



**PHILIPS**

MSR Gold™ Range

# Performance you can rely on

Philips MSR Gold™ – Entertainment  
lamps for the Real Artist

# Performance you can rely on

Philips MSR Gold™ lamps have become the gold standard for reliable entertainment lighting, providing stable performance over the entire length of their long life.



Philips P3 technology for reliability, compactness and quality

## These highly valued lamps bring rich benefits for rental houses and lighting designers alike:

- Constant high light output, whilst maintaining efficiency
- Great color rendering (and pure white light!)
- Universal burning position
- Compactness, which simplifies design

## Technology in the spotlight

MSR Gold™ lamps owe their remarkable qualities to a triad of technical advances: Philips P3 technology, the gold coating, and the ELSAM electrode. This unique combination of technologies results in benefits that cannot be matched by any other approach today.

## A range of options

MSR Gold™ lamps are available with different fittings, offering even more choice in fixture design. This includes the patented FastFit concept with its rear load lamp-base system, which makes it possible to replace lamps in just seconds!

- MSR Gold™ FastFit – for lamp replacement in seconds
- MSR Gold™ MiniFastFit – for even smaller, lighter fixtures
- MSR Gold™ SA Double Ended – for extended performance



MSR Gold™ FastFit



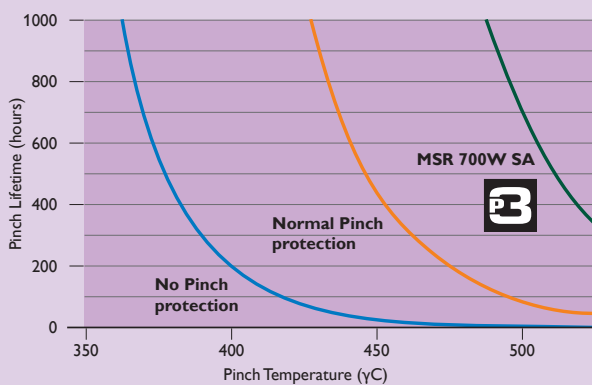
MSR Gold™ MiniFastFit



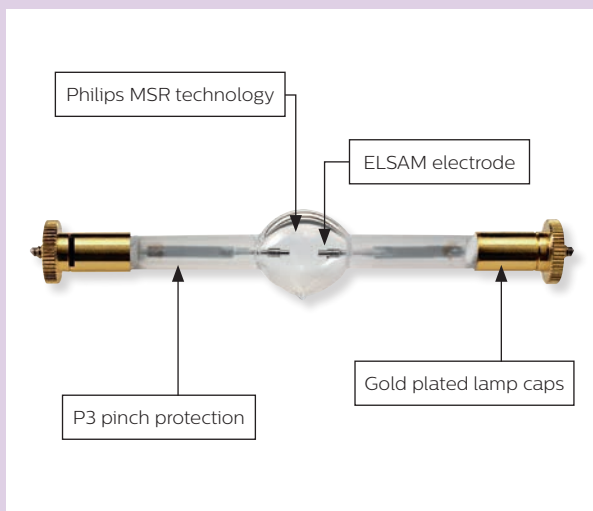
MSR Gold™ SA Double Ended

# For long-term reliability, choose Gold

Each of the three technologies at the heart of Philips' MSR Gold™ lamps brings benefits in its own right. That's what makes this innovative combination so powerful.



P3 Pinch protection ensures longer lifetime, more design freedom and fewer early failures.



## Philips P3 pinch protection (with special chromium coating) means that lamps...

- Are more stable over their lifetime, offering consistent performance under various ambient temperatures
- Can be used in compact fixtures
- Can be stored for a longer time in different environments

## Golden coated caps (double-ended types) or pins (FastFit types) ensure the lamps...

- Provide better connection with the lamp holder, with no arcing or short circuits
- Offer better protection against higher temperatures and humidities
- Can be stored for a longer time in different environments

## ELSAM electrode with special coil means the lamps...

- Provide easy ignition
- Exhibit less tungsten evaporation (and hence reduced electrode consumption), which results in more stable lumen maintenance and less color shift over the lamp's lifetime
- Have better protected walls due to less tungsten deposition

