

A full-page photograph of a man with dark hair and a beard, singing intensely into a silver microphone. He is wearing a dark blazer over a light-colored t-shirt and a necklace. The background is a stage with numerous purple spotlights creating a dramatic atmosphere.

PHILIPS

Platinum range

Razor-sharp,
pure Platinum

Razor-sharp, pure Platinum

Successful productions are the result of close teamwork, as is getting the right lighting solution. Philips has been working with leading fixture makers for years, jointly developing innovative solutions for high performance fixtures in the entertainment market. The Philips Platinum range is one of the products of this close industry cooperation: Platinum lamps provide powerful, compact, brilliant and intense lighting for every type of event.

Platinum technology

Philips MSD/MSR Platinum lamps are the original, brightest, and most compact short arc lamps on the market, enabling the design of small, flexible, and extremely efficient

fixtures. The very short arc produces a sparkling, bright light that eliminates shadows and reproduces vivid colors perfectly. The Platinum system is compact and lightweight too, so it can be used anywhere. In short, more light output, more design possibilities, and less energy consumption.

Quality assured

Since Philips Platinum lamps are technologically advanced, close cooperation is required during the design-in to ensure optimum performance of the entertainment fixture. We therefore advise to always replace end-of-life lamps with the original Philips Platinum types.



High-end reflector lamp for DJ/club lighting

Most top clubs want powerful intense lighting from compact moving heads.



The Philips MSD Platinum 2 R is a powerful high-end reflector lamp and is ideal for scanners and fast-moving effect lights. Leading manufacturers have already started implementing this lamp in their entertainment fixtures successfully.

Design-ins

See page seven for a list of initial design-ins.

Amazing characteristics

Philips MSD Platinum 2 R produces a sparkling, bright light that eliminates shadows and reproduces brilliant and vivid colors. Being the most compact reflector lamp system available today means that small, lightweight fixtures can be developed, offering more design possibilities. The high precision reflector and innovative burner-filling result in a bright and efficient light beam: the light output is equivalent to a MSD lamp of 300W, yet energy consumption is halved. Moreover, these benefits can be enjoyed over the 6,000 hours lifetime of the lamp system, which is twice as long as of other MSD lamps.



MSD Platinum 2 R

Specifications

Type	Lamp wattage (W)	Arc size (mm)	Lumen output (lm)	Colour temp (K)	CRI	Max allowable pinch temp (°C)	Average lamp life (h)	Working distance (mm)	Burning position
Philips MSD Platinum 2 R	132	0.9	5150	8000	75	350	6000	37.7	Any

Design freedom for Touring/Stage lighting

Today, stage lighting is all about creating impact and powerful effects. High brightness and high-contrast beams are needed, using compact luminaire and fixture designs that improve creative choice and flexibility. All lamps have been developed to deliver just this balance. These compact, lightweight lamp systems provide the freedom to create smaller, lighter luminaires – for use at any location on stage. Fixtures incorporating this range of lamps have been released by leading manufacturers, with the latest being the Platinum 25 R, offering extreme brightness, and the Platinum 200 and 400 Flex with increased flexibility.



Choosing the right lamp

Philips Platinum lamps for touring and stage lighting fixtures serve four main categories:

- **Philips MSD Platinum 5 R** for laser effects with beam fixtures in less demanding applications. Combines high beam intensity with outstanding color reproduction and a long life.
- **Philips MSD Platinum 11 R, 14 R, 15 R, 16 R, 17 RA, 20 R(B), 21 R and 25 R** for follow-spots, profile fixtures and beam fixtures. The 17 RA, 20 R(B) and 21 R produce a powerful and brilliant intense light for every type of event.
- **Philips MSR Platinum 35** for smaller high power lighting fixtures. This extremely bright lamp is a replacement for MSR Gold 1200W and offers added flexibility and enables small fixture building.
- **Philips Platinum 200 Flex, 300S Flex, 400 Flex and 500 Flex** with flexible options enabling more functionalities for your fixture.



