



# Philips Lighting product highlights 2009

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**PHILIPS**



Simplicity is a lamp  
that's faster fitting  
for more free time



**PHILIPS**

# Touring/Stage & Theater Lighting

Philips FastFit can save you precious time while replacing lamps. FastFit is a revolutionary rear load lamp base system which Philips co-developed with Bender and Wirth. This unique base and lamp holder design allows you to change lamps in a matter of seconds. On top of that the FastFit system reduces the overall length of the lamp, which means lighter and more compact fixture designs are possible. Furthermore the shorter arc

gaps and more compact filaments lead to a higher beam intensity and better performance. Philips FastFit lamps have an increased brightness and excellent color quality. On top of that, all Philips FastFit lamps have the Philips pinch protection and are available for both Halogen and HID lamps, which means a single fixture can be used for both lamp types.



Philips MSR Gold™ 1200 FastFit



PGJX50 FastFit



Lamp holder PGJX50 FastFit



Philips MSR Gold™ 300 MiniFastFit  
**New!** Philips MSD Gold™ 300/2 MiniFastFit  
**New!** Philips MSR Gold™ 700/2 MiniFastFit



PGJX28 MiniFastFit



Lamp holder PGJX28 MiniFastFit

## Philips FastFit range extension

Next to the PGJX50 type Philips now also offers FastFit lamps with an even smaller PGJX28 base, called MiniFastFit. This enables further size and weight reduction of the fixtures.



# Touring/Stage & Theater Lighting

Type	Nominal lamp wattage (W)	Cap/base	Arc size mm	Lumen output (lm)	Efficacy source (lm/W)	Color temp (K)	Max allowable pinch temp (°C)	CRI	Average lamp life (h)	Replacement before (h)	Burning position	Nominal lamp current (A)	Ordering number
Philips Ceramic ST 250 MiniFastFit	250	PGJX28	8	22.000	88	3200	350	>90	4000	4500	Any	2.6	9281 830 05100
Philips MSR Gold™ 300/2 MiniFastFit	300	PGJX28	5	23.000	75	8000	350	75	750	850	Any	3.5	9281 771 05108
<b>NEW!</b> Philips MSD Gold™ 300/2 MiniFastFit	300	PGJX28	5	22.000	74	8400	350	75	2000	2200	Any	3.8	9281 998 05100
<b>NEW!</b> Philips MSR Gold™ 700/2 MiniFastFit	700	PGJX28	4	50.000	71	7500	500	>75	750	850	Any	10	9281 999 05100

Philips MSR Gold™ 700 FastFit	700	PGJX50	4	50.000	75	6000	500	>80	750	850	Any	10	9281 060 05108
Philips MSR Gold™ 700/2 FastFit	700	PGJX50	4	50.000	75	7500	500	>75	750	850	Any	10	9281 062 05108
Philips MSR Gold™ 1200 FastFit	1200	PGJX50	5	95.000	80	6300	500	>80	750	850	Any	13	9281 750 05108
Philips MSR Gold™ 1500 FastFit	1500	PGJX50S	5.5	120.000	80	6000	500	>80	750	850	Any	16.1	9281 073 05108
Philips MSR Gold™ 2000 FastFit	2000	PGJX50S	8	170.000	85	6000	500	>85	750	850	Any	15	9281 769 05108
Philips MSR Gold™ 2000/2 FastFit	2000	PGJX50S	8	160.000	80	7500	500	>85	750	850	Any	15	9281 061 05108
<b>NEW!</b> Philips MSR Gold™ 2500/2 FastFit	2500	PGJX50S	9.5	193.000	77	7500	500	>85	750	850	Any	19.5	9281 064 05108

