


# SIMES

luce per l'architettura



**New Pool.**  
Efficient, interchangeable, practical.

**IP rating**  
IP68 3m

**Isolation**  
CLASS III 

**Mechanical resistance of glass**  
IK 10

**Lamp included.**  
LED versions supplied with LED circuit.


The luminaire cannot be installed out of the water, except for MICROPOOL and MINIPOOL LED 6000K versions.  
Not suitable for submersion in sea water.  
Suitable for swimming pools in concrete and metal, recessed to the wall and on the bottom.

#### Material characteristics

Technopolymer housing.  
Marine grade stainless steel AISI 316L front trim 2 mm thick.  
Toughened transparent glass 10mm thick for MICROPOOL, 12mm MINIPOOL and POOL.  
Toughened transparent glass 4 mm thick for SPOT series.  
Single cable entry with M20 brass cable gland.  
Luminaire hard wired with 6 m H07RN-F cable for MICROPOOL and MINIPOOL, 8m for POOL.  
Stainless steel screws.  
Recessing box in technopolymer with front ring in stainless steel AISI 316L.  
Corrugated plastic pipe 5m long for MICROPOOL and MINIPOOL, 7m long for POOL.  
Silicone gaskets.

[www.simes.com](http://www.simes.com)

#### Finishing:

 Stainless steel (code .19)



POOL | 01

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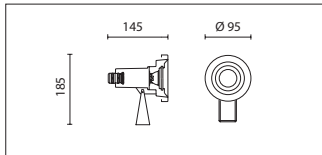
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## 1. Better lighting performances


New MICROPOL, MINIPOL and POOL, also in spot version, remarkably improve the lighting performances compared to the previous fittings. They reduce the number of leds but increase the amount of light produced with the same absorbed power. A greater efficiency is obtained thanks to the new generation of LEDs.


The RGB versions become RGBW, featuring a fourth channel, the white. The white light is no longer the results of three primary colours but it is pure white (4000K). This allows a much higher Color Rendering Index.

### Micropool spot





#### VERSION 2012

**S.3676.19**   
 1 accent leds in cold white  
**Temperature**  
 6000 K  
**Power**  
 2,5W 24V CC o 12V CA  
**Luminous flow**  
**245 lm**

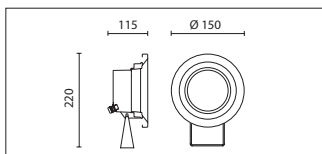
**S.3673.19**   
 1 accent led RGBW  
**Temperature White channel**  
 4000K  
**Power**  
 5W 24V PWM

#### PREVIOUS VERSION


**S.3676W.19**   
 1 accent leds in warm white  
**Temperature**  
 3200K  
**Power**  
 2,5W 24V CC  
**Luminous flow**  
**170 lm**


**S.3675.19**   
 1 accent led RGB  
**Power**  
 5W 24V PWM

### Minipool spot





#### VERSION 2012

**S.3686.19**   
 6 accent leds in cold white  
**Temperature**  
 6000 K  
**Power**  
 20W 24V CC o 12V CA  
**Luminous flow**  
**1250 lm**

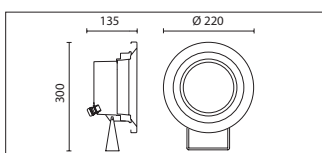
**S.3683.19**   
 5 accent led RGBW  
**Temperature White channel**  
 4000K  
**Power**  
 14W 24V PWM

#### PREVIOUS VERSION


**S.3686W.19**   
 7 accent leds in warm white  
**Temperature**  
 3200 K  
**Power**  
 14W 24V CC  
**Luminous flow**  
**700 lm**


**S.3685.19**   
 7 accent led RGB  
**Power**  
 12W 24V PWM

### Pool spot





#### VERSION 2012

**S.3696.19**   
 12 accent leds in cold white  
**Temperature**  
 6000 K  
**Power**  
 34W 24V CC o 12V CA  
**Luminous flow**  
**2500 lm**

