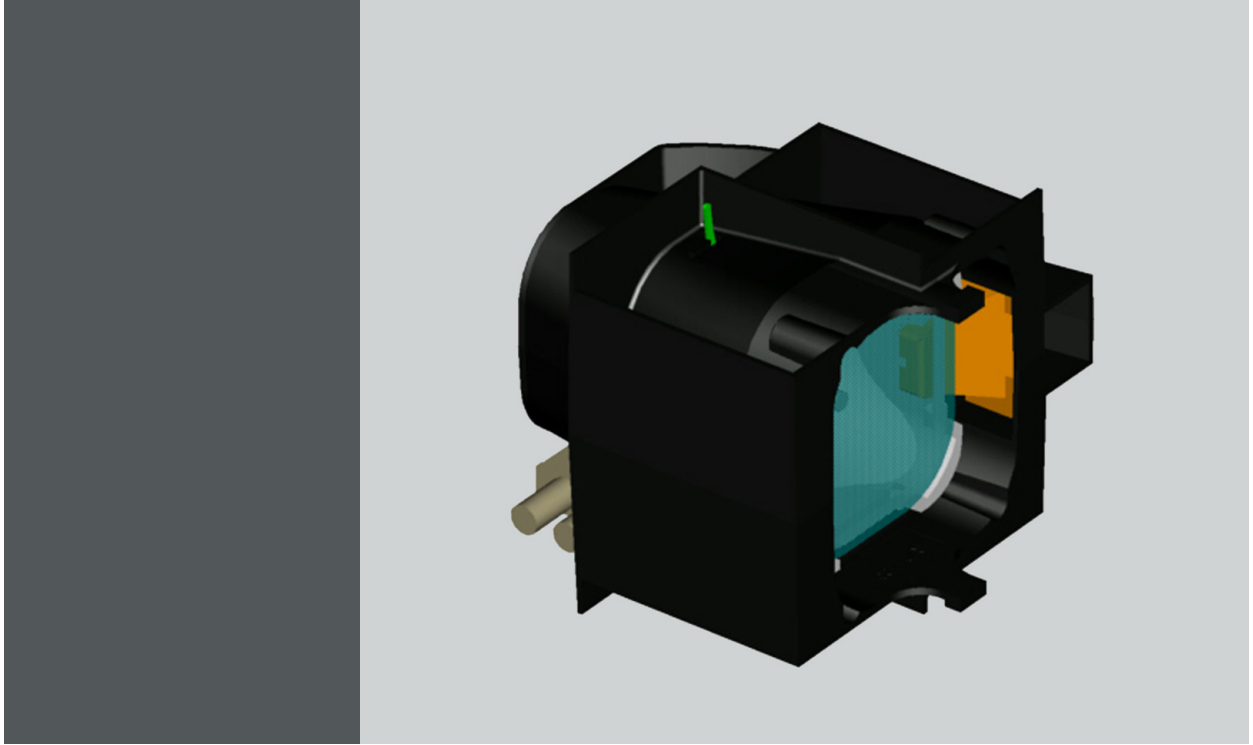


Sim 5W Lamp Kit



Installation manual

R9841842
R9841832

R59770361/00
28/11/2008

BARCO

Visibly yours

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Printed in Belgium

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1. SAFETY

1.1 Safety guidelines



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.



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.

1.2 Recycling guidelines



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.



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.

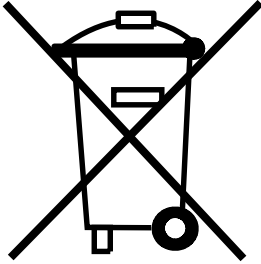


Image 1-1

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

Depending on the number ordered the kit contains following parts :

- 1 or 2 UHP lamps
- Lamp installation manual

Kit number	R9841832	R9841842
Qty of Lamps	1 pc	2 pcs
Manual number	R59770361	R59770361

The lamp is intended to be used in **Sim 5W (R9040395)** only.