Type	Wattage (W)	Voltage (V)	Cap/base	Filament shape	Lumen output (lm)	Color temperature (K)	CRI	Efficacy source (lm/W)	Burning position	Average lamp life (h)	Max. perm. pinch temp. (°C)	Nom. Lamp current (A)	Ordering number
Philips Hi-Brite 750 FastFit	780	80	PGJX50	BP	22500	3250	100	30	Any	300	500	9.5	9245 768 28900
Philips Hi-Brite 1200 FastFit	1200	80	PGJX50	BP	36000	3250	100	30	Any	200	500	15	9245 752 28900
<b>NEW!</b> Philips 750/115 FastFit	750	115	PGJX50	BP	20500	3200	100	27	Any	300	500	6.5	9245 824 34428
<b>NEW!</b> Philips 800/230 FastFit	800	230	PGJX50	BP	20000	3200	100	25	Any	200	500	3.5	9245 823 44228
Philips 1200/115 FastFit	1200	115	PGJX50	BP	33600	3200	100	28	Any	300	500	10.4	9245 752 34400
Philips 1200/230 FastFit	1200	230	PGJX50	BP	29000	3200	100	25	Any	300	500	5.2	9245 752 44200
Philips 1200/240 FastFit	1200	240	PGJX50	BP	29000	3200	100	25	Any	300	500	5	9245 752 45500

# OEMs with FastFit fixtures

Clay Paky	
ALPHA WASH 300	Philips MSR Gold™ 300/2 MiniFastFit & Philips MSD Gold™ 300/2 MiniFastFit
ALPHA SPOT 300	Philips MSR Gold™ 300/2 MiniFastFit & Philips MSD Gold™ 300/2 MiniFastFit
ALPHA SPOT HPE 300	Philips MSR Gold™ 300/2 MiniFastFit & Philips MSD Gold™ 300/2 MiniFastFit
ALPHA WASH 700 GRAND	Philips MSR Gold™ 700/2 MiniFastFit
ALPHA BEAM 700	Philips MSR Gold™ 700/2 MiniFastFit
ALPHA SPOT HPE 700	Philips MSR Gold™ 700/2 MiniFastFit

Coef	
XP 1200	Philips MSR Gold™ 1200 FastFit

Coemar	
Infinity Wash XL	Philips MSR Gold™ 1200 FastFit
Infinity Spot XL	Philips MSR Gold™ 1500 FastFit
Infinity ACL	Philips MSR Gold™ 300/2 MiniFastFit & Philips MSD Gold™ 300/2 MiniFastFit
Infinity Spot S	Philips MSR Gold™ 300/2 MiniFastFit & Philips MSD Gold™ 300/2 MiniFastFit
Infinity Wash S	Philips MSR Gold™ 300/2 MiniFastFit & Philips MSD Gold™ 300/2 MiniFastFit

DTS	
XR 700	Philips MSR Gold™ 700/2 FastFit

Elation	
Elation Wash 300E	Philips MSR Gold™ 300/2 MiniFastFit & Philips MSD Gold™ 300/2 MiniFastFit
Elation Spot 300 Pro	Philips MSR Gold™ 300/2 MiniFastFit & Philips MSD Gold™ 300/2 MiniFastFit
Elation Spot 300 E	Philips MSR Gold™ 300/2 MiniFastFit & Philips MSD Gold™ 300/2 MiniFastFit
Elation Beam 300	Philips MSR Gold™ 300/2 MiniFastFit & Philips MSD Gold™ 300/2 MiniFastFit
Elation Wash 1400	Philips MSR Gold™ 1200 FastFit
Elation Spot 1400	Philips MSR Gold™ 1200 FastFit

FutureLight	
PHS-1400 E	Philips MSR Gold™ 1200 FastFit
PHS-300E	Philips MSR Gold™ 300/2 MiniFastFit & Philips MSD Gold™ 300/2 MiniFastFit
PHB 300E	Philips MSR Gold™ 300/2 MiniFastFit & Philips MSD Gold™ 300/2 MiniFastFit
PHW 300E	Philips MSR Gold™ 300/2 MiniFastFit & Philips MSD Gold™ 300/2 MiniFastFit

High End Systems	
Showgun	Philips MSR Gold™ 2000 FastFit
Showgun 2.5	Philips MSR Gold™ 2500/2 FastFit
Showbeam 2.5	Philips MSR Gold™ 2500/2 FastFit

