



Event Lighting

PHILIPS

Philips MSR Gold™ FastFit

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. Additionally 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 even lead to better performance. Philips FastFit lamps have an increased brightness, excellent color quality and a longer lifetime, thanks to the Philips pinch protection technology. Philips FastFit lamps are available for both Halogen and HID lamps, which means a single fixture can be used for both lamp types.

Features	Benefits
Philips FastFit	Lamp replacement in just seconds. Exchangeable with halogen lamp.
Very short arc	High beam intensity.
Compact design	Easy handling. Smaller and lighter fixtures.
Flexible power range	Boostable light levels.
Philips Pinch Protection	Enables use at higher temperatures in any burning position. Longer lifetime, fewer early failures, consistent performance over time.
Innovative gold plated pins	Reduces early lamp or lamp holder failures. Excellent current transfer.
MSR filling	Pure, white light; color point close to black body line.

Philips FastFit range extension

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



Philips MSR Gold™ 1200 FastFit



PGJX50



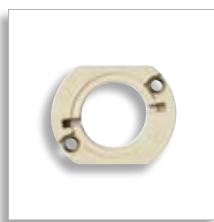
Lamp holder PGJX50



New Philips MSR Gold™ 300/2 FastFit



PGJX28



Lamp holder PGJX28

APPLICATION: EVENT LIGHTING

Type	Nominal lamp wattage (W)	Cap/base	Arc size mm	Min ignition voltage (V)	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
NEW! Philips MSR Gold™ 300/2 FastFit	300	PGJX28	5	207	23.000	75	8000	350	75	750	850	Any	3.5	217364
Philips MSR Gold™ 700 FastFit	700	PGJX50	4	207	50.000	75	6000	500	>80	750	850	Any	10	158808
Philips MSR Gold™ 700/2 FastFit	700	PGJX50	4	207	50.000	75	7500	500	>75	750	850	Any	10	217398
Philips MSR Gold™ 1200 FastFit	1200	PGJX50	5	207	95.000	80	6300	500	>80	750	850	Any	13	156232
NEW! Philips MSR Gold™ 1500 FastFit	1500	PGJX50	5.5	207	120.000	82	6000	500	>80	750	850	Any	16.1	231258
Philips MSR Gold™ 2000 FastFit	2000	PGJX50	8	207	165.000	82	6000	500	>85	750	850	Any	15	209031
NEW! Philips MSR Gold™ 2000/2 FastFit	2000	PGJX50	8	207	165.000	82	7500	500	>85	750	850	Any	15	219766
NEW! Philips Ceramic ST 250 FastFit	250	PGJX28	8	207	22.000	88	3200	350	>90	4000	4500	Any	2.6	231233

Philips Hi-Brite FastFit

Features	Benefits
Philips FastFit	Lamp replacement in just seconds. Exchangeable with HID lamp.
Compact Filament	High beam intensity.
Philips Pinch Protection	Enables use at higher temperatures in any burning position. Longer lifetime, fewer early failures, consistent performance over time.
Compact, shock resistant design	Easy handling, ideal for moving head systems.



Philips Hi-Brite FastFit

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	201616
Philips Hi-Brite 1200 FastFit	1200	80	PGJX50	BP	36000	3250	100	30	Any	200	500	15	201624
NEW! Philips 750/115 Fastfit	750	115	PGJX50	BP	20500	3200	100	27	Any	300	500	6,5	229070
NEW! Philips 800/230 FastFit	800	230	PGJX50	BP	20000	3200	100	25	Any	200	500	3,5	229096
Philips 1200/115 FastFit	1200	115	PGJX50	BP	33600	3200	100	28	Any	300	500	10,4	201715
Philips 1200/230 FastFit	1200	230	PGJX50	BP	29000	3200	100	25	Any	300	500	5,2	201723
Philips 1200/240 FastFit	1200	240	PGJX50	BP	29000	3200	100	25	Any	300	500	5	201731

Philips MSR Gold™ SA/DE

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

Features	Benefits
Philips Pinch Protection	Enables use at higher temperatures in any burning position. Longer lifetime, fewer early failures, consistent performance over time.
MSR filling	Pure, white light; color point close to black body line.
MSR filling	Consistent color impression over MSR Range.
Gold plated lamp caps	Reduces early lamp or lamp holder failures.



Philips MSR Gold™ SA/DE

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)	Replacement 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	136176
Philips MSR Gold™ 575 SA/2 DE	575	SFC 11	5	207	42000	75	7500	400	75	750	1000	Any	7,1	203034
Philips MSR Gold™ 700 SA/2 DE	700	SFC 10-4	4	207	56000	80	7500	500	75	750	1000	Any	10,2	136184
Philips MSR Gold™ 1200 SA/DE	1200	SFC 10-4	7	207	110000	90	6000	500	85	750	1000	Any	13,6	139865
Philips MSR Gold™ 1200 SA/2 DE	1200	SFC 10-4	7	207	103000	86	7500	500	80	750	1000	Any	13,6	148478
NEW! Philips MSR Gold™ 1510 SA/DE	1500	SFC 10-4	7	207	140000	95	6000	500	88	750	1000	Any	15	207845
NEW! Philips MSR Gold™ 1510 SA/2 DE	1500	SFC 10-4	7	207	126000	85	7500	500	86	750	1000	Any	15	207852



Philips Pinch Protection technology

- **Reliability**, through longer lifetime and fewer early failures.
- **Quality**, through excellent storage characteristics and consistent performance over time.
- **Compactness**, allowing more compact design of fixtures and burning positions.

