



GENERAL MOTORS

Nationwide



Owner

General Motors

Contract Type

Lighting

Contract Amount

\$25 million

General Contractor

Facility Solutions Group

LIGHTING CASE STUDY

FSG Upgrades Lighting in More than 65 GM Buildings Nationwide

CHALLENGE

General Motors Company is an American multinational corporation headquartered in Detroit that designs, manufactures, markets, and distributes vehicles and vehicle parts, with global headquarters in Detroit's Renaissance Center. In the age of the industrial Internet of Things (IIoT), automotive leaders like General Motors are using a surprising resource as the secret weapon for ramping up smart factory environments: LED lighting. FSG has upgraded lighting in over 65 buildings representing over 20 million square feet of GM space.

SOLUTION

FSG has completed projects at the Warren Tech Center and the Milford Proving Grounds in Michigan, The Lordstown Ohio assembly plant, the Marion Stamping facility in Indiana and the Wentzville Assembly plant in Missouri. At the Warren Tech site FSG originally did an upgrade project from T12 to T8 fluorescent, and then years later upgraded the T8 to LED. Fort Wayne and Marion HID fixtures were upgraded to new state of the art LED fixtures. FSG provided all services from audit and design to material supply, as well as installation.

RESULT

Projects were financed by FSG through our Laas offering, allowing GM to take immediate advantage of energy savings, without having to wait for capital appropriations. SMART LED's are expected to drive down energy costs by at least 50% and improve employee productivity in manufacturing plants across the United States.

