



Reaver Dam LDS Facility

September 2018



JDR Industries excels at developing a simply yet effective Dimmable Fluorescent to LED retrofit for an over 100 year old historically registered facility.

Company:

JDR Industries is a leading industrial LED supplier focusing on the customer's needs. Manufacturing LED lighting is an art that JDR Industries has down to a science. Focusing on efficiencies and flexibility to ensure their customer has a product that exceeds their expectations, JDR Industries is truly a partner you need in your lighting efforts. With onsite engineers, designers and sales, the JDR Industries team ensures all your needs are met quickly and efficiently, even if this means a custom product needs to be created. This is all done in house, under 1 roof.

CHALLENGE:



When any building is put onto the historical registry, this complicates any building changes or retrofit projects. Based in Collinston, UT, the Beaver Dam facility of Jesus Christ of Latter Day Saints has just this problem. Built in 1898, this old building is magnificent, but also is extremely difficult to change or upgrade anything inside.

The church has needs to multimedia presentations and needed options for their lighting to be upgraded to LED for 2 reasons: Efficiencies of LEDs and dimming capabilities.

SOLUTION:

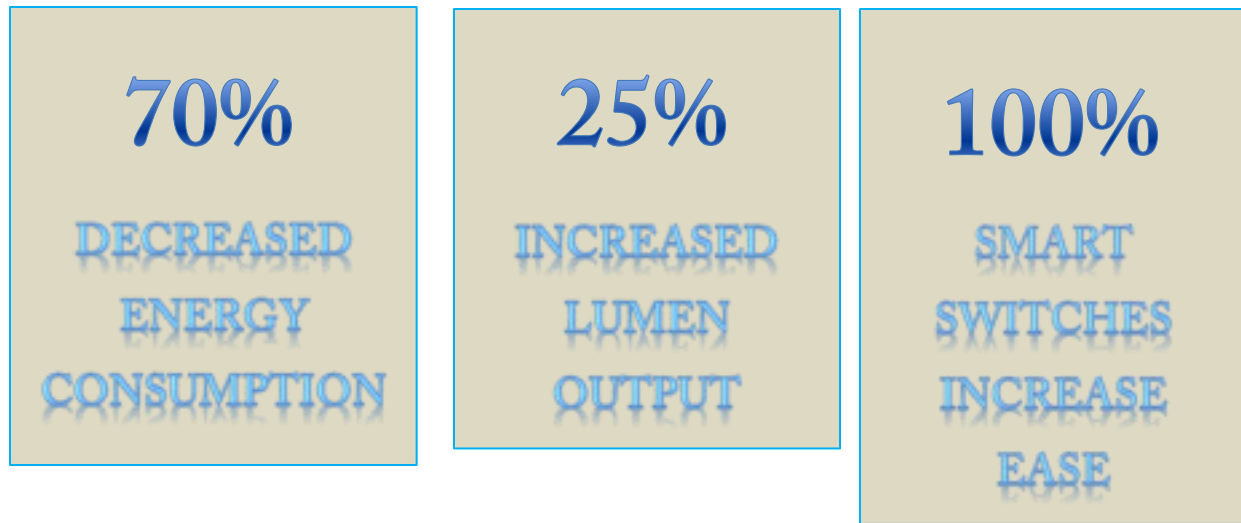
JDR Industries has been designing and manufacturing LED lighting fixtures for over 10 years. When the church approached them to run this upgrade, they jumped at the opportunity. There were several requirements that needed to meet:

1. Must be LED lighting that can install in a standard T12 fixture
2. Cannot remove or add to any of the current wiring
3. Must keep all the current fixtures as they are (this included 3ft and 4ft fixtures)



With those above requirements, JDR Industries created a triac dimming retrofit that would fit in all the needed spaces without changing over any wiring (product would plug directly into current wiring). The product would also mount into all current 4ft and 3ft fixtures.

RESULTS:



With the installation of the JDR Industries Vibrant Fluorescent to LED Retrofit, the church is saving over 70% on their electricity bill while increasing the lux output in the meeting room up 25%.

With the installation of smart switches, all lights can be controlled from the controls desk, without having to go to the wall; something that was never thought to be possible with an old facility like this.

