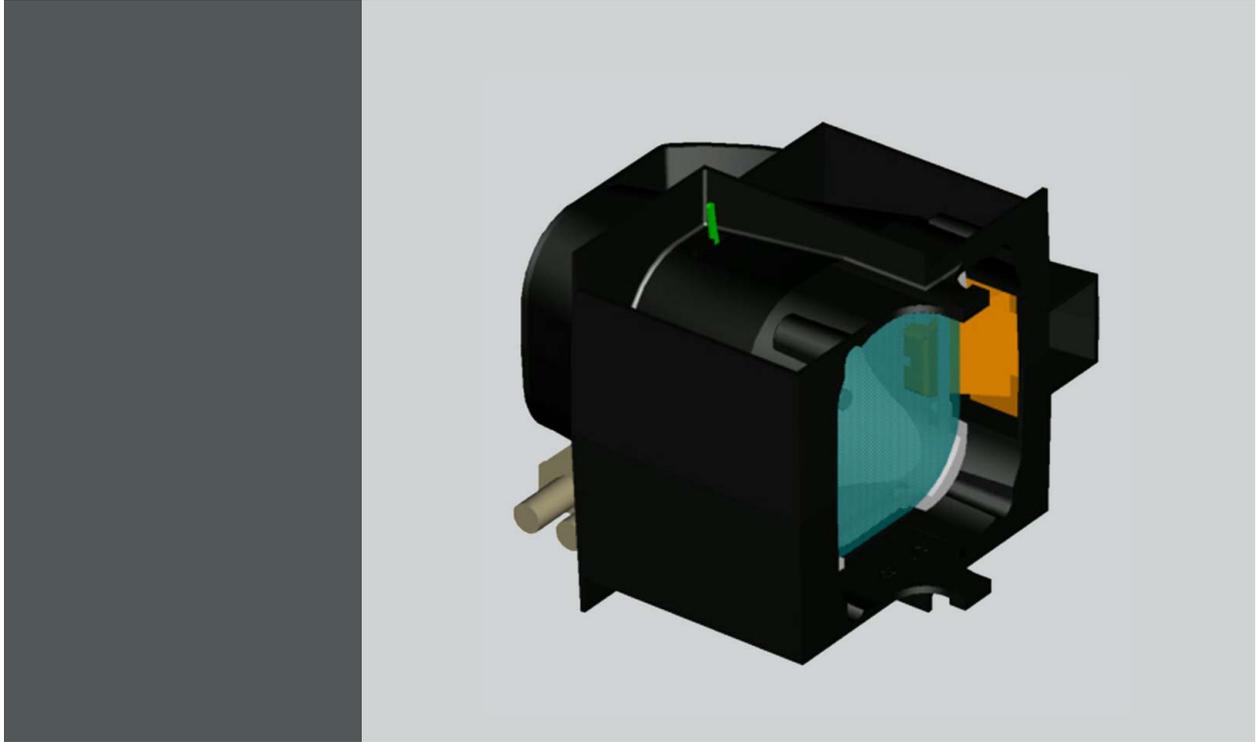


# SIM 5 series Lamp Kit



Installation manual

R9841842

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## Disposal Information

Waste Electrical and Electronic Equipment



■ This symbol on the product indicates that, under the European Directive 2012/19/EU governing waste from electrical and electronic equipment, this product must not be disposed of with other municipal waste. Please dispose of your waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate these items from other types of waste and recycle them responsibly to promote the sustainable reuse of material resources.

For more information about recycling of this product, please contact your local city office or your municipal waste disposal service.

For details, please visit the Barco website at: <http://www.barco.com/en/AboutBarco/weee>

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The environmental conditions as well as the servicing and maintenance regulations specified in the this manual must be complied with by the customer.

## Mercury Notice



LAMP CONTAINS MERCURY,  
DISPOSE ACCORDING TO  
STATE/LOCAL LAW.

This Barco product consists of materials that may contain mercury, which must be recycled or disposed of in accordance with local, state, or country laws:

- Within this system, the lamps in the device contain mercury

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# 1. SAFETY

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## 1.1 Safety guidelines

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**WARNING: Hot Surface and Risk of Explosion:** Switch the projector to stand by and let it cool down for at least 15 minutes. These lamps consist of a quartz arc tube operating at very high temperature and high pressure which may explode suddenly. There is a risk of personal injury and property damage from hot quartz arc tube particles if handled incorrectly.

---



**WARNING: Risk of Electrical Shock:** Power down the projector and unplug the power cord from the wall outlet. Once the projector is cooled down and the power is off, continue with the procedure.