LDR	
Canto 2000	Philips MSR Gold™ 2000/2 FastFit

# OEMs with FastFit fixtures

<b>Martin</b>	
MACTW I	Philips Hi-Brite I200 FastFit
<b>Omarte</b>	
Topower	Philips MSR Gold™ 2000 FastFit
<b>PR Lighting</b>	
XL 1800	Philips MSR Gold™ I200 FastFit
XS 300	Philips MSR Gold™ 300/2 MiniFastFit & Philips MSD Gold™ 300/2 MiniFastFit
<b>Qmaxz</b>	
QME700P	Philips MSR Gold™ 700 FastFit
<b>Robe</b>	
ColorSpot 2500E AT	Philips MSR Gold™ I200 FastFit
ColorWash 2500E AT	Philips MSR Gold™ I200 FastFit
ColorSpot 700E AT	Philips MSR Gold™ 700 FastFit
ColorWash 700E AT	Philips MSR Gold™ 700 FastFit
ColorWash 750 AT Tungsten	Philips Hi-Brite 750 FastFit
Robin 300E Spot	Philips MSR Gold™ 300/2 MiniFastFit & Philips MSD Gold™ 300/2 MiniFastFit
Robin 300W Wash	Philips MSR Gold™ 300/2 MiniFastFit & Philips MSD Gold™ 300/2 MiniFastFit

<b>Selecon</b>	
Rua	Philips MSR Gold™ I200 FastFit
Tahi	Philips MSR Gold™ I200 FastFit
Toru	Philips MSR Gold™ I200 FastFit
<b>SGM</b>	
Giotto Digital I500	Philips MSR Gold™ I200 & I500 FastFit
Giotto Spot I500	Philips MSR Gold™ I200 & I500 FastFit
Giotto Wash I500	Philips MSR Gold™ I200 & I500 FastFit
Giotto Profile I500	Philips MSR Gold™ I200 & I500 FastFit
Giotto Beam I500	Philips MSR Gold™ I200 & I500 FastFit
<b>Siluj</b>	
Triton Blue V-I201	Philips MSR Gold™ I200 FastFit
Triton Blue V-I202	Philips MSR Gold™ I200 FastFit
<b>Spotlight</b>	
Vedette I2HCC	Philips Hi-Brite I200 FastFit
<b>Strand Lighting</b>	
Leko	Philips 750/I15 FastFit
Leko	Philips 800/230 FastFit



Simplicity is  
a range of lamps  
for every event



**PHILIPS**

# DJ/Club Lighting

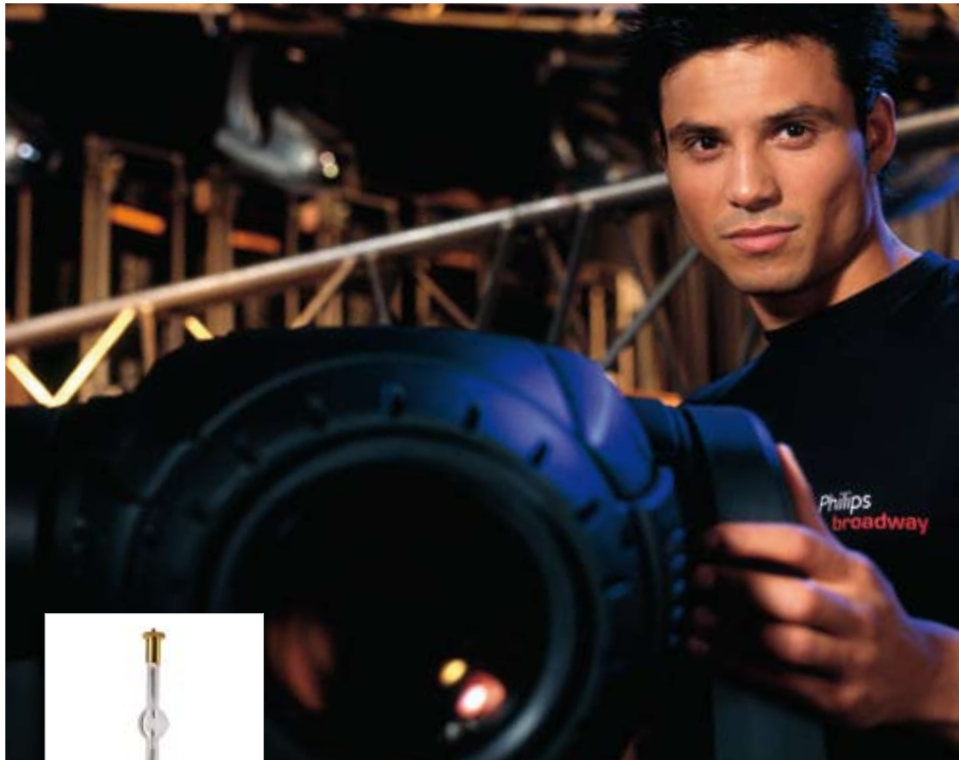
With the introduction of PAR lamps Philips has a complete range of lamps to offer for every event. Philips PAR lamps offer the best quality and reliability in the Entertainment business.