Philips Xenon lamps for searchlights and 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 simple follow spots, these lamps are capable of immediate hot restarting and boast an outstanding color rendering index. Available in wattages from 700W to 7000W Philips Xenon lamps cover the entire spectrum of entertainment applications.

Features	Benefits
Pure Xenon fill gas	Constant color properties during lamp life
Approx. 6000K color temperature	Pure, white light matching the spectral distribution of the sun
Hot restrike	Hot re-ignition is possible ensuring constant light availability
Dimmable	Capable of operating at lower than rated wattages



Product naming	Abbreviations
H	horizontal
HS	short lamp
HEHS	short Helios®
HTP	lamp with threaded pin
XB	brightlight fixture
XS	sky-tracker fixture

APPLICATION: EVENT LIGHTING

Philips type	Power (W)	Voltage (V)	Current (A)	Lumen Output	Min/Max (A)	Ignition Voltage (kV)	Cooling (min. air flow ft./s)	Burning position	Magnet	Part Number
Philips LTIX-700W-HS	700	18	37	20.000	30/45	33	20	+/- 20 deg v/h	-	2110015
Philips LTIX-1000W-HS	1000	19	50	32.000	30/55	33	20	+/- 20 deg v/h	-	2110017
Philips LTIX-1600W-HS	1550	23	65	60.000	50/70	33	20	+/- 20 deg v/h	-	2110009
Philips LTIX-2000W-HS	2000	24	80	80.000	50/85	36	20	+/- 30 deg v/h	-	2110021
Philips LTIX-2500W-HS	2500	28	90	100.000	70/100	36	20	+/- 30 deg v/h	-	2110025
Philips LTIX-3000W-HS	3000	29	100	130.000	60/110	36	20	+/- 30 deg v/h	required	2110027
Philips LTIX-4500W-HS	4000	29	135	155.000	80/150	36	20	+/- 30 deg v/h	horizontal required	2110029
Philips LTIX-6002W-HS	6000	37	160	350.000	110/165	44	20	+/- 15 deg v/h	required	2110062
Philips LTIX-7000W-HS	7000	41	160	350.000	110/165	44	20	+/- 15 deg v/h	horizontal required	2110003
Philips LTIX-10001W-HS	10000	50	200	510000	150/200	50	33	+/- 15 deg v/h	-	2110059
Philips LTIX-2000W-HTP	2000	27	70	80.000	50/85	36	20	+/- 30 deg v/h	horizontal required	2110023
Philips LTIX-4000W-HTP	4000	30	130	155.000	100/140	36	20	+/- 20 deg v/h	-	2110030
Philips LTIX-2000W-H	2000	27	70	80.000	50/85	36	20	+/- 30 deg v/h	horizontal required	2110001
Philips LTIX-3000W-H	3000	29	100	130.000	60/100	36	20	+/- 30 deg v/h	required	2110004
Philips LTIX-2000W-XB	2000	27	70	80.000	50/85	36	20	+/- 20 deg v/h	-	2110057
Philips LTIX-2000W-XS	2000	24	80	80.000	75/85	36	20	+/- 20 deg v/h	-	2110045
Philips LTIX-4000W-XS	4000	30	130	155.000	85/100	36	20	+/- 20 deg v/h	-	2110048
Philips LTIX-7000W-XS	7000	41	160	350.000	110/165	44	20	+/- 15 deg v/h	-	2110051
Philips LTIX-2000W-HEHS	2000	24	80	80.000	50/85	36	20	+/- 30 deg v/h	-	2110115
Philips LTIX-3000W-HEHS	3000	29	100	130.000	60/110	36	20	+/- 30 deg v/h	-	2110114
Philips LTIX-4202W-HEHS	4200	29	140	190.000	80/160	36	20	+/- 20 deg v/h	required	2110102
Philips LTIX-8000W-HEHS	8000	45	175	350000	135/180	45	20	+/- 15 deg v/h	-	2110131



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Philips Lighting Company
 200 Franklin Square Drive
 P.O. Box 6800
 Somerset, NJ 08875-6800
 1-800-555-0050
 A Division of Philips Electronics
 North America Corporation

Philips Lighting
 281 Hilmount Road
 Markham, Ontario
 Canada, L6C 2S3
 1-800-555-050
 A Division of Philips Electronics Ltd.

Philips Lighting
 13700 Live Oak Avenue
 Baldwin Park, CA 91706
 626.480.0755