---



**WARNING: Lamp Runtime Warning:** Do not exceed the indicated maximum total lifetime of the lamp for safe operation in normal power mode. Do not use it longer ! Always replace the lamp with the BARCO lamp kit.

---



**WARNING: UV Radiation Exposure :** Never light the lamp if the rear cover (lamp cover) of the projector is removed, unless you wear UV radiation eye and skin protection.

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**WARNING: :** Do not operate the projector longer than one minute with the rear cover removed.

---



**CAUTION: :** Never operate the projector with only one lamp installed.

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## 1.2 Recycling guidelines

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**WARNING:** Do not break or crush lamps because this may pose health and environmental risks when mercury vapors are released.

---



**CAUTION:** To avoid breaking the lamps, repack carefully when storing and transporting them.

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**CAUTION:** Lamps may not be disposed as normal household trash.

Contact your local waste disposal facility for information on the recycling program for HID (High Intensity Discharge ) lamps in your area.

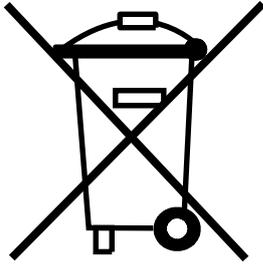


Image 1-1

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### Disposal options for mercury-containing lamps

- Recycle through a municipal or solid waste district household hazardous waste collection program in accordance with local regulations.
- Direct shipment to lamp recycler
- Shipment through a hazardous waste transporter

## 2. INTRODUCTION

### Overview

- Kit description

### 2.1 Kit description

#### Kit content

The kit contains following parts :

- 2 UHP lamps;
- This lamp installation manual.

The lamps are compatible with all **SIM 5** series.

#### Lamp description

- Type : UHP
- Power: 250 Watt



Image 2-1  
Lamp view

#### Typical lifetime of the lamp

The typical lifetime, monitored in projector software (NOT GUARANTEED!) is mentioned in the table below.

Projector type	Projector article numbers	Typical lifetime (in hours)
SIM 5+	R9040380 – R9240380	1500
SIM 5R	R9040381 – R9240381	1500
SIM 5W	R9040395 – R9240395	3000



## 3. LAMP REPLACEMENT PROCEDURE

### Overview

- Reset lamp runtime
- Removing the rear cover
- Removing the lamp
- Installing the lamp
- Installing the rear cover



Resetting the lamp runtime requires access to the hidden menu of the projector. Select *More...* in the *Lamps* menu, and enter the password (by default 0000) followed by Enter to get access.

### 3.1 Reset lamp runtime

#### When to reset the lamp runtime?

The lamp runtime should only be reset when placing a new lamp.



**WARNING:** Lamp runtime reset as well as the lamp replacement can only be done by a Barco authorized technician.

#### Necessary tools

No tools.

#### How to reset the lamp runtime?

1. Press **MENU** to activate the tool bar
2. Press → to select the *Lamps* item
3. Press ↓ to pull down the *Lamps* menu
4. Use ↑ or ↓ to select *Reset Runtime*
5. Press → to open the *Reset Runtime* menu
6. Use ↑ or ↓ to select the lamps to be reset

