System Overview

The Cisco Digital Building Cree Solution is an over-the-top (OTT) connected lighting system that uses Cisco's Universal Power over Ethernet (UPoE) switching products and Cree's SmartCast® technology to directly control networks of lighting fixtures and provide indoor lighting services on the enterprise network.

The Cisco Digital Building Cree Solution will redefine the lighting solutions. Not since the conversion of the gas lamp to the electric light has the lighting industry undergone such a dramatic transition. Though the industry is undergoing a transition from fluorescent lamps to LEDs, the Cisco Digital Building Cree Solution can accelerate digital transformation and extend the benefits of the IoT throughout your facilities.

The Cisco Digital Building Cree Solution is based on a centralized model in which the light fixtures are connected to Cisco Catalyst 3850 UPoE stand-alone, Cisco Catalyst 3850 stack switches or Cisco Catalyst 4500