MSD Platinum 5 R
MSD Platinum 12 R LL
MSD Platinum 14 R



MSD Platinum 15 R
MSD Platinum 16 R
MSD Platinum 18 R LL



MSD Platinum 11 R
MSD Platinum 17 RA



MSD Platinum 19 R LL



MSD Platinum 20 R(B)



MSD Platinum 21 R
MSD Platinum 25 R



MSR Platinum 35

Specifications

Type	Lamp wattage (W)	Arc size (mm)	Lumen output (lm)	Colour temp (K)	CRI	Max allowable pinch temp (°C)	Average lamp life (h)	Working distance (mm)	Burning position
Philips MSD Platinum 5 R	189	1.0	7950	8000	75	350	3000	34.5	Any
Philips MSD Platinum 11 R	250	1.0	12000	7800	80	350	2000	38.7	Any
Philips MSD Platinum 12 R LL	260	1.0	14000	7800	80	350	2000 (nominal) - 6000 (entertainment cycle)	34.5	Any
Philips MSD Platinum 14 R	280	1.0	12350	7800	80	350	2000	34.5	Any
Philips MSD Platinum 15 R	300	1.3	14550	8000	75	350	2000	31.4	Any
Philips MSD Platinum 16 R	330	1.3	16000	8000	75	350	1500	31.4	Any
Philips MSD Platinum 17 RA	350	1.0	15250	7000	85	350	1500	38.7	Any
Philips MSD Platinum 18 R LL	370	1.0	22000	8000	80	350	1500 (nominal) - 6000 (entertainment cycle)	31.4	Any
Philips MSD Platinum 19 R LL	420	1.0	23000	8000	80	350	2000 (nominal) - 4000 (entertainment cycle)	31.4	Any
Philips MSD Platinum 20 R(B)	470	1.2	22400	8000	80	400	1500	31.4	Any
Philips MSD Platinum 21 R	470	1.2	23000	8000	80	350	1500	59	Any
Philips MSD Platinum 25 R	550	1.4	26000	7800	81	350	1500	59	Any
Philips MSR Platinum 35*	800	3.0	57800	8500	72	450	1000	n.a.	Any

* Cap base: PGJX36

MSD Platinum Flex

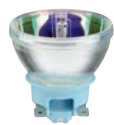
The flexible solution for your fixture

The new Platinum Flex lamp is designed with flexible options, enabling more functionalities for your fixture.

The deep dimming option of the lamp –used when the shutter of the fixture is closed– makes it possible to have an extreme long lifetime and energy savings of 30 to 45%. The flexibility of the power levels makes it possible to have a real linear dimming effect from a beam moving head. Next to the excellent lumen output in different colors, the Platinum Flex platform enables the fixture to produce more color combinations and color corrections.

Thanks to the intelligent driver scheme, the Platinum Flex platform supports more features, in addition to the renowned Platinum features.

Benefits	Features
Extremely long lifetime, reduced power consumption by 30-45%	Deep dimming when shutter closed
Enhanced lumen output in different colors, more color combinations and color corrections	Wide power range
Real linear dimming effect	Flexible power levels
High beam intensity	Very short arc
Freedom to create smaller and lighter fixtures	Compact system
High perceived brightness	High correlated color temperature
A long and reliable performance	Philips Platinum technology



MSD Platinum 200 Flex



MSD Platinum 300S Flex



MSD Platinum 400S Flex
MSD Platinum 500S Flex



MSD Platinum 400L Flex
MSD Platinum 500L Flex

Specifications

Type	Lamp wattage (W)	Arc size (mm)	Lumen output (lm)	Colour temp (K)	CRI	Max allowable pinch temp (°C)	Average lamp life (h)	Working distance (mm)	Burning position
Philips MSD Platinum 200 Flex	190-280 ²	0.8	14000 ³	8000 ³	80 ³	350	2000-6000 ¹	42.4	Any
Philips MSD Platinum 300S Flex	330-380	1.0	22000 (at 370W)	8000	80	350	2000-6000	31.4	Any
Philips MSD Platinum 400L Flex	370-480 ⁵	1.2	24000 ⁶	8000 ⁶	80 ⁶	350	2000-6000 ⁴	59	Any
Philips MSD Platinum 400S Flex	370-480 ⁵	1.2	24000 ⁶	8000 ⁶	80 ⁶	350	2000-6000 ⁴	31.4	Any
Philips MSD Platinum 500S Flex	370-560	1.4	33000 (at 550W)	8000	80	350	1500-4500	31.4	Any
Philips MSD Platinum 500L Flex	370-560	1.4	26000 (at 550W)	8000	80	350	1500-4500	59	Any