## Philips MSR technology

- White color impression
- High color rendering

# MSR Gold™ lamps overview

## Specifications: MSR Gold™ MiniFastFit range with PGJX28 cap/base, 1000W MiniFastFit with PGJX36 cap/base

Type	Nominal lamp wattage (W)	Arc size (mm)	Lumen output (lm)	Efficacy source (lm/W)	Colour temp (K)	CRI (Ra)	Max allowable pinch temp (°C)	Average lamp life (h)	Nominal lamp current (A)	Ordering number
Philips MSR Gold™ 300/2 MiniFastFit	300	5	23,000	75	8,300	80	350	750	3.8	9281 771 05115
Philips MSR Gold™ 400 MiniFastFit	400	3	26,000	65	6,700	60	500	750	7.2	9281 940 05114
Philips MSR Gold™ 575/2 MiniFastFit	575	3.5	38,600	64	7,500	70	350	750	10.2	9281 840 05115
Philips MSR Gold™ 700 MiniFastFit	700	3.5	50,000	68	6,000	73	500	750	10.9	9281 941 05114
Philips MSR Gold™ 700/1 MiniFastFit	700	3.8	53,400	76	5,700	73	500	750	10.2	9281 974 05115
Philips MSR Gold™ 700/2 MiniFastFit	700	3.8	50,000	69	7,300	75	500	750	10.2	9281 999 05115
Philips MSR Gold™ 1000 MiniFastFit	1000	5.5	83,000	>83	6,000	81	500	900	11.1	9281 714 05115

For all lamps: Replacement before 850 hours; can be used in any burning position

## Specifications: MSR Gold™ FastFit range with PGJX50 cap/base

Type	Nominal lamp wattage (W)	Arc size (mm)	Lumen output (lm)	Efficacy source (lm/W)	Colour temp (K)	CRI (Ra)	Max allowable pinch temp (°C)	Average lamp life (h)	Nominal lamp current (A)	Ordering number
Philips MSR Gold™ 700 FastFit	700	4	50,000	71	6,000	80	500	750	10	9281 060 05115
Philips MSR Gold™ 700/2 FastFit	700	4	50,000	71	7,500	75	500	750	10	9281 062 05114
Philips MSR Gold™ 1200 FastFit*	1,200	5	95,000	80	6,000	80	500	750	13	9281 750 05115
Philips MSR Gold™ 1500 FastFit	1,500	6.3	120,000	80	6,000	80	500	750	15.3	9281 073 05115
Philips MSR Gold™ 1500/1 FastFit	1,500	6.3	127,500	85	5,700	>94	500	750	15.3	9281 089 05115
Philips MSR Gold™ 2000 FastFit	2,000	8	162,000	85	6,000	91	500	750	15	9281 769 05114
Philips MSR Gold™ 2000/1 FastFit	2,000	7	160,000	80	5,800	>93	500	750	18.2	9284 101 05114
Philips MSR Gold™ 2000/2 FastFit	2,000	8	160,000	80	7,500	85	500	750	15	9281 061 05114
Philips MSR Gold™ 2500/2 FastFit	2,500	9.5	193,000	77	7,200	85	500	750	19.5	9281 064 05115

For all lamps: Replacement before 850 hours; can be used in any burning position

\* Can also be operated at 1400W

## Specifications: MSR Gold™ SA Double Ended range

Type	Nominal lamp wattage (W)	Cap/ base	Lumen output (lm)	Efficacy source (lm/W)	Colour temp (K)	CRI (Ra)	Average lamp life (h)	Nominal lamp current (A)	Ordering number
Philips MSR Gold™ 575 SA/2 DE	575	SFC-11	42,000	73	7,500	75	750	7	9281 751 05114
Philips MSR Gold™ 700 SA/2 DE	700	SFC10-4	56,000	80	7,500	75	750	11.5	9281 747 05115
Philips MSR Gold™ 1200 SA/DE	1,200	SFC10-4	106,000	91	6,000	85	750	13.6	9280 996 05115
Philips MSR Gold™ 1200 SA/2 DE	1,200	SFC10-4	103,000	86	7,500	85	750	13.6	9281 753 05115
Philips MSR Gold™ 1510 SA/DE	1,500	SFC10-4	140,000	93	6,000	85	750	13.5	9281 766 05115
Philips MSR Gold™ 1510 SA/1 DE	1,500	SFC10-4	142,000	95	5,600	>90	750	13.5	9284 100 05115

For all lamps: Can be used in any burning position



Philips MSR Gold™  
1500 FastFit



PGJX50 FastFit



Lamp holder  
PGJX50 FastFit



Philips MSR Gold™  
575/2 MiniFastFit



PGJX28 MiniFastFit



Lamp holder PGJX28  
MiniFastFit

# Design-in overview

## Fixture brand

High End Systems

Coemar

High End Systems

LDR

PR Lighting

Omarte

Fine Art

Golden Sea

Acme

Coemar

Fine Art

Golden Sea

Jolly Hongcai

Martin

Philips VariLite

PR Lighting

Robe

SGM Elettronica

Acme

Chauvet

Coef

Coemar

D.T.S.

