

# CHIESA COLLEGIATA DEI SANTI PIETRO E STEFANO DI BELLINZONA COLLEGIATE CHURCH OF SAINTS PETER AND STEPHEN OF BELLINZONA

## CASE STUDY

### Background

The Collegiate Church of Saints Peter and Stephen is a religious building located in Bellinzona, Switzerland. The building is the seat of the Ticinese city parish, and is home to numerous works of art dating back to the 15th century.

### Project

The church has symbolic value as a place of worship, and architectural value as a building that encompasses and preserves valuable works of art. The city of Bellinzona required development of a lighting system that is able to adapt and respond to the various needs of this structure.



### Challenges

- Respect and promote the cultural function of the building through careful lighting direction
- Ensure visual comfort without distracting glare
- Enhance the aesthetic and chromatic valences, and guarantee the preservation of existing works of art, which are easily subjected to the photochemical deterioration processes
- Use luminaires that are compact and not visible to visitors
- Use the latest LED light sources with high CRI
- Increase energy savings
- Manage fixtures in different locations that can be adjusted according to the activities in the church

### Solution

- Light fixtures have been installed in a distributed method to prioritize important works of art while not interfering with the architectural beauty
- Several lighting options were chosen: direct lighting, indirect lighting, and accent lighting
- Bridgelux Vero® Series 13 - BXRC-30H2000-B-73 and Vero® Series 18 - BXRC-30H4000-B-73 at 3000K 97 CRI
- B-Light fixture designed by SPLD

### Participating Companies



Città di Bellinzona



### Bridgelux Arrays and Final Fixtures



### Fast Facts

**Client:**

[City of Bellinzona](#)

**Location:**

Bellinzona, Switzerland

**Lighting Design:**

[SPLD](#)

**Fixture Manufacturer:**

[B LIGHT](#)

**LED technology:**

[Bridgelux](#)

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