¹ At nominal lamp power: 2000h, In entertainment cycle: 6000h (all moving). Entertainment cycle is the lifetime cycle which is representative for use in the Touring/Stage segment. During 70% of the time the fixture is in idle mode (shutter closed) and during 30% in active mode (all moving, shutter open). In the active mode, a whole range of commonly used conditions in entertainment shows, are tested (color, dim, boost, white....) In the idle mode, the fixture will go into the deep dim level.

² Nominal level 240W, Minimum dim level (active mode) 190W, Deep dim level (idle mode) 84W, Maximum boost level 280W
³ at 240W

⁴ At nominal lamp power: 1500h, In entertainment cycle: 4000h (all moving). Entertainment cycle is the lifetime cycle which is representative for use in the Touring/Stage segment. During 70% of the time the fixture is in idle mode (shutter closed) and during 30% in active mode (all moving, shutter open). In the active mode, a whole range of commonly used conditions in entertainment shows, are tested (color, dim, boost, white....) In the idle mode, the fixture will go into the deep dim level.

⁵ Nominal level 470W, Minimum dim level (active mode) 370W, Deep dim level (idle mode) 190W, Maximum boost level 480W

⁶ at 470W

Purpose-built for Film/Studio lighting

As every stage director knows, color purity and evenly distributed light are essential ingredients for any production, whether in a theater or on a movie set. This is especially true for accurate reproduction of skin tones.



35 ST has been especially developed for Studio/Theater lighting fixtures to ensure consistent high quality light output with the right level of brightness, color rendering and color temperature – in any burning position. The result is true natural colors on stage, attractive and accurately exposed pictures for film and video.

These ingredients ensure that the 35 ST is found in several fixtures, greatly extending the application areas for the Platinum fixtures.

Design-ins

See page eight for a list of initial design-ins.

The best choice in Studio/Theatre

Platinum 35 ST has a color temperature of 6000 Kelvin. All colors are faithfully reproduced thanks to the high color rendering and a better balanced spectrum, where the red content of the spectrum has been improved.

With this level of unrivalled brightness from such a compact light source, the Platinum 35 ST enables even more compact fixture designs.



MSR Platinum 35 ST

Specifications

Type	Lamp wattage (W)	Arc size (mm)	Lumen output (lm)	Colour temp (K)	CRI	Max allowable pinch temp (°C)	Average lamp life (h)	Working distance (mm)	Burning position
Philips MSR Platinum 35 ST*	800	3	57800	5500	72	450	750	n.a.	Any

Design-in overview

Fixture brand

Acme
ADJ
Elation
Jolly
Terbly
Triton Blue
Acme
ADJ
Clay Paky
DTS
Ehrgeiz
Elation
Futurelight
Jolly
PR Lighting
Terbly
Triton Blue
Martin Professional
PR Lighting
Acme
ADJ
Acme
ADJ
DaGe
Elation
PRG
Terbly
Acme
Ehrgeiz
Elation
Fine Art
Futurelight
GRIVEN
Jolly
PR Lighting
Terbly
Triton Blue
Acme
Clay Paky
DTS
Elation
Fine Art
Jolly
Terbly
Elation
Fine Art
Philips Varilite
PR Lighting
Terbly
Triton Blue
Acme
Martin Professional
Acme
Acme
Clay Paky
DeSheng
Elation
Fine Art
Jolly
Terbly