Elation

Futurelight

Golden Sea

iSolution

Jolly Hongcai

Philips VariLite

PR Lighting

PRG

Robe

Robert Juliat

SGM Elettronica

Siluj

Goboservice

Golden Sea

Jolly Hong Cai

Martin

Acme

Chauvet

Clay Paky

Coemar

D.T.S.

Fine Art

iSolution

Jolly Hongcai

PROEL

SGM Elettronica

Acme

High End Systems

D.T.S.

PROEL

Clay Paky

Philips VariLite

## Fixture type

Showbeam 2.5 / Showgun 2.5

Infinity Multiray

Showgun

Canto 2000

PR 6000 Wash/FS / PR 6000 Framing / PR 6000 Spot

2000W Followspot

Fine 1500E PERF

V2500S Spot

Xperior 1500 WZ Wash / Xperior 1500SZ Spot

Infinity Spot XL

Fine II 1500E Beam / Fine II 1500E Wash / Fine II Performance / Fine III 1500E Spot

Terbly V-2000 Profile / V2000W Wash / V2500S Spot / V3000P / V3000P Profile

Color Beam 1500PF / Color Spot 1500PF / Color Wash 1500PF / Color Wash 1200PF

MAC III

VL6000 Beam

PR-5000 Beam / PR-5000 Spot

ColorBeam 2500E AT / ColorSpot 2500E AT / ColorWash 2500E AT

Giotto Beam 1500 / Giotto Digital 1500 / Giotto Profile 1500 / Giotto Spot 1500 / Giotto Wash 1500

Xperior 1200SZ Spot / Xperior 1200SZA Spot / Xperior 1200WZ Wash / Xperior 1200WZA Wash

LEGEND 1200E Spot / LEGEND 1200E Wash

XP 1200

Infinity Wash XL

XR1200 Wash / XR3000 Beam CMY / XR3000 Spot CMY

DESIGN Spot 1400 / DESIGN Wash 1400

PHS-1400E

Terbly V1400S-E / Terbly V1400W-E

XP-1200beam / XP-1200SZ / XP-1200WZ

Color Spot 1200EF

VL4000 BeamWash / VL4000 Spot

PR3000 / XL1800

Bad Boy CMY Spot

ColorSpot 2500E AT / ColorWash 2500E AT

Topaze / Manon

Giotto Beam 1500 / Giotto digital 1500 / Giotto Profile 1500 / Giotto Spot 1500 / Giotto Wash 1500

Triton Blue V-1201 / Triton blue V-1202

Golux 1000

V1000LT Profile / V1000P Profile

X-1000 Spot / X-1000 Spot Profile

Mac Viper AirFX / Mac Viper Beam / Mac Viper Performance / Mac Viper Profile / Mac Viper Quadray / Mac Viper Wash / Mac Viper Wash DX

Xperior 700A Beam / Xperior 700SZ Spot

LEGEND 700E Beam / LEGEND 700E Spot

ALPHA BEAM 700 / ALPHA PROFILE 700 / ALPHA SPOT HPE 700 / ALPHA WASH 700 / ALPHA WASH 700 Grand

Infinity ACL SM / Infinity Spot M / Infinity Wash M

XR750 Wash

Fine I 700E Beam / Fine I 700E Performance / Fine I 700E Spot / Fine I 700E Wash

XP-700beam MN / XP-700SZ MN / XP-700WZ MN

FL-700 Beam PF / FL-700 Spot PF / MH-700 BEAM / MH-700 SPOT

Arrow Compact 700 Beam / Arrow Compact 700 Spot

G700 Beam / G700 Spot / G700 Wash / Synthesis 700 Spot / Synthesis 700 Wash

Xperior 700SZA Spot / Xperior 700WZA Wash

Technobeam II Extreme / Technobeam II Supreme

XR 700 / XR2000 Beam / XR2000 Spot / XR2000 Spot CMY / XR700 Spot / XR700 Wash

Arrow 700 Wash

Alpha Profile 700

VL770 Spot

## Philips lamp type

MSR Gold 2500/2 FastFit

MSR Gold 2000/2 FastFit

MSR Gold 2000/2 FastFit

MSR Gold 2000/2 FastFit

MSR Gold 2000/1 FastFit

MSR Gold 2000 FastFit

MSR Gold 1510/1 SA/DE

MSR Gold 1510 SA/DE

MSR Gold 1500 FastFit

MSR Gold 1500 FastFit

MSR Gold 1500 FastFit

MSR Gold 1500 FastFit

MSR Gold 1500 FastFit

MSR Gold 1500 FastFit

MSR Gold 1500 FastFit

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MSR Gold 700/2 FastFit

MSR Gold 700/2 FastFit

MSR Gold 700/1 MiniFastFit

MSR Gold 700 MiniFastFit







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