The MSD 150/2 has the light characteristics of the well known MSD 250/2 with 8000+ Tc. Mechanically and electrically it is exchangeable in fixtures using CDM-SA/T 150W /942.

Type	Nominal lamp wattage (W)	Cap/ base	Arc size mm	Lumen output (lm)	Efficacy source (lm/W)	Color temp (K)	Max allowable pinch temp (°C)	CRI	Average lamp life (h)	Replacement before (h)	Burning position	Nominal lamp current (A)	Ordering number
Philips MSD 150/2	150	G12	5	10,500	70	8500	350	70	3000	3300	Any	1.8	9281 728 05108
Philips CDM-SA/T 150W /942	150	G12	-	12900	86	4200	-	96	9000	10000	Any	1.8	9280 866 05100
<b>NEW!</b> Philips CDM-SA/T 315	315	GX9.5	-	36700	123	3100	-	90	10000	10000	Any	3.15	9286 011 66601

Type	Lens type	Wattage (W)	Voltage (V)	Cap/Base	Beam	Peak Intensity (candela)	Beam angle 50% Peak Candela (degree)	Tc (K)	Average rated life (h)	Burning position	Ordering number
Philips PAR56 230V 300W NSP	NSP	300	230	GX16d/12	Narrow Spot	60000	10	3000	2000	Any	9247 835 44204
Philips PAR56 230V 300W MFL	MFL	300	230	GX16d/12	Medium Flood	30000	20	3000	2000	Any	9247 836 44204
Philips PAR56 230V 300W WFL	WFL	300	230	GX16d/12	Wide Flood	15000	40	3000	2000	Any	9247 837 44204
Philips PAR56 240V 300W NSP	NSP	300	240	GX16d/12	Narrow Spot	60000	10	3000	2000	Any	9247 835 45504
Philips PAR56 240V 300W MFL	MFL	300	240	GX16d/12	Medium Flood	30000	20	3000	2000	Any	9247 836 45504
Philips PAR56 240V 300W WFL	WFL	300	240	GX16d/12	Wide Flood	15000	40	3000	2000	Any	9247 837 45504
Philips PAR64 230V 1000W CP60	VNSP	1000	230	GX16d	Very Narrow Spot	400000	11	3200	300	Any	9247 832 44204
Philips PAR64 230V 1000W CP61	NSP	1000	230	GX16d	Narrow Spot	290000	12	3200	300	Any	9247 833 44204
Philips PAR64 230V 1000W CP62	MFL	1000	230	GX16d	Medium Flood	130000	23	3200	300	Any	9247 834 44204
Philips PAR64 240V 1000W CP60	VNSP	1000	240	GX16d	Very Narrow Spot	400000	11	3200	300	Any	9247 832 45504
Philips PAR64 240V 1000W CP61	NSP	1000	240	GX16d	Narrow Spot	290000	12	3200	300	Any	9247 833 45504
Philips PAR64 240V 1000W CP62	MFL	1000	240	GX16d	Medium Flood	130000	23	3200	300	Any	9247 834 45504
Philips PAR64 ACL	VNSP	250	28	Screw terminals	-	500000	8(V) x 7(H) at 10%	3200	50	Any	9247 832 21704