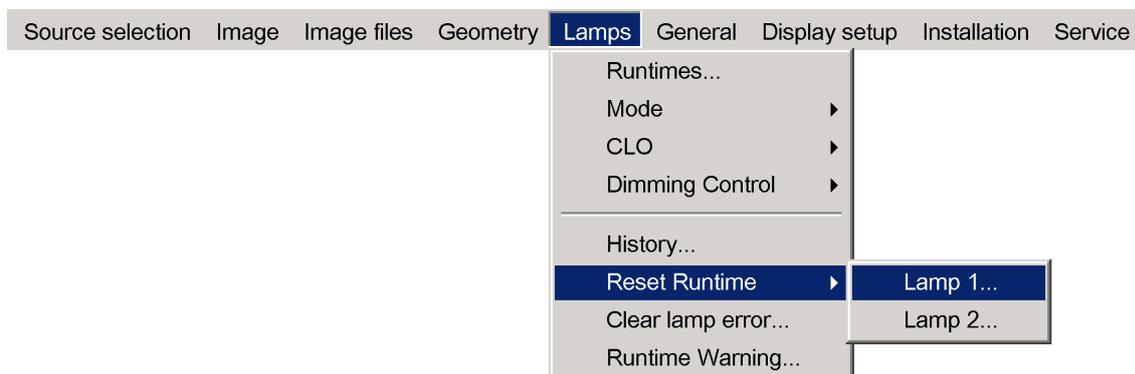


Image 3-1

7. Press **ENTER**

### 3. Lamp replacement procedure

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A dialog box is displayed

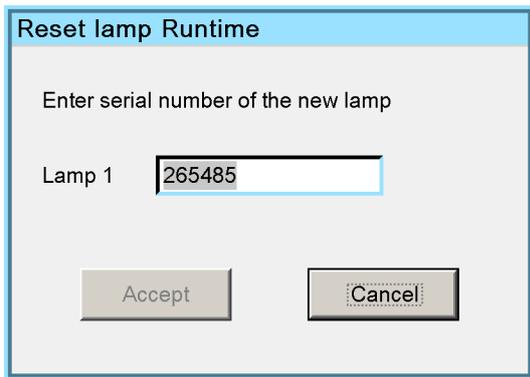


Image 3-2

8. Use ← or →, the numeric keys on the remote, or the keypad to change the serial number of the lamp (serial number 0000000 will not be accepted).
9. Select *Accept* to reset the lamp runtime and to confirm the serial number of the new lamp

## 3.2 Removing the rear cover

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**WARNING:** Before removing a cover, switch off the mains power and unplug the mains power cord from the wall outlet.

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### Necessary tools

Crosshead screwdriver Ph2

### How to remove the rear cover

1. Remove the cover lock screw



Image 3-3  
Rear cover: fixing screw

2. Remove the rear cover

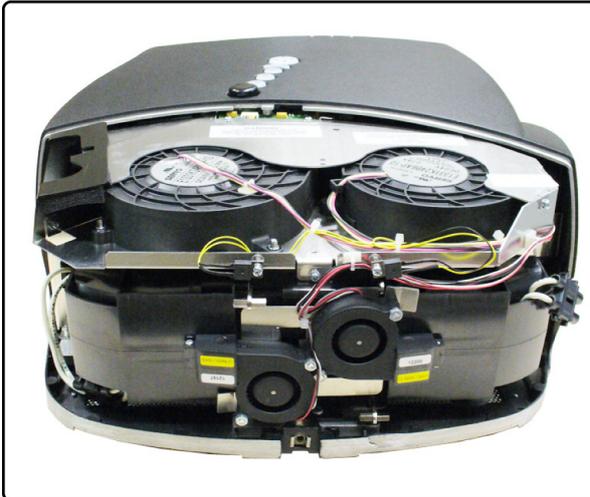


Image 3-4  
Rear cover removed

### 3.3 Removing the lamp

#### Introduction

This projector has two lamps. The way to remove the lamp is identical for each of lamps. The procedure below describes how to remove **lamp 1**.

#### Necessary tools

No tools.

