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A few words on illumination

The Cisco Immersive Room package includes ceiling lights and the LED lights behind the blue glass panes. These will provide sufficient light for the immersive experience, but may not provide sufficient illumination in a non-immersive room. Consequently, the illumination description provided by Cisco should be regarded as guidelines only. You may want to consult illumination expertise on this matter.

Updates by October 2010

General:
- Ceiling light assembly is now a separate document.
- A third lighting row above the system has been added.

Updates by September 2011

Distance from rear wall to the front ceiling light row was incorrectly stated on page 5, and that has now been rectified.

Tools needed

You will need the following tools and equipment when assembling the system:
- Spirit Level (bubble level)
- Phillips screwdriver Ph1
- Blade screwdriver (max 2.5 mm wide)
- Portable drill
- Torx T20

About the ceiling lights

Recommended positioning for all ceiling lighting can be obtained from the illustrations on page 5 and 6.

The rear ceiling lighting consists of seven 640 mm spot light armatures mechanically fastened together and parallel wired together.

The center ceiling lighting consists of four 450 mm spot light armatures plus three fluorescent uplight & downlight armatures mechanically fastened together and parallel wired together.

The front ceiling lighting consists of five fluorescent uplight tubes.

Ceiling attachment is done by means of hang wires provided with the light kit. Anchor method in ceiling will depend on ceiling structure and composition. You may want to consult an architect or building engineer to define the suitable mounting method.

Electrical power requirements can be found in the document Cisco Telepresence T3—Room Recommendations.
Preparing the lights

These items are not included in the Immersive Room Package. Ceiling lights is an optional item which, when ordered, will appear as a part of the system itself.

**What to unpack:** Unpack the box marked:
- T3 Ceiling Mounted lights

**Box contents:**
- Rear section lighting kit
  - Light Module for 7 Pure spots
  - 1 Box Power Supply
  - 2 End pieces to cap off the ends (see Fig to the right)
- Center section lighting kit
  - Light Module Minibeam w/4 Pure spots
  - 3 Boxes Minibeam (Direct)
  - 1 Package Fluorescent lights
  - 4 Boxes Spot Modules
  - 1 Box Power Supply
  - 2 End pieces to cap off the ends (see Fig to the right)
- Front section lighting kit
  - 5 Boxes Minibeam (Indirect)
  - 1 Box Power Supply
  - 2 End pieces to cap off the ends (see Fig to the right)
- Additional contents:
  - 1 Box Light bulbs
  - 1 Box Cover plates
  - 7 Honeycomb filters
  - 7 Filter holding rings
  - Upgrade parts

Ceiling attachment is done by means of hang wires provided with lighting. Anchor method in ceiling will depend on ceiling structure and composition. You may want to consult an architect or building engineer to define the suitable mounting method.

The lights are to be connected to a switch as described in the document *Cisco Telepresence T3—Room Recommendations*.

Power supply requirements and recommendations can be found in the same document.

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- Remove screw, plastic retainer and alloy protective guard for wiring access.
- Blue=N
  - Green=GND
  - Brown=L
- The four spotlights and the three fluorescent lights are physically fastened together with two M4x40 screws and knurled plastic nuts.
- Use the chrome plates to cap off the ends of the far right and far left spotlight boxes in the two rows of lights.
Mounting the ceiling lights

Thread hang wires through push fasteners.

Trim off excess wire to approximately 8cm / 3”.

Press in the chrome colored end plates to cap off each row of lights.

Use the provided 4mm bolts and plastic nuts to fasten the seven lights together in one continuous row.

Unscrew the light bezel.

Insert light bulb. Reinstall light bezel.
Front row light. (Above the monitors)
New row added.
Snap on the provided top shields when installing the fluorescent tubes.

Rear row has been modified to yield softer contrast

This illustration provides information on the locations of the ceiling light attachment points only. For other dimensions, see the previous page.

Center row has been modified in this version. Fluorescent Minibeam are now both direct and indirect.
Upgrading details

Upgrading the three minibeam direct to direct and indirect light.

Note! If your system needs center section lighting upgrade, this is how to carry this out.

Tools needed:
- Torx T20
- Phillips Ph1

1. Remove top shield and flourescent tube.

2. Remove old reflectors

3. Rotate the sockets according to picture. This lowers the flourescent tubes. If necessary open the cover and loosen the cables.

4. Assemble with new reflectors and flourescent tubes.

5. Attach diffusers.

Upgrading details
Spot accessories mounting details