**S.3693.19**   
 12 accent led RGBW  
**Temperature White channel**  
 4000K  
**Power**  
 31W 24V PWM

#### PREVIOUS VERSION

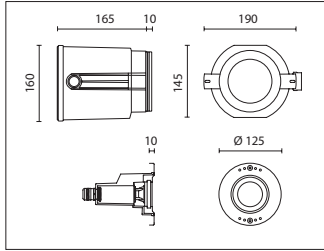
**S.3696W.19**   
 19 accent leds in warm white  
**Temperature**  
 3200 K  
**Power**  
 35W 24V CC  
**Luminous flow**  
**1900 lm**

**S.3695.19**   
 19 accent led RGB  
**Power**  
 25W 24V PWM

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## Micropool



### VERSION 2012

**S.3607.19**

1 accent leds in cold white  
**Temperature**  
 6000K  
**Power**  
 2,5W 24V CC o 12V CA  
**Luminous flow**

**245 lm**

### PREVIOUS VERSION

**S.3602W.19**

1 accent leds in warm white  
**Temperature**  
 3200K  
**Power**  
 2,5W 24V CC  
**Luminous flow**

**170 lm**

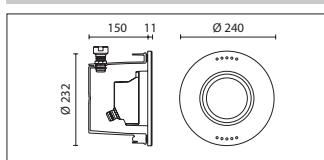
**S.3603.19**

1 accent led RGBW  
**Temperature White channel**  
 4000K  
**Power**  
 5W 24V PWM

**S.3601.19**

1 accent led RGB  
**Power**  
 5W 24V PWM

## Minipool



### VERSION 2012

**S.3617.19**

6 accent leds in cold white  
**Temperature**  
 6000K  
**Power**  
 20W 24V CC o 12V CA  
**Luminous flow**

**1250 lm**

### PREVIOUS VERSION

**S.3616W.19**

7 accent leds in warm white  
**Temperature**  
 3200K  
**Power**  
 14W 24V CC  
**Luminous flow**

**700 lm**

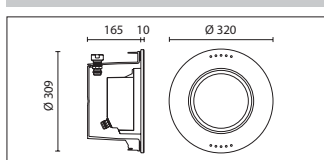
**S.3629.19**

5 accent led RGBW  
**Temperature White channel**  
 4000K  
**Power**  
 14W 24V PWM

**S.3615.19**

7 accent led RGB  
**Power**  
 12W 24V PWM

## Pool



### VERSION 2012

**S.3627.19**

12 accent leds in warm white  
**Temperature**  
 6000 K  
**Power**  
 34W 24V CC o 12V CA  
**Luminous flow**

**2500 lm**

### PREVIOUS VERSION

**S.3626W.19**

19 accent leds in warm white  
**Temperature**  
 3200 K  
**Power**  
 35W 24V CC  
**Luminous flow**

**1900 lm**

**S.3630.19**

12 accent led RGBW  
**Temperature White channel**  
 4000K  
**Power**  
 31W 24V PWM