Fixture model

AE-275B / AE-275R / AE-710Beam
Vizi Roller Beam 2R / Vizi Beam Hybrid 2R
Rayzor Beam 2 R / Sniper 2 R
X-SMART BEAM
LS-2R / LBM-2R / VDH-2R / PDH-2R / PTB-2R
2R-BEAM
XP-5R BEAM / XP-5R BEAM II
Vizi Beam 5R / Vizi Spot 5R
Sharpys
Jack
Cobalt Plus 5R / Cobalt Plus Beam 5R / Cobalt Plus Spot 5R
Platinum Beam 5 R / Platinum Beam 5 R Extreme / Platinum Spot 5 R Pro
PLB-5R / PLS-5R
X-BEAM 5R / X-SPOT 5R
XR 200 Beam
PT160 Pro / JT160-E / JT160B / PT160B / PT160B Pro / PT 189B
5R-BEAM / 5R-SPOT / 5R-BEAM-PRO
RUSH MH7 Hybrid
PR-2206
XP-320 BEAM - XP 320 BEAM IP
VIZI BEAM 12 RX - HYDRO BEAM X12
XP-280 BS
VIZI BEAM 14RX
AX-2882
Platinum HFX / Proteus Beam V14B IP / Sniper Pro
Icon BEAM
G14B-IP / G9 Hybrid/ G9B
XP-15R SPOT
Cobalt X-Beam 15R
Platinum Spot 15R / Platinum Spot 15R Pro / Platinum Beam 15R
Fine 300 beam / Fine 300 wash
PLB-15R / PLS-15R
Graphite 2000
X-BEAM 15R
XR 300 Beam
Pt 320S spot / PT322S spot basic/ Pt 320B beam / FS300M Follow-Spot
15R SPOT / 15R BEAM / 15R Follow-Spot
XP-16R BSW II/ XP-16R BSW PRO / XP-16R Beam II XP-16R BSW / XP-16R Spot / XP-16R Beam
Sharpys Wash 330
Max / Max L
Platinum Wash 16 R Pro
Fine 330 wash / Fine 330 spot
X-SUPER BEAM
PT330W
Platinum BX / Platinum SBX
Fine 350BSW
SL Hydrus 350
PR2362 BWS
G10B Beam / G10 Hybrid
Mega Beam G10 / HYBRID-G10 Beam-Spot-Wash
XP-380 BSW / XP-380 BSW Pro
ERA 500 Hybrid IP
XP 500 BEAM
XP-20R BEAM / XP-20R BSW
Supersharpy / Mythos
MH-470BWS IP / MH-470B IP
Platinum FLX
Fine 470BSW / Fine 470 BEAM
X-5 Couple
G12WB Beam & Wash / G12 Hybrid

Philips lamp type

Philips MSD Platinum 2 R
Philips MSD Platinum 2 R
Philips MSD Platinum 2 R
Philips MSD Platinum 2 R
Philips MSD Platinum 2 R
Philips MSD Platinum 2 R
Philips MSD Platinum 5 R
Philips MSD Platinum 5 R
Philips MSD Platinum 5 R
Philips MSD Platinum 5 R
Philips MSD Platinum 5 R
Philips MSD Platinum 5 R
Philips MSD Platinum 5 R
Philips MSD Platinum 5 R
Philips MSD Platinum 11 R
Philips MSD Platinum 11 R
Philips MSD Platinum 12 R LL
Philips MSD Platinum 12 R LL
Philips MSD Platinum 14 R
Philips MSD Platinum 14 R
Philips MSD Platinum 14 R
Philips MSD Platinum 14 R
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Philips MSD Platinum 17 RA
Philips MSD Platinum 17 RA
Philips MSD Platinum 18 R LL
Philips MSD Platinum 18 R LL
Philips MSD Platinum 19 R LL
Philips MSD Platinum 20 R
Philips MSD Platinum 20 R(B)
Philips MSD Platinum 20 RB
Philips MSD Platinum 20 R
Philips MSD Platinum 20 R
Philips MSD Platinum 20 RB
Philips MSD Platinum 20 R