Lamp description

- Type : UHP
- Power: 250 Watt
- Typical lifetime (monitored in projector software) : 3000 hours - NOT GUARANTEED!



Image 2-1
Lamp view

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 *Lamp* item
3. Press ↓ to Pull down the *Lamps* menu
4. Use ↑ or ↓ to select *Reset runtime*
5. Press → to pull down the menu
6. Use ↑ or ↓ to select the lamp to be reset

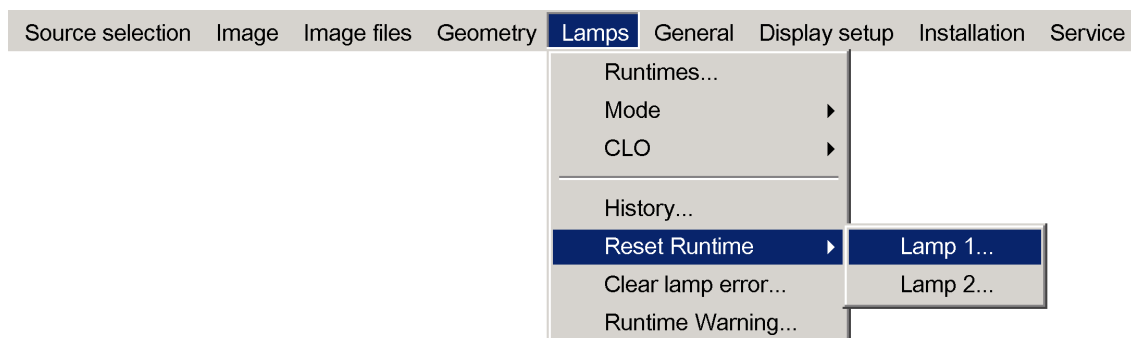


Image 3-1

7. Press **ENTER**

3. Lamp replacement procedure

A dialog box is displayed

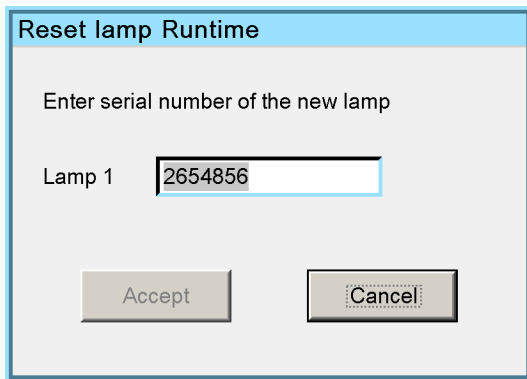


Image 3-2

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).

