



**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

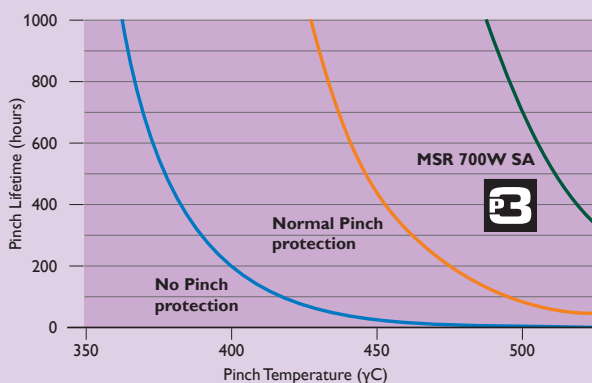


MSR Gold™ FastFit

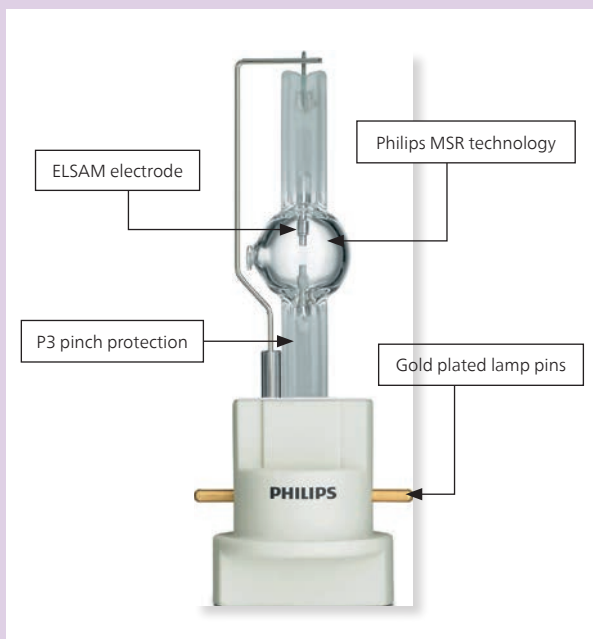
MSR Gold™ MiniFastFit

# 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 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	22,700	75	7,750	78	350	750	3.8	9281 771 05115
Philips MSR Gold™ 400 MiniFastFit	400	3	28,000	65	6,400	60	500	750	7.2	9281 940 05114
Philips MSR Gold™ 575/2 MiniFastFit	575	3.5	36,800	64	7,700	68	500	750	10.2	9281 840 05115
Philips MSR Gold™ 700 MiniFastFit	700	3.5	49,000	70	8,550	72	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	47,000	70	7,200	75	500	750	10.2	9281 999 05115
Philips MSR Gold™ 1000 MiniFastFit	1000	5.5	79,300	82	6,000	80	500	900	11.4	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	54,000	76	6,000	79	500	750	10	9281 060 05115
Philips MSR Gold™ 700/2 FastFit	700	4	48,000	68	7,300	73	500	750	10	9281 062 05114
Philips MSR Gold™ 1200 FastFit*	1,200	5	93,000	78	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™ 1500/2 FastFit**	1,500	6.3	116,000	77	7,200	77	500	750	16.1	9284 103 05115
Philips MSR Gold™ 2000 FastFit	2,000	8	162,000	81	6,050	91	500	750	15.2	9281 769 05114
Philips MSR Gold™ 2000/1 FastFit	2,000	7	172,000	86	5,700	90	500	750	18.2	9284 101 05114
Philips MSR Gold™ 2000/2 FastFit	2,000	8	157,000	78	7,800	88	500	750	15.4	9281 061 05114
Philips MSR Gold™ 2500/2 FastFit	2,500	9.5	195,500	78	7,100	88	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

\*\* MSR Gold 1500 FastFit, 1500/1 FastFit and 1500/2 FastFit are interchangeable