Don't settle for  
second, go for Gold

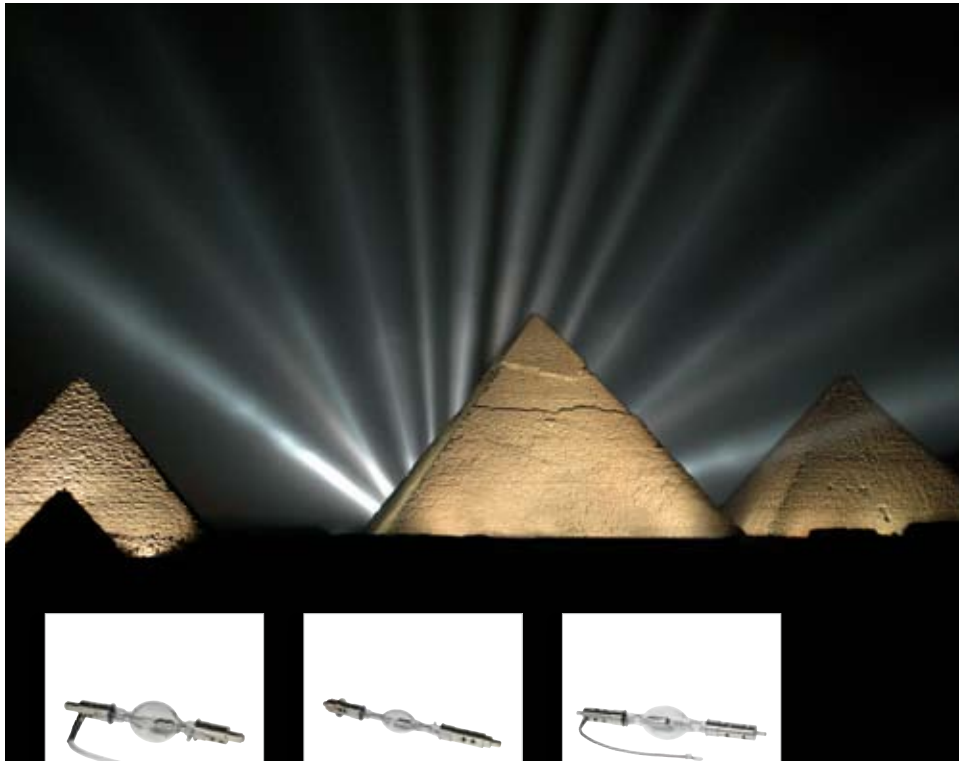
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# Event Lighting

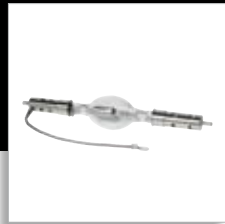
Need perfect performance and utmost reliability? Go for Philips MSR Gold™. The innovative gold plated lamp caps minimize early lamp and lamp holder failure. Philips pinch protection enables use at higher temperatures in any burning position. It also guarantees a longer lamp lifetime, fewer early failures of lamp and lamp holder and consistent

performance over time. The MSR filling provides a pure, white light on stage regardless of the fixture used.

Type	Lamp wattage (W)	Cap / base	Arc size	Min ignition voltage (V)	Lumen output (lm)	Efficacy source	Color temp (K)	Max. allowable pinch temp (°C)	CRI (°C)	Average lamp life (h)	Replace-ment before (h)	Operating position	Lamp current (A)	Ordering number
Philips MSR Gold™ 400 SA/2 DE	400	SFC 10-4	3	207	27000	70	7500	500	70	750	1000	Any	8,4	9281 736 05100
Philips MSR Gold™ 575 SA/2 DE	575	SFC 11	5	207	42000	75	7500	400	75	750	1000	Any	7,1	9281 751 05100
Philips MSR Gold™ 700 SA/2 DE	700	SFC 10-4	4	207	56000	80	7500	500	75	750	1000	Any	10,2	9281 747 05100
Philips MSR Gold™ 1200 SA/DE	1200	SFC 10-4	7	207	110000	90	6000	500	85	750	1000	Any	13,6	9280 996 05100
Philips MSR Gold™ 1200 SA/2 DE	1200	SFC 10-4	7	207	103000	86	7500	500	80	750	1000	Any	13,6	9281 753 05100
<b>NEW!</b>														
Philips MSR Gold™ 1510 SA/DE	1500	SFC 10-4	7	207	140000	95	6000	500	88	750	1000	Any	15	9281 766 05108



Philips Xenon lamps  
for follow spots and  
large venue projection



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# Follow spots

Philips Xenon lamps for searchlights and follow spots are used all over the world in special event and archtainment lighting. Thanks to their unique, short arc Philips Xenon lamps can produce intense, highly collimated beams of light to create spectacular visual effects. Designed to fit a wide variety of fixtures, from automated moving heads to follow

spots, these lamps are capable of immediate hot restarting and boast an outstanding color rendering index. Available in wattages from 700W to 10000W Philips Xenon lamps cover the entire spectrum of entertainment applications.