**S.3625.19**

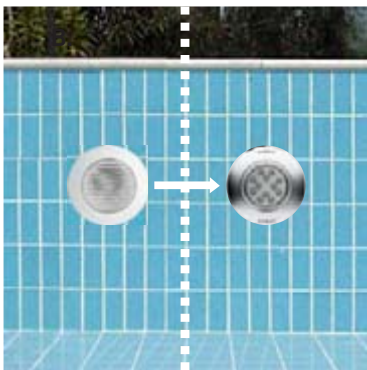
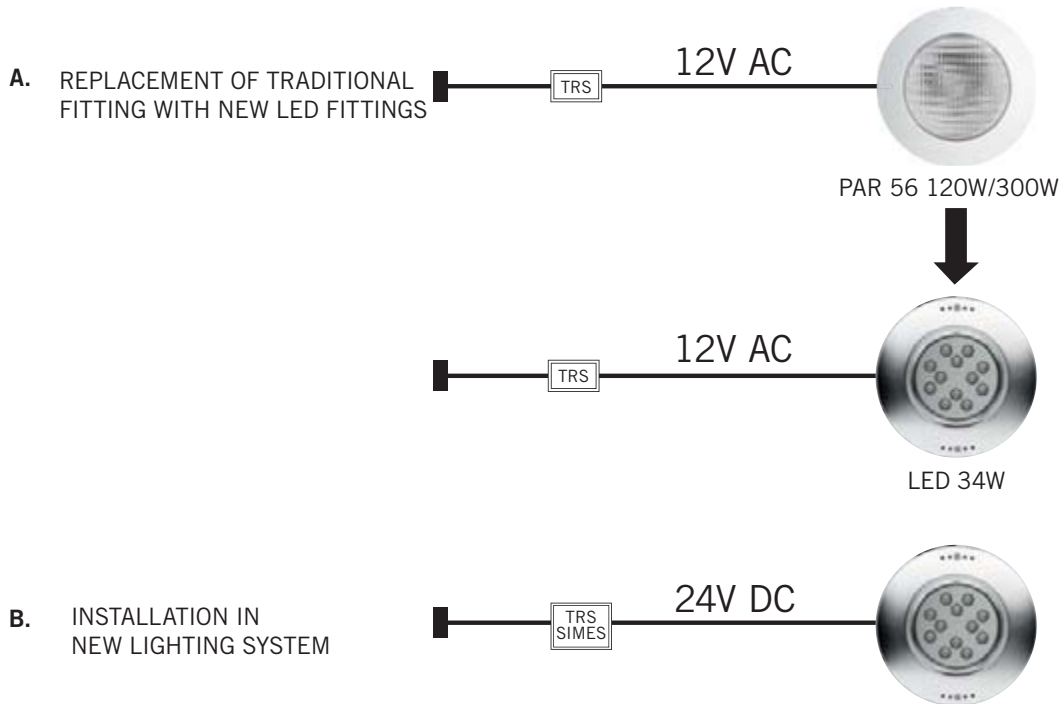
19 accent led RGB  
**Power**  
 30W 24V PWM

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## 2. Great energy saving thanks to interchangeability with existing systems

The new MICRO, MINIPOOL and POOL versions with LEDs in cold white can replace the existing PAR 36 50W and PAR 56 120W/300W lamps with led operating both at 12V AC as at 24V DC. They can be installed in traditional systems powered by 240V/12V toroidal magnetic transformer or in new systems powered by 240V/24V CC Simes electronic transformer specifically designed for LED sources. The interchangeability also allows installation of Simes fittings in existing housings of other manufactures.



## 3. Easy installation

The new fittings can be installed with an easy interlocking clips system. It is moreover possible to lock the fitting to the Simes housing through a fixing screw, suggested for public applications.



### PLEASE NOTE

Minipool and Pool are reshaped both in finish and dimensions of the ring. They are supplied with new housings. The previous ones are not compatible with new fittings.



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## Codes - Summary table

Following is a list of modified products.

The current product codes (left column) are replaced by the corresponding codes of the new versions available starting January 2012.

The LEDs blue versions and warm white LEDs versions will be available on request.