3.2 Removing the rear cover



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

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

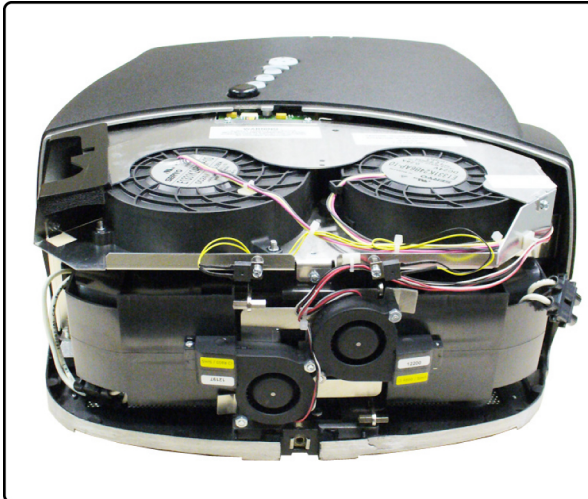


Image 3-4
Rear cover removed

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

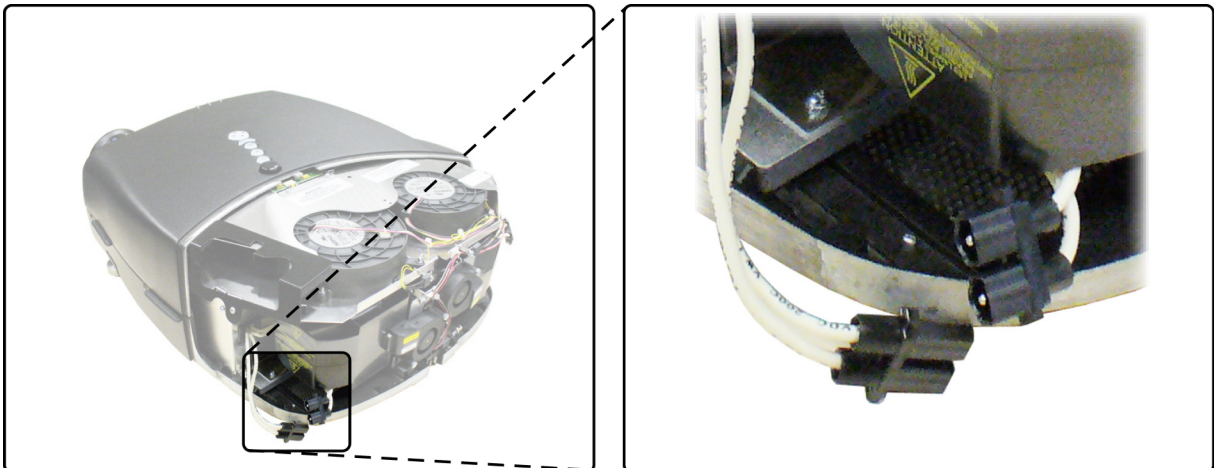


Image 3-5
Lamp 1: unplugging the power connector

2. Pull the lamp locking handle to release the lamp

3. Lamp replacement procedure