Type	Power (W)	Voltage (V)	Current (A)	Lumen Output	Min/Max (A)	Ignition Voltage (kV)	Cooling (min. air flow ft./s)	Burning position	Magnet	Ordering number
Philips LTIX-700W-HS	700	18	37	20.000	30/45	33	20	+/- 20 deg v/h	-	9284 103 06301
Philips LTIX-1000W-HS	1000	19	50	32.000	30/55	33	20	+/- 20 deg v/h	-	9284 107 06301
Philips LTIX-1600W-HS	1550	23	65	60.000	50/70	33	20	+/- 20 deg v/h	-	9284 122 06301
Philips LTIX-2000W-HS	2000	24	80	80.000	50/85	36	20	+/- 30 deg v/h	-	9284 141 06301
Philips LTIX-2500W-HS	2500	28	90	100.000	70/100	36	20	+/- 30 deg v/h	-	9284 114 06201
Philips LTIX-3000W-HS	3000	29	100	130.000	60/110	36	20	+/- 30 deg v/h	required	9284 125 06201
Philips LTIX-4500W-HS	4000	29	135	155.000	80/150	36	20	+/- 30 deg v/h	horizontal required	9284 155 06201
Philips LTIX-6002W-HS	6000	37	160	350.000	110/165	44	20	+/- 15 deg v/h	required	9284 173 06201
Philips LTIX-7000W-HS	7000	41	160	350.000	110/165	44	20	+/- 15 deg v/h	horizontal required	9284 183 06201
Philips LTIX-10001W-HS	10000	50	200	510000	150/200	50	33	+/- 15 deg v/h	-	9284 193 06201
Philips LTIX-2000W-HTP	2000	27	70	80.000	50/85	36	20	+/- 30 deg v/h	horizontal required	9284 142 06301
Philips LTIX-4000W-HTP	4000	30	130	155.000	100/140	36	20	+/- 20 deg v/h	-	9284 141 06201

# Follow spots

Type	Power (W)	Voltage (V)	Current (A)	Lumen Output	Min/Max (A)	Ignition Voltage (kV)	Cooling (min. air flow ft./s)	Burning position	Magnet	Ordering number
Philips LTIX-7000W-XS	7000	41	160	350.000	110/165	44	20	+/- 15 deg v/h	-	9284 184 06201
Philips LTIX-2000W-HEHS	2000	24	80	80.000	50/85	36	20	+/- 30 deg v/h	-	9284 138 06301
Philips LTIX-3000W-HEHS	3000	29	100	130.000	60/110	36	20	+/- 30 deg v/h	-	9284 122 06201
Philips LTIX-4202W-HEHS	4200	29	140	190.000	80/160	36	20	+/- 20 deg v/h	required	9284 152 06201
Philips LTIX-8000W-HEHS	8000	45	175	350000	135/180	45	20	+/- 15 deg v/h	-	9284 189 06201

# Large Venue Projection

Type	Rated Power (W)	Rated Current (A)	Operating Current Range (A)	Rated Voltage (V)	Lifetime (h)	Horizontal Operating Position (deg)	Cooling (forced air) (m/sec)	Base Surface Temperature (max °C)	Ordering number
Philips XE 2003 HS	2400	140	60/110	30	750	+/- 30	7	200	9284 106 06201
Philips XE 2200 SHSC	2200	92	70/100	24	1000	+/- 20	7	200	9284 109 06201
Philips XE 3000 SHSC	3000	100	80/110	30	750	+/- 30	7	200	9284 127 06201
Philips XE 3002 SHSC	3000	100	60/110	30	750	+/- 30	7	200	9284 130 06201
Philips XE 3003 SHSC	3000	100	60/110	30	750	+/- 30	7	200	9284 132 06201



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