CURRENT VERSIONS Available while supplies last		NEW VERSIONS Available starting January 2012	
S.3600.19	<b>MICROPOOL</b> With lamp QRCBC 50W IRC 12V GU5,3 5700 cd	S.3609.19	<b>MICROPOOL</b> With lamp QRCBC 50W IRC 12V GU5,3 5700cd
S.3601.19	<b>MICROPOOL</b> With accent leds RGB 5W 24V PWM	S.3603.19	<b>MICROPOOL</b> With accent leds RGBW 5W 24V PWM
S.3602W.19	<b>MICROPOOL</b> With 1 accent led in warm white 3200K 2,5W 24V with 30° extensive beam lens	S.3607.19	<b>MICROPOOL</b> With 1 accent led in cold white 6000K 2,5W 24V 245lm <i>* It works also with traditional systems 12V CA</i>
S.3604.19	<b>MICROPOOL</b> With 1 accent led in blue 2,5W 24V with 30° extensive beam lens	On request	
S.3610.19	<b>MINIPOOL</b> With lamp QT12 90W 12V GY6,35 1800 lm	S.3619.19	<b>MINIPOOL</b> With lamp QT12 90W 12V GY6,35 1800lm
S.3615.19	<b>MINIPOOL</b> With 7 accent leds RGB 12W 24V PWM	S.3629.19	<b>MINIPOOL</b> With 5 accent leds RGBW 14W 24V PWM
S.3616W.19	<b>MINIPOOL</b> With 7 accent leds in warm white 3200K 14W 24V with 30° extensive beam lens	S.3617.19	<b>MINIPOOL</b> With 6 accent leds in cold white 6000K 20W 24V 1250lm <i>* It works also with traditional systems 12V CA</i>
S.3618.19	<b>MINIPOOL</b> With 7 accent leds in blue 14W 24V with 30° extensive beam lens	On request	
S.3625.19	<b>POOL</b> With 19 accent leds RGB 30W 24V PWM	S.3630.19	<b>POOL</b> With 12 accent leds RGBW 31W 24V PWM
S.3626W.19	<b>POOL</b> With 19 accent leds in warm white 3200K 35W 24V with 30° extensive beam lens	S.3627.19	<b>POOL</b> With 12 accent leds in cold white 6000K 34W 24V 2500lm <i>* It works also with traditional systems 12V CA</i>
S.3628.19	<b>POOL</b> With 19 accent leds in blue 35W 24V with 30° extensive beam lens	On request	
S.3675.19	<b>MICROPOOL SPOT</b> With accent leds RGB 5W 24V PWM	S.3673.19	<b>MICROPOOL SPOT</b> With accent led RGBW 5W 24V PWM
S.3676W.19	<b>MICROPOOL SPOT</b> With 1 accent led in warm white 3200K 2,5W 24V with 30° extensive beam lens	S.3676.19	<b>MICROPOOL SPOT</b> With 1 accent led in cold white 6000K 2,5W 24V 245lm
S.3678.19	<b>MICROPOOL SPOT</b> With 1 accent led in blue 2,5W 24V with 30° extensive beam lens	On request	
S.3685.19	<b>MINIPOOL SPOT</b> With 7 accent leds RGB 12W 24V PWM	S.3683.19	<b>MINIPOOL SPOT</b> With 5 accents led RGBW 14W 24V PWM
S.3686W.19	<b>MINIPOOL SPOT</b> With 7 accent leds in warm white 3200K 14W 24V with 38° extensive beam lens	S.3686.19	<b>MINIPOOL SPOT</b> With 6 accent leds in cold white 6000K 20W 24V 1250lm <i>* It works also with traditional systems 12V CA</i>
S.3688.19	<b>MINIPOOL SPOT</b> With 7 accent leds in blue 14W 24V with 38° extensive beam lens	On request	
S.3695.19	<b>POOL SPOT</b> With 19 accent leds RGB 30W 24V PWM	S.3693.19	<b>POOL SPOT</b> With 12 accent ledsx RGBW 31W 24V PWM
S.3696W.19	<b>POOL SPOT</b> With 19 accent leds in warm white 3200K 35W 24V with 38° extensive beam lens	S.3696.19	<b>POOL SPOT</b> With 12 accent leds in cold white 6000K 34W 24V 2500lm <i>* It works also with traditional systems 12V CA</i>
S.3698.19	<b>POOL SPOT</b> With 19 accent leds in blue 35W 24V with 38° extensive beam lens	On request	