#### How to remove the lamp?

1. Unplug the lamp power connector

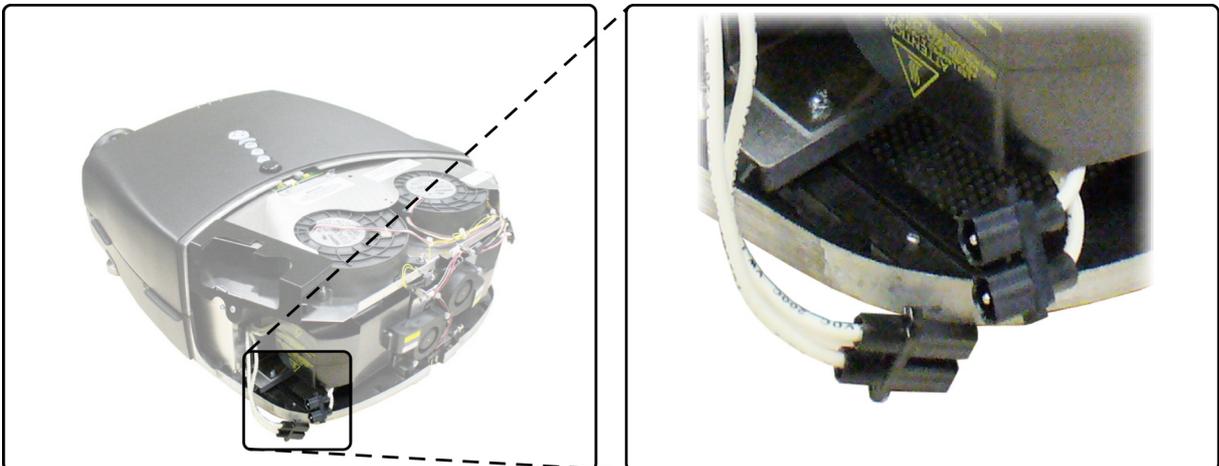


Image 3-5  
Lamp 1: unplugging the power connector

2. Pull the lamp locking handle to release the lamp

### 3. Lamp replacement procedure

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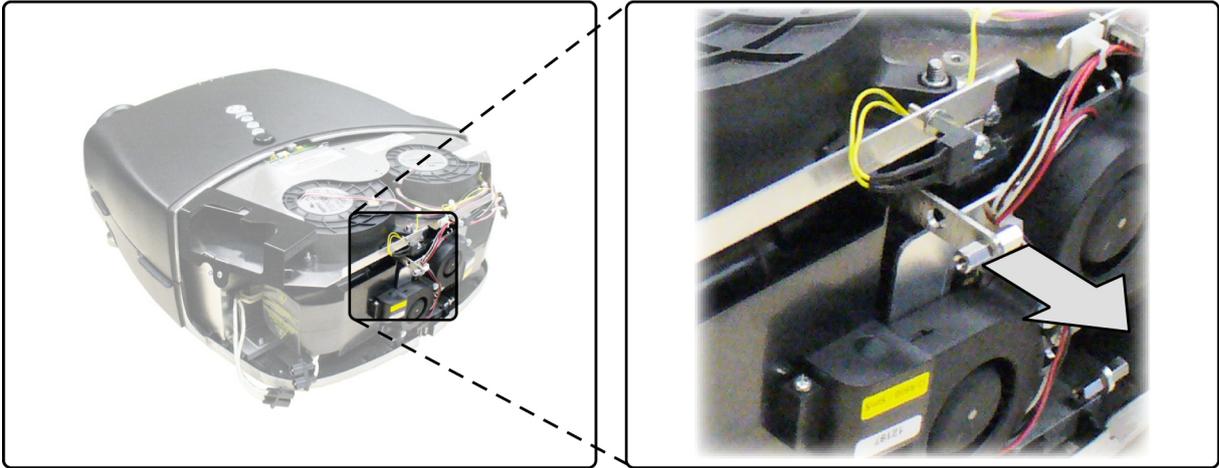


Image 3-6  
Lamp 1: unlocking

3. Slide the lamp sideways, then backwards to remove it



Image 3-7  
Lamp 1: removing

## 3.4 Installing the lamp

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### Introduction

This projector has two lamps. The way to install the lamp is identical for each of lamps. The procedure below describes how to install **lamp 1**.

### Necessary tools

No tools.