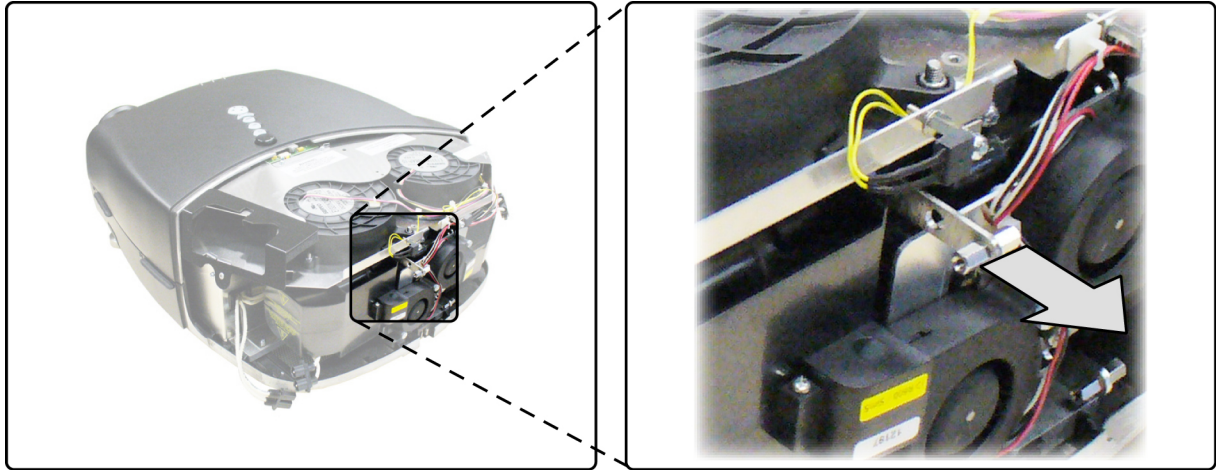


Image 3-6
Lamp 1: unlocking

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

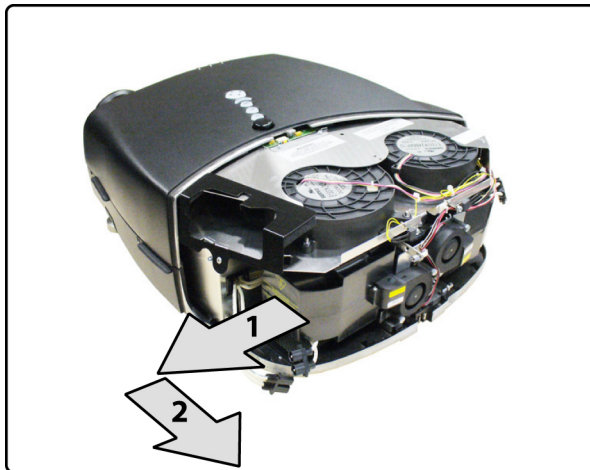


Image 3-7
Lamp 1: removing

3.4 Installing the lamp

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

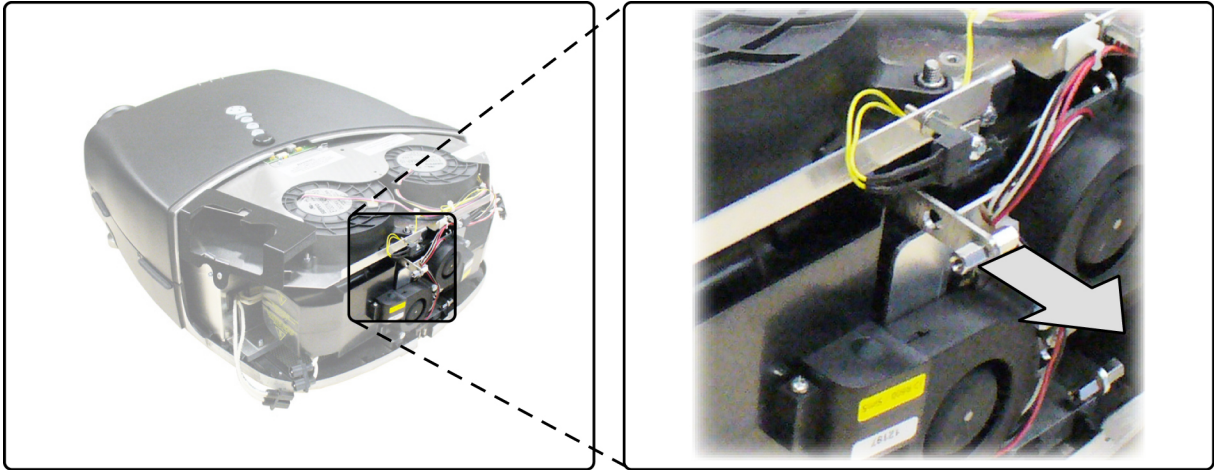


Image 3-8
Lamp 1 locking system must be unlocked

2. Slide in the lamp into its correct position

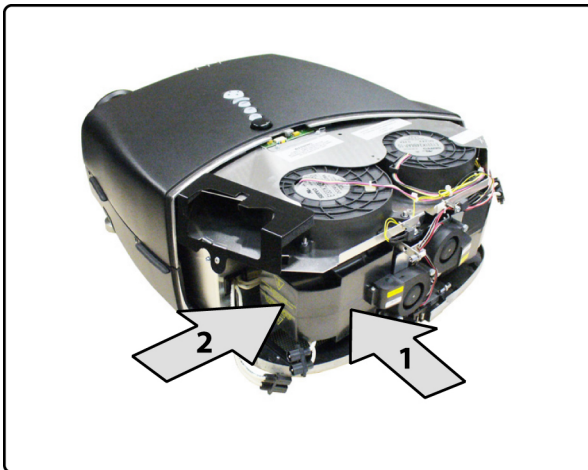


Image 3-9