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

## Fixture type

## Philips lamp type

High End Systems	Showbeam 2.5 / Showgun 2.5
Coemar	Infinity Multiray
High End Systems	Showgun
LDR	Canto 2000
PR Lighting	PR 6000 Wash/FS / PR 6000 Framing / PR 6000 Spot
Omarte	Topower 2000
Acme	Xperior 1500 WZ Wash / Xperior 1500SZ Spot
Coemar	Infinity Spot XL
Fine Art	Fine II 1500E Beam / Fine II 1500E Wash / Fine II Performance / Fine III 1500E Spot
Golden Sea	V3000P / V3000P Profile / V2000W Wash / Terbly V-2000 Profile / V2500S Spot
Jolly Hongcai	Color Beam 1500PF / Color Spot 1500PF / Color Wash 1500PF / Color Wash 1200PF
Martin	MAC III
Philips VariLite	VL6000 Beam
PR Lighting	PR-5000 Beam / PR-5000 Spot
Robe	ColorBeam 2500E AT / ColorSpot 2500E AT / ColorWash 2500E AT
SGM Elettronica	Giotto Beam 1500 / Giotto Digital 1500 / Giotto Profile 1500 / Giotto Spot 1500 / Giotto Wash 1500
Acme	Xperior 1200SZ Spot / Xperior 1200SZA Spot / Xperior 1200WZ Wash / Xperior 1200WZA Wash
Chauvet	LEGEND 1200E Spot / LEGEND 1200E Wash
Coef	XP 1200
Coemar	Infinity Wash XL
D.T.S.	XR1200 Wash / XR3000 Beam CMY / XR3000 Spot CMY
Elation	DESIGN Spot 1400 / DESIGN Wash 1400
Futurelight	PHS-1400E
Golden Sea	Terbly V1400S-E / Terbly V1400W-E
iSolution	XP-1200beam / XP-1200SZ / XP-1200WZ
Jolly Hongcai	Color Spot 1200EF
Philips Selecon	Rua / Tahī / TORU
Philips VariLite	VL4000 BeamWash / VL4000 Spot
PR Lighting	PR3000 / XL1800
PRG	Bad Boy CMY Spot
Robe	ColorSpot 2500E AT / ColorWash 2500E AT
Robert Juliat	Topaze / Manon
SGM Elettronica	Giotto Beam 1500 / Giotto digital 1500 / Giotto Profile 1500 / Giotto Spot 1500 / Giotto Wash 1500
Siluj	Triton Blue V-1201 / Triton blue V-1202
Golden Sea	V1000LT Profile / V1000P Profile
Jolly Hong Cai	X-1000 Spot / X-1000 Spot Profile
Martin	Mac Viper AirFX / Mac Viper Beam / Mac Viper Performance / Mac Viper Profile / Mac Viper Quadray / Mac Viper Wash / Mac Viper Wash DX
Acme	Xperior 700A Beam / Xperior 700SZ Spot
Chauvet	LEGEND 700E Beam / LEGEND 700E Spot
Clay Paky	ALPHA BEAM 700 / ALPHA PROFILE 700 / ALPHA SPOT HPE 700 / ALPHA WASH 700 / ALPHA WASH 700 Grand
Coemar	Infinity ACL SM / Infinity Spot M / Infinity Wash M
D.T.S.	XR750 Wash
Fine Art	Fine I 700E Beam / Fine I 700E Performance / Fine I 700E Spot / Fine I 700E Wash
iSolution	XP-700beam MN / XP-700SZ MN / XP-700WZ MN
Jolly Hongcai	FL-700 Beam PF / FL-700 Spot PF / MH-700 BEAM / MH-700 SPOT
PROEL	Arrow Compact 700 Beam / Arrow Compact 700 Spot
SGM Elettronica	G700 Beam / G700 Spot / G700 Wash / Synthesis 700 Spot / Synthesis 700 Wash
Acme	Xperior 700SZA Spot / Xperior 700WZA Wash
High End Systems	Technobeam II Extreme / Technobeam II Supreme
D.T.S.	XR 700 / XR2000 Beam / XR2000 Spot / XR2000 Spot CMY / XR700 Spot / XR700 Wash
PROEL	Arrow 700 Wash
Clay Paky	Alpha Profile 700
Philips VariLite	VL770 Spot
Feiyang	YW-0805 color 700
iSolution	XP-700beam / XP-700SZ / XP-700WZ
Jolly Hongcai	Color Spot 700 PF