Design-in overview

Fixture brand	Fixture model	Philips lamp type
Elation	Proteus Hybrid	Philips MSD Platinum 21 R
Fine ART	Fine 470BEAM / Fine 470BSW	Philips MSD Platinum 21 R
GTD	GTD-470 BSW / GTD-470 Beam / GTD-480 BSW / GTD-480 Beam	Philips MSD Platinum 21 R
PRG	Icon EDGE	Philips MSD Platinum 21 R
Terbly	G20 Hybrid IP/ G21 Hybrid / G12 WB	Philips MSD Platinum 21 R
Acme	XP 550 BSW II / XP-550 BEAM IP / XP 550 BSW IP	Philips MSD Platinum 25 R
ClayPaky	SHARPY X FRAMA/FD	Philips MSD Platinum 25 R
DLW	DLW 550 BEAM / DLW 550 BSW / DLW 550 Wash	Philips MSD Platinum 25 R
Fine Art	Fine 550 BSW / Fine 550 Wash / Fine 550 BeamWash	Philips MSD Platinum 25 R
GTD	GTD F5 II Beam / GTD F5 II BSW / GTD-550 II BSW / Philips MSD	Philips MSD Platinum 25 R
Philips Varilite	VL10 Beamwash	Philips MSD Platinum 25 R
PR lighting	PR-2569 (Beam)/ PR-2597 (BSW)/ PR-2552 (BSW) / PR-2554 (Beam)	Philips MSD Platinum 25 R
Terbly	G25 Hybrid / G25 Hybrid IP / G25B IP / G25B NOVA IP	Philips MSD Platinum 25 R
Clay Paky	Alpha Profile 800 ST / Alpha Spot QWO ST	Philips MSR Platinum 35 + Philips MSR Platinum 35 ST
Elation	Platinum Profile 35 Pro / Platinum Spot 35 Pro	Philips MSR Platinum 35 + Philips MSR Platinum 35 ST
Fine Art	Fine 800SF	Philips MSR Platinum 35 ST
PR Lighting	XR 800 Spot	Philips MSR Platinum 35 + Philips MSR Platinum 35 ST
Robe	MMX Spot / MMX Wash Beam	Philips MSR Platinum 35 + Philips MSR Platinum 35 ST
Terbly	FS800M Follow Spot	Philips MSR Platinum 35 ST
Terbly	PT800S / PT800P	Philips MSR Platinum 35 + Philips MSR Platinum 35 ST
Triton Blue	35R-SPOT	Philips MSR Platinum 35
Elation	Smarty Hybrid	Philips MSD Platinum 200 Flex
Terbly	G6H NOVA	Philips MSD Platinum 200 Flex
DLW	DLW-380 Beam / DLW-380 BSW	Philips MSD Platinum 300S Flex
Fine Art	Fine 380 LL Beam	Philips MSD Platinum 300S Flex
GTD	GTD-380 N6 BEAM / GTD-380 II BEAM / GTD F3 BEAM / GTD F3 N BEAM / GTD F3 II BSW	Philips MSD Platinum 300S Flex
Jolly	X4-GT / X4 Beam	Philips MSD Platinum 300S Flex
PR Lighting	PR2369 / PR2393 / PR2366 / PR2345	Philips MSD Platinum 300S Flex
Terbly	G7B NOVA / G7H NOVA / G7B NOVA IP / G7H NOVA IP	Philips MSD Platinum 300S Flex
Acme	XP-20R BSW II	Philips MSD Platinum 400 S Flex
DLW	DLW 480 Beam	Philips MSD Platinum 400 L Flex
Elation	Smarty Max	Philips MSD Platinum 400L Flex
Terbly	G22 H Nova / G22 H Nova IP	Philips MSD Platinum 400L Flex
Acme	XP 550 BSW II / XP-550 BEAM IP / XP 550 BSW IP	Philips MSD Platinum 500 L Flex
Elation	PROTEUS EXCALIBUR	Philips MSD Platinum 500 L Flex
GTD	GTD F5 II Beam / GTD F5 II BSW / GTD-550 II BSW	Philips MSD Platinum 500 L Flex
PR	PR-2569 Beam / PR-2597 BSW / PR-2552 BSW / PR-2554 Beam	Philips MSD Platinum 500 L Flex
Terbly	S550H / S550H IP / G550B IP / S550B IP	Philips MSD Platinum 500 L Flex
Desheng	MH-682BP	Philips MSD Platinum 500 S Flex



New solutions for Touring/ Stage lighting

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