



## BEAUTY BRANDS

Oklahoma City, Oklahoma

Suzanne Buckmaster, Director of Facilities at Beauty Brands, wanted to find a better way to implement new lighting designs and energy management in her stores.

### Contract Type

Lighting Controls & EMS

### Energy Savings

50%

### FSG and OSRAM

FSG was able to help Beauty Brands save on this project by using OSRAM controls. The OSRAM solution was not only less costly, but will also be easier to upgrade and scale in the future.

### It's What We Do

Facility operators have so much more to worry about than just their lighting. FSG designs lighting and electrical systems that are efficient, effective, and easy to implement so that facility operators like Suzanne can save time and money.

## CHALLENGE

The primary challenge on this project related to the complexity of the initial lighting controls design. Wired relay panels and expensive controls dominated the initial design and made the design expensive both in material cost and labor. This combination of shortcomings had the potential to lead to cost overruns and missed deadlines.

## SOLUTION

After reviewing the plans FSG saw several areas where the design could be simplified to save time and money. FSG eliminated the use of unnecessary relay panels by using OSRAM EDGE wireless controllers to schedule the lights. Additionally, the lighting package installed in Beauty Brands uses the same hardware as the ENCELIUM Networked Light Management System. The Award-Winning ENCELIUM Networked Light Management System is a tried and true premium lighting solution with 3D graphical control and reporting. It easily meets 90.1.T-24, IECC, LEED, Green Buildings requirements thus making the system usable and scale-able for many years to come. Additionally, the highly versatile OSRAM EDGE mesh network has no need for repeaters or additional gateways making the entire system much more flexible.

## RESULT

In the end, Beauty Brands will realize a more than 50% reduction in overall operational cost, but more importantly, the Beauty Brands team was able to realize a new level of confidence in their lighting controls that can be duplicated and scaled time and time again across their entire real-estate portfolio.

