

## Ceramic ST™



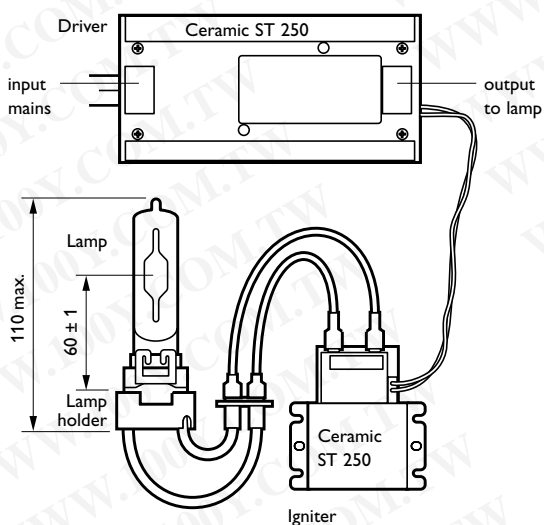
Ceramic ST™ 250 HR



Ceramic ST™ 500 HR



MSR™ 250 HR



勝特力材料 886-3-5753170  
勝特力电子(上海) 86-21-54151736  
勝特力电子(深圳) 86-755-83298787  
[Http://www.100y.com.tw](http://www.100y.com.tw)

### Features

Ceramic Discharge Technology.

### Benefits

- Due to 4 times less heat production compared to halogen, smaller fixtures can be used and less cooling is needed.
- Due to 4 times less power consumption for same light level as halogen, smaller fixtures can be used and less cooling is needed.
- Attractive cost of ownership, less replacement costs. Longer lifespan compared to halogen (250W: 8 times longer; 500W: 4 times longer) Payback time is < 2 year.
- Discharge lamp of 3200K color temperature with excellent color characteristics and homogeneous beam quality.

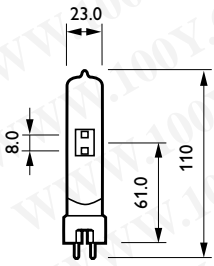
### Applications

- Studio.
- Theatre.

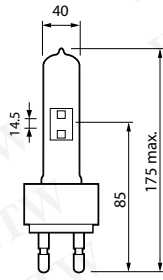
### Note:

MSR 250 HR is the daylight alternative for Ceramic ST 250 HR. It is exchangeable in the same fixture.

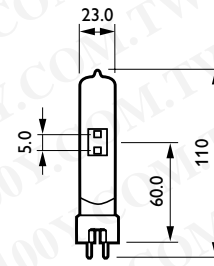
Ceramic ST™



Ceramic ST™ 250 HR  
(Dimensions in mm)



Ceramic ST™ 500 HR



MSR™ 250 HR

**System specifications Ceramic ST 250 HR**

Dimensions ballast (mm)	155 x 87 x 55
Bulb outer diameter (mm)	22.5
Dimensions igniter (mm)	78 x 75 x 33
Distance igniter/lamp (cm)	25 max
Distance igniter/driver (cm)	50 max
Power Factor Corrected	yes
Electro Magnetic Interference included	yes
Mains voltage range	90-265V / 50-60 Hz

**System specifications MSR 250 HR**

Dimensions ballast (mm)	155 x 87 x 55
Bulb outer diameter (mm)	22.5
Dimensions igniter (mm)	78 x 75 x 33
Distance igniter/lamp (cm)	25 max
Distance igniter/driver (cm)	100 max
Power Factor Corrected	yes
Electro Magnetic Interference included	yes
Mains voltage range	90-265 V / 50-60 Hz

**Ceramic ST 250 HR ordering**

Lamps (4 pieces)	9281 735 05108
System*	9144 999 93200
Driver	3222 021 30381
Ignitor	3222 021 30391

\* System consists of Driver Ignitor & Lamp

**Ceramic ST 500 HR ordering**

Lamps (4 pieces)	9281 758 05100
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**MSR 250 HR ordering**

Lamps (4 pieces)	9281 756 05108
System*	9144 999 93200

\* System consists of Ballast Ignitor & Lamp

Ceramic ST™

Lamp specifications Ceramic ST 250 HR		Lamp specifications Ceramic ST 500 HR		Lamp specifications MSR 250 HR	
Lamp Wattage (W)	250 W	Lamp Wattage (W)	500 W	Lamp Wattage (W)	250 W
Cap/base	GZY9.5	Lamp Voltage (V)	90 V	Cap/base	GZY9.5
Light output (lumen)	22000 lm	Cap/base	GY22	Light output (lumen)	20000 lm
Efficacy (lm/W)	88	Light output (lumen)	45000 lm	Efficacy (lm/W)	80
Chromaticity co-ordinates	x 0,416 / y 0,392	Efficacy (lm/W)	90	Chromaticity co-ordinates	x 0,323 / y 0,328
Colour rendering index (CRI)	> 90	Chromaticity co-ordinates	x 0,416 / y 0,392	Color rendering index (CRI)	> 90
Colour temp. (Kelvin)	3200	Colour rendering index (CRI)	90	Colour temp. (Kelvin)	6000
Burning position	ANY	Colour temp. (Kelvin)	3200*	Burning position	ANY
Average lamp life (hrs)	4000	Burning position	ANY	Average lamp life (hrs)	500
Replacement before (hrs)	4500	Average lamp life (hrs)	1000	Replacement before (hrs)	700
Lumen maintenance at 2000 hrs (%)	> 75	Replacement before (hrs)	1200	Nominal lamp voltage (V)	96 V
Lamp current (A)	2.6	Lumen maintenance at 1000 hrs (%)	> 60	Nominal lamp current (A)	2.6 A
		Lamp current (A)	6.2		

\* measured in fixture

Dealer stamp