Lamp 1: sliding it in its position

3. Push the lamp locking handle to lock the lamp

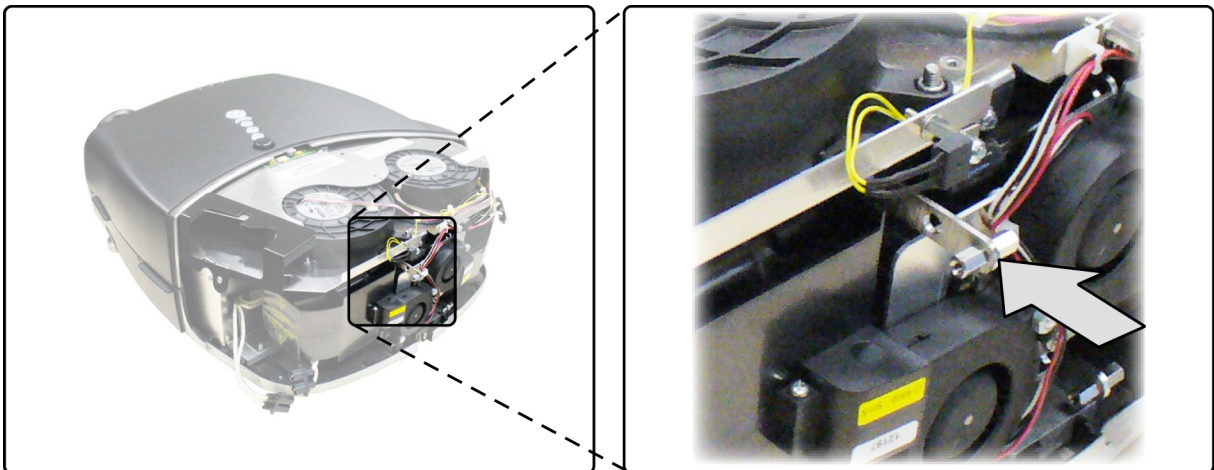


Image 3-10
Lamp 1: locking

4. Plug in the lamp power connector

3. Lamp replacement procedure

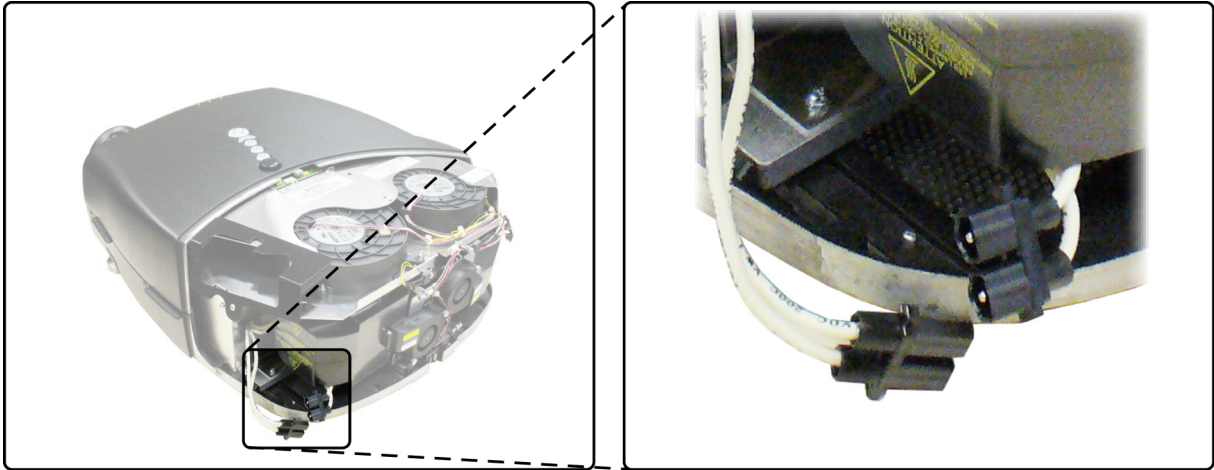


Image 3-11
Lamp 1: make the power connection

3.5 Installing the rear cover

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

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