

A man with a beard and dark hair is singing passionately into a silver microphone. He is wearing a dark blue blazer over a white t-shirt and a necklace. The background is a stage with purple and blue lighting, creating a dramatic atmosphere.

**PHILIPS**

Platinum range

Razor-sharp,  
pure **Platinum**

# Razor-sharp, pure Platinum

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 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 MSD Platinum 200 Flex and 400 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



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 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	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	7750	> 75	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



**NEW** MSD Platinum 400L Flex



**NEW** MSD Platinum 400S 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**	0.8	14000***	8000***	80***	350	2000-6000*	42.4	Any
Philips MSD Platinum 400L Flex	370-480*****	1.2	24000*****	8000*****	80*****	350	1500-4000*****	59	Any
Philips MSD Platinum 400S Flex	370-480*****	1.2	24000*****	8000*****	80*****	350	1500-4000*****	31.4	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

\*\*\*\* 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.

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

\*\*\*\*\* 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	6000	80	450	750	n.a.	Any



# Design-in overview

## Fixture brand

Fine ART

Elation

PRG

Terbly

Acme

Terbly

Philips Varilite

Clay Paky

Elation

Fine Art

PR Lighting

Robe

Terbly

Terbly

Triton Blue

Elation

Terbly

Elation

Terbly

## Fixture model

Fine 470 BEAM OD / Fine 470 BSW OD

Proteus Hybrid

Icon EDGE

G20 Hybrid IP/ G21 Hybrid / G12 WB

XP-25R Beam IP / XP-25R BSWF

G25 Hybrid

VL10 Beamwash

Alpha Profile 800 ST / Alpha Spot QWO ST

Platinum Profile 35 Pro / Platinum Spot 35 Pro

Fine 800SF

XR 800 Spot

MMX Spot / MMX Wash Beam

FS800M Follow Spot

PT800S / PT800P

35R-SPOT

Smarty Hybrid

G6H NOVA

Smarty Max

G22 NOVA

## Philips lamp type

Philips MSD Platinum 21 R

Philips MSD Platinum 21 R

Philips MSD Platinum 21 R

Philips MSD Platinum 21 R

Philips MSD Platinum 25 R

Philips MSD Platinum 25 R

Philips MSD Platinum 25 R

Philips MSR Platinum 35 + Philips MSR Platinum 35 ST

Philips MSR Platinum 35 + Philips MSR Platinum 35 ST

Philips MSR Platinum 35 ST

Philips MSR Platinum 35 + Philips MSR Platinum 35 ST

Philips MSR Platinum 35 + Philips MSR Platinum 35 ST

Philips MSR Platinum 35 ST

Philips MSR Platinum 35 + Philips MSR Platinum 35 ST

Philips MSR Platinum 35

Philips MSD Platinum 200 Flex

Philips MSD Platinum 200 Flex

Philips MSD Platinum 400L Flex

Philips MSD Platinum 400L Flex





# New solutions for Touring/ Stage lighting

## Join us On Stage

News, interviews, innovations, technical information, interactive, behind the scenes, discounts and events.

Become a member now, sign up at  
[www.philips.com/onstage](http://www.philips.com/onstage)



© 2018 - 2019 Signify Holding. All rights reserved.  
All trademarks are owned by Signify Holding or their respective owners.

The information provided herein is subject to change, without notice. Signify does not give any representation or warranty as to the accuracy completeness, reliability or timeliness of the information included herein and shall not be liable for any action or inaction in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify.

[www.philips.com/onstage](http://www.philips.com/onstage)  
3222 635 71900 \* FEB 2019