shaping shutters and slots for Iris/Gobo holder

TESTED WITH LAMP CP90 1200W 230V

Figura 12 ZS
Figura 12 ZW

Technical features

Electrical
- Standard 230V, 50/60Hz power supply (others available on request)
- Lamp-holder type GX 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 (optional)
- Safety bond attachment
- Filter-frame locking system
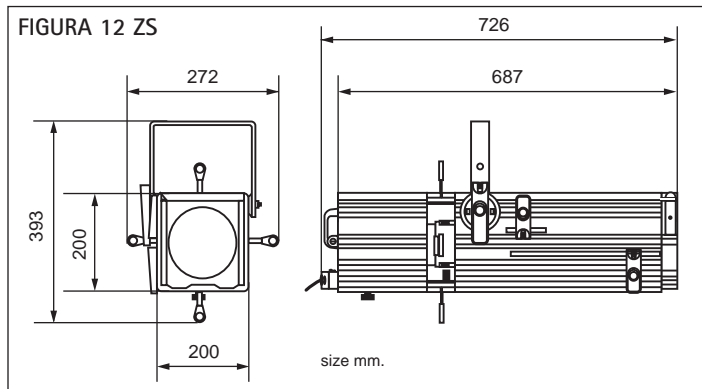- Compliance to CE EN 60598-2-17 standards

Optical
- Independent lens zoom system 13°-35° (ZS) and 24°-50° (ZW)
- Ellipsoidal reflector in 99.99% polished and treated aluminium: 150mm diameter
- 18-leaf iris diaphragm (optional)
- 4 removable shaping shutters mounted between plates specially treated with an anti-abrasive surface
- 110mm optical tempered glass internal lens
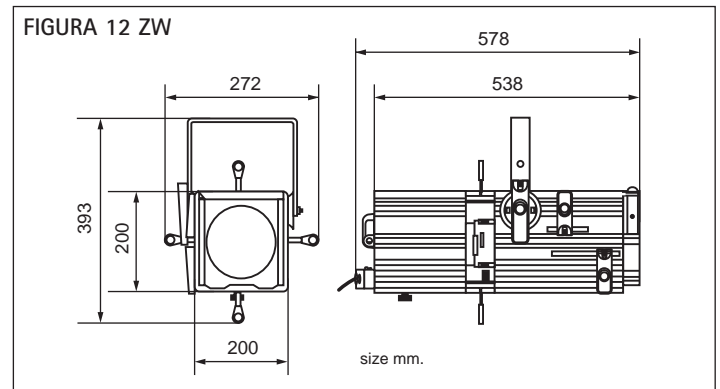- 150mm optical glass internal lens

Mechanical
- Die-cast extruded aluminium housing
- External black 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
- B size gobo holder slots covered by a sliding door to prevent the accessories from falling out and to avoid spill light
- Exclusively designed zoom and focusing system with fast locking levers
- Double sliding door to access lenses for maintenance
- 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
- Peak/Even beam setting and fine adjustment of lamp-to-mirror position for 1000/1200W lamps
- Removable lantern and optics

FIGURA 12 ZS

Net weight Kg 9.8 – Gross weight Kg 11.5 – Box volume m³ 0.086

FIGURA 12 ZW

Net weight Kg 9.1 – Gross weight Kg 10.7 – Box volume m³ 0.070

Information for ordering accessories and different versions	Code
• Figura 12 ZS (13°-35°)	FI 12 ZS
• Figura 12 ZW (24°- 50°)	FI 12 ZW
Accessories	
• Colour filter frame	TC S12
• Safety mesh	R S12
• Safety bond	FUNE
• Gobo-holder for B size gobos	PGB 130
• Iris diaphragm	DIA 10
• Iris diaphragm with black-out	DIA 10 BO
• 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	
• 100-120V lamp version	on request

Lamps	Theatre (3050 °K)			Film/TV (3200 °K)			
Type / Order code	T21	T19	T29	CP 67	CP70	CP90	CP63
Power (W)	**650**	**1000**	**1200**	**650**	**1000**	**1200**	**1000**
Lampholder	GX9.5	GX9.5	GX9.5	GX9.5	GX9.5	GX9.5	GX9.5
Light-centre/base lamp distance (mm)	55	55	67	55	55	67	55
Luminous flux (Lumen)	13000	21500	27600	16500	25000	30000	Reflector
Life time (hours)	900	750	480	400	200	240	180
Colour temperature (°K)	3050	3050	3050	3200	3200	3200	3200
Supply voltage (V)	230	230	230	230	230	230	230
Nominal current (Amp.)	2.8	4.3	5.2	2.8	4.3	5.2	4.3

Zoom profile spots
2000/2500W Halogen
Mod. Figura 25 ZS - Figura 25 ZW

FIGURA 25 ZS

9° to 25° zoom variable profile spot
with shaping shutters and slots for
Iris/Gobo holder

Lux	22152	5538	2461	1384	886
Ø (m)	0.79	1.57	2.36	3.15	3.94

NARROW BEAM 9°

Dist. (m)	5	10	15	20	25

Lux	8028	2007	892	502	321
Ø (m)	2.22	4.43	6.65	8.87	11.08

WIDE BEAM 25°

Dist. (m)	5	10	15	20	25

TESTED WITH LAMP CP91 2500W 230V

FIGURA 25 ZW

17° to 36° zoom variable profile spot
with shaping shutters and slots for
Iris/Gobo holder

