

## 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.



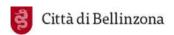
#### **Challenges**

- 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**







### **Bridgelux Arrays and Final Fixtures**











#### **Fast Facts**

Client:

City of Bellinzona

Location:

Bellinzona, Switzerland

Lighting Design:

SPI D

Fixture Manufacturer:

**B LIGHT** 

LED technology:

<u>Bridgelux</u>



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