MSR Gold 2500/2 FastFit
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MSR Gold 700/2 FastFit
MSR Gold 700/1 MiniFastFit
MSR Gold 700 MiniFastFit
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MSR Gold 700 FastFit
MSR Gold 700 FastFit

Fixture brand	Fixture type	Philips lamp type
Clay Paky	Alpha Profile 700	MSR Gold 700/1 MiniFastFit
Philips VariLite	VL770 Spot	MSR Gold 700 MiniFastFit
Feiyang	YW-0805 color 700	MSR Gold 700 FastFit
iSolution	XP-700beam / XP-700SZ / XP-700WZ	MSR Gold 700 FastFit
Jolly Hongcai	Color Spot 700 PF	MSR Gold 700 FastFit
Qmaxz	QME 700P	MSR Gold 700 FastFit
Robe	ColorBeam 700E AT / ColorSpot 700E AT / ColorWash 700E AT	MSR Gold 700 FastFit
SGM Elettronica	Giotto 700 spot	MSR Gold 700 FastFit
Coemar	Infinity ACL SM / Infinity Spot M / Infinity Wash M	MSR Gold 575/2 MiniFastFit
High End Systems	Technospot	MSR Gold 575/2 MiniFastFit
Robe	Robin 600E Beam / Robin 600E Spot / Robin 600E Wash	MSR Gold 575/2 MiniFastFit
Siluj	SCANNER VIVA 575	MSR Gold 575/2 MiniFastFit
Philips VariLite	VL400 / VL440	MSR Gold 400 MiniFastFit
Elation	300 Spot / 300 Wash	MSR Gold 300/2 MiniFastFit
Jolly Hongcai	MH-300 BEAM / MH-300 SPOT	MSR Gold 300/2 MiniFastFit
PROEL	Arrow Compact 300 Beam / Arrow Compact 300 Spot	MSR Gold 300/2 MiniFastFit
Siluj	Triton Blue V300 Beam	MSR Gold 300/2 MiniFastFit
Spotlight	MIDI PR CST CRM	MSR Gold 300/2 MiniFastFit
Acme	Xperior 300A Beam / Xperior 300SZ Spot	MSD Gold 300/2 MiniFastFit
Chauvet	LEGEND 300E Beam / LEGEND 300E Spot	MSD Gold 300/2 MiniFastFit
Clay Paky	ALPHA BEAM 300 / ALPHA SPOT 300 / ALPHA SPOT HPE 300 / ALPHA WASH 300	MSD Gold 300/2 MiniFastFit
Coemar	Infinity ACL S / Infinity Spot S / Infinity Wash S / TECHNOBEAM II	MSD Gold 300/2 MiniFastFit
D.T.S.	TECHNOBEAM II / XR300 BEAM	MSD Gold 300/2 MiniFastFit
Elation	DESIGN Beam 300 / DESIGN Spot 300 E / DESIGN Spot 300 Pro / DESIGN Wash 300E	MSD Gold 300/2 MiniFastFit
Futurelight	PHB-300E / PHS-300E / PHW-300E	MSD Gold 300/2 MiniFastFit
Golden Sea	Terbly V300B-E / Terbly V300S-E / Terbly V300SP-E / Terbly V300W-E	MSD Gold 300/2 MiniFastFit
iSolution	XP-300beam / XP-300SZ	MSD Gold 300/2 MiniFastFit
PR Lighting	XL beam 300 / XS 300	MSD Gold 300/2 MiniFastFit
Robe	Robin 300 Beam Classic / Robin 300 Spot Classic / Robin 300 Wash Classic / Robin 300E Beam / Robin 300E Spot / Robin 300E Wash	MSD Gold 300/2 MiniFastFit
SGM Elettronica	Idea 300 Beam / Idea 300 Spot	MSD Gold 300/2 MiniFastFit





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