### How to install the lamp?

1. Make sure that the lamp locking handle is pulled out

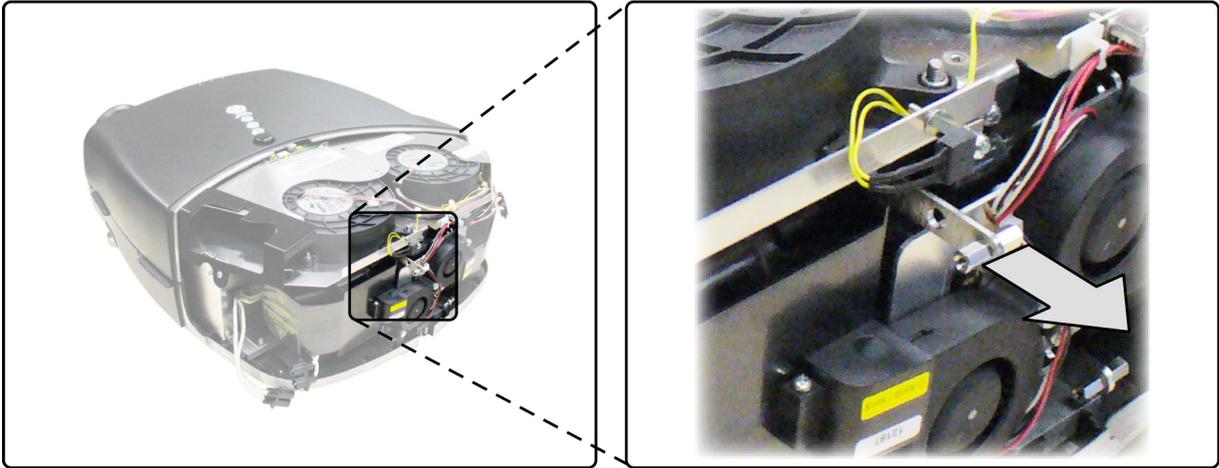


Image 3-8  
Lamp 1 locking system must be unlocked

2. Slide in the lamp into its correct position



Image 3-9  
Lamp 1: sliding it in its position

3. Push the lamp locking handle to lock the lamp

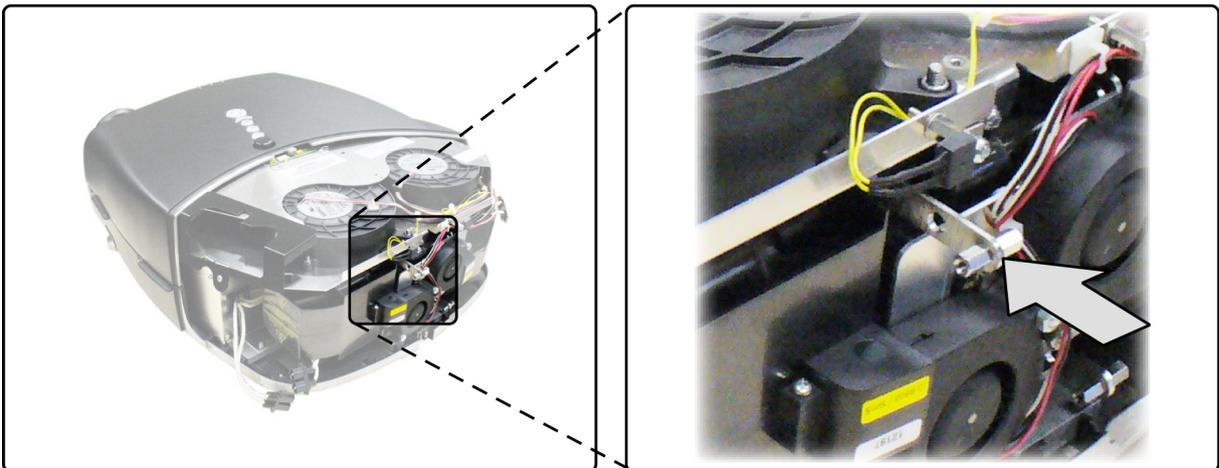


Image 3-10  
Lamp 1: locking

4. Plug in the lamp power connector

### 3. Lamp replacement procedure

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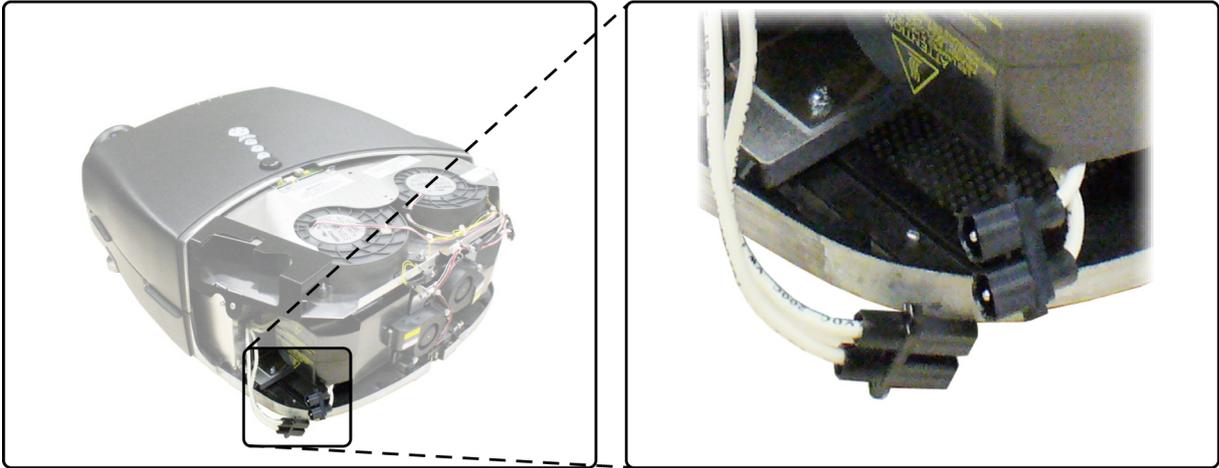


Image 3-11  
Lamp 1: make the power connection

### 3.5 Installing the rear cover

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#### Necessary tools

Crosshead screwdriver Ph2

#### How to install the rear cover

1. Put the rear cover into its correct position
2. Insert and tighten the cover lock screw



Image 3-12  
Rear cover: fixing screw