Lux	16291	4073	1810	1018	652
Ø (m)	1.49	2.99	4.48	5.98	7.47

NARROW BEAM 17°

Dist. (m)	5	10	15	20	25

Lux	4270	1068	474	267	171
Ø (m)	3.25	6.50	9.75	13.0	16.25

WIDE BEAM 36°

Dist. (m)	5	10	15	20	25

TESTED WITH LAMP CP91 2500W 230V

Figura 25 ZS
Figura 25 ZW

Technical features

Electrical
- Standard 230V, 50/60Hz power supply (others available on request)
- Lamp-holder type G 22 (GY 16 optional)
- 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 (optional)
- Safety bond attachment
- Filter-frame locking system
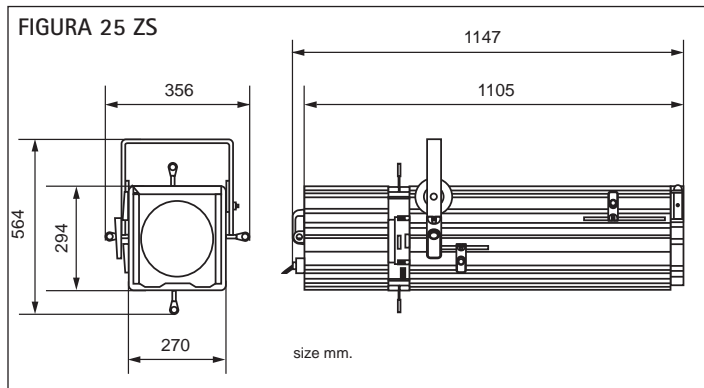- Compliance to CE EN 60598-2-17 standards

Optical
- Independent lens zoom system 9°-25° (ZS) and 17°-36° (ZW)
- Ellipsoidal reflector in 99.99% polished and treated aluminium: 190mm diameter
- 18-leaf iris diaphragm (optional)
- 4 removable shaping shutters mounted between plates specially treated with an anti-abrasive surface
- 150mm optical tempered glass internal lens
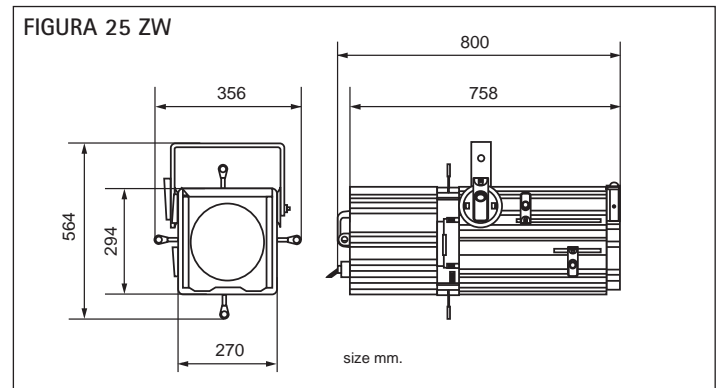- 230mm optical glass internal lens

Mechanical
- Die-cast extruded aluminium housing
- External black 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
- A size and B size gobo holder slots covered by a sliding door to prevent the accessories from falling out and to avoid light spilling
- Exclusively designed zoom and focusing system with fast locking levers
- Double sliding door to access lenses for maintenance
- Lamp-tray hinged to the housing and totally 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
- Peak/Even beam setting and fine adjustment of lamp-to-mirror position for 2000/2500W lamps
- Removable lantern and optics

FIGURA 25 ZS

Net weigh Kg 25.1 – Gross weight Kg 30.4 – Box volume m³ 0.230

FIGURA 25 ZW

Net weigh Kg 21.3 – Gross weight Kg 27.8 – Box volume m³ 0.230

Information for ordering accessories and different versions	Code
• Figura 25 ZS (9°-25°)	FI 25 ZS
• Figura 25 ZW (17°-36°)	FI 25 ZW
Accessories	
• Colour filter frame	TC S25
• Safety mesh	R S25
• Safety bond	FUNE
• Gobo-holder for B size gobos	PGB 185
• Gobo-holder for A size gobos	PGA 185
• Iris diaphragm	DIA 20
• Iris diaphragm with black-out	DIA 20 BO
• 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 adaptor	PIVOT DIN
• Aluminium clamp for 50mm diameter tubes	HC / 500
• Superclamp	CLAMP
• Colour changing scroller, DMX 512 or 0/10V controlled	on request
Options	
• 100-120V lamp version	on request
• GY 16 lampholder version	on request

Lamps	Theatre/Film/TV (3200 °K)			
Type / Order code	**CP75**	**CP92**	**CP91**	**CP72 on request**
Power (W)	**2000**	**2000**	**2500**	**2000**
Lampholder	G22	G22	G22	GY16
Light-centre/base lamp distance (mm)	75	90	90	70
Luminous flux (Lumen)	50000	50000	65000	50000
Life time (hours)	480	400	450	480
Colour temperature (°K)	3200	3200	3200	3200
Supply voltage (V)	230	230	230	230
Nominal current (Amp.)	8.6	8.6	10.8	8.6

Spotlight reserve the right to change specification without prior notice

SPOTLIGHT

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Teatro Alla Scala – Foto di A. Tamoni