PHILIPS

Platinum range

Razor-sharp,
pure Platinum

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Its razor-sharp light beams have revolutionized the industry in a relatively short amount of time since the first innovative MSD Platinum 5 R was launched in 2010.

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 21 R, offering extreme brightness, and the Platinum 200 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) and 21 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 MSD Platinum 200 Flex** with flexible options enabling more functionalities for your fixture.

MSD Platinum 5 R
MSD Platinum 14 R

MSD Platinum 15 R
MSD Platinum 16 R

MSD Platinum 11 R
MSD Platinum 17 RA

MSD Platinum 20 R(B)
MSD Platinum 21 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 14 R	280	0.8	12350	7800	80	350	2000	34.5	Any
Philips MSD Platinum 15 R	300	1.3	13500	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	> 20000	7000	85	350	1500	38.7	Any
Philips MSD Platinum 20 R(B)	470	1.2	> 23000	8000	80	400	1500	31.4	Any
Philips MSD Platinum 21 R	470	1.2	> 23000	8000	80	450	1500	59	Any
Philips MSR Platinum 35*	800	3.0	57800	7750	> 75	450	1000	n.a.	Any

*   Cap base: PGJX36

MSD Platinum 200 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

NEW MSD Platinum 200 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	240-280**	0.8	14000***	8000***	80***	350	2000-6000*	42.4	Any

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

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	6000	80	450	750	n.a.	Any

Design-in overview

Fixture brand	Fixture model	Philips lamp type
Acme	AE-275B / AE-275R / AE-710Beam	Philips MSD Platinum 2 R
ADJ	Vizi Roller Beam 2R / Vizi Beam Hybrid 2R / 3 Sixty 2R / Warlock	Philips MSD Platinum 2 R
Elation	Rayzor Beam 2 R / Sniper 2 R	Philips MSD Platinum 2 R
Jolly	X-SMART BEAM	Philips MSD Platinum 2 R
Terbly	LS-2R / LBM-2R / VDH-2R / PDH-2R / PTB-2R	Philips MSD Platinum 2 R
Triton Blue	2R-BEAM	Philips MSD Platinum 2 R
Acme	XP-5R BEAM / XP-5R BEAM II	Philips MSD Platinum 5 R
ADJ	Vizi Beam 5R / Vizi Spot 5R / Ninja 5RX / Vizi Beam 5RX	Philips MSD Platinum 5 R
Clay Paky	Sharpy	Philips MSD Platinum 5 R
DTS	Jack	Philips MSD Platinum 5 R
Ehrgeiz	Cobalt Plus 5R / Cobalt Plus Beam 5R / Cobalt Plus Spot 5R	Philips MSD Platinum 5 R
Elation	Platinum Beam 5 R / Platinum Beam 5 R Extreme / Platinum Spot 5 R Pro	Philips MSD Platinum 5 R
Futurelight	PLB-5R / PLS-5R	Philips MSD Platinum 5 R
Jolly	X-BEAM 5R / X-SPOT 5R	Philips MSD Platinum 5 R
PR Lighting	XR 200 Beam	Philips MSD Platinum 5 R
Terbly	PT160 Pro / JT160-E / JT160B / PT160B / PT160B Pro / PT 189B	Philips MSD Platinum 5 R
Triton Blue	5R-BEAM / 5R-SPOT / 5R-BEAM-PRO	Philips MSD Platinum 5 R
Martin Professional	RUSH MH7 Hybrid	Philips MSD Platinum 11 R
PR Lighting	PR-2206	Philips MSD Platinum 11 R
Elation	Platinum HFX / Proteus Beam V14B IP / Sniper Pro	Philips MSD Platinum 14 R
PRG	Icon BEAM	Philips MSD Platinum 14 R
Terbly	G14B-IP / G9 Hybrid/ G9B	Philips MSD Platinum 14 R
Acme	XP-15R SPOT	Philips MSD Platinum 15 R
Ehrgeiz	Cobalt X-Beam 15R	Philips MSD Platinum 15 R
Elation	PRO FS 15R Followspot / Platinum Spot 15R / Platinum Spot 15R Pro / Platinum Beam 15R	Philips MSD Platinum 15 R
Fine Art	Fine 300 beam / Fine 300 wash	Philips MSD Platinum 15 R
Futurelight	PLB-15R / PLS-15R	Philips MSD Platinum 15 R
GRIVEN	Graphite 2000	Philips MSD Platinum 15 R
Jolly	X-BEAM 15R	Philips MSD Platinum 15 R
PR Lighting	XR 300 Beam	Philips MSD Platinum 15 R
Terbly	Pt 320S spot / PT322S spot basic/ Pt 320B beam / FS300M Follow-Spot	Philips MSD Platinum 15 R
Triton Blue	15R SPOT / 15R BEAM / 15R FOLLOWSPOT	Philips MSD Platinum 15 R
Acme	XP-16R BSW / XP-16R BSW PRO / XP-16R Beam / XP-16R Beam II	Philips MSD Platinum 16 R
ADJ	Vizi Hybrid 16RX	Philips MSD Platinum 16 R
Clay Paky	Sharpy Wash 330	Philips MSD Platinum 16 R
DTS	Max / Max L	Philips MSD Platinum 16 R
Elation	Platinum Wash 16 R Pro	Philips MSD Platinum 16 R
Fine Art	Fine 330 wash / Fine 330 spot	Philips MSD Platinum 16 R
GTD	GTD-330 N BSW	Philips MSD Platinum 16 R
Jolly	X-SUPER BEAM	Philips MSD Platinum 16 R
Terbly	PT330W	Philips MSD Platinum 16 R
Elation	Platinum BX / Platinum SBX	Philips MSD Platinum 17 RA
Fine Art	Fine 350BSW	Philips MSD Platinum 17 RA
Philips Showline	SL Hydrus 350	Philips MSD Platinum 17 RA
PR Lighting	PR-2362 / 2372 / 2392 / 2368	Philips MSD Platinum 17 RA
Terbly	G10B / G10 Hybrid	Philips MSD Platinum 17 RA
Triton Blue	Mega Beam G10 / HYBRID-G10 Beam-Spot-Wash	Philips MSD Platinum 17 RA
Acme	XP-470 BSW / XP-20R BSW	Philips MSD Platinum 20 R
Clay Paky	Supersharpy / Mythos	Philips MSD Platinum 20 R(B)
Elation	Platinum FLX	Philips MSD Platinum 20 R
Terbly	G12 Hybrid	Philips MSD Platinum 20 R
Jolly	X-5 Couple	Philips MSD Platinum 20 RB
Fine Art	Fine 470BSW / Fine 470 BEAM	Philips MSD Platinum 20 R(B)

Design-in overview

Fixture brand	Fixture model	Philips lamp type
Fine ART	Fine 470 BEAM OD / Fine 470 BSW OD	Philips MSD Platinum 21 R
Elation	Proteus Hybrid	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
Elation	Smarty Hybrid	Philips MSD Platinum 200 Flex
Terbly	V240BS	Philips MSD Platinum 200 Flex
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

New solutions
for Touring/
Stage lighting

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3222 635 71404 * MARCH 2018