



New solutions for Touring/ Stage lighting

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Razor-sharp, pure Platinum

Photo credits: Ralph Lamann

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	11500	7800	80	350	2000	38.7	Any
Philips MSD Platinum 14 R	280	0.8	12000	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

new

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%.

Next to the excellent lumen output in different colors, the Platinum Flex platform enables the fixture to produce more color combinations and color corrections.

Benefits

Extremely long lifetime, reduced power consumption by 30-45%

Enhanced lumen output in different colors, more color combinations and color corrections

Freedom to enable more features

High beam intensity

Freedom to create smaller and lighter fixtures

High perceived brightness

A long and reliable performance

Features

Deep dimming when shutter closed

Wide power range

Intelligent driver scheme

Very short arc

Compact system

High correlated color temperature

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