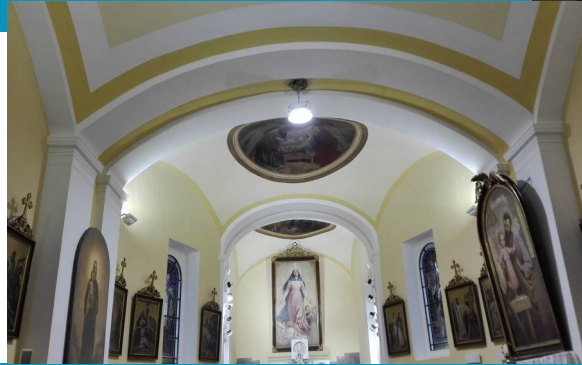


Church lighting management

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14

luminaires
with DALI
driver

7

preset scenes
for different
occasions

1

system for
remote
wireless control



The Idea

The main goal of DATmoLUX was to provide a system for wireless control of lighting in a church in Záhlnice (Czech Republic).

Because of repeating occasions (Mass, Easter, Christmass etc.), the system should have some scenes preset and it must be easy to use.



The Solution

The smart lighting system consists of:

- 1) 14 luminaires of three different types with DALI driver
- 2) 7 pre-set scenes for different occasions
- 3) 9-button controller for local control



The Results

Everything is controlled by a button controller locally. With preset scenes, a meditation atmosphere at the Mass, ceiling paintings illuminating with a selected intensity of light, lighting adjusting at the entrance or only selected places lighting can be selected.



The IQRF Benefits

The robustness and reliability of the solution are achieved by using luminaires equipped with IQRF transceivers creating a mesh network.

The status of lights is periodically checked and if hardware problems occur, corrections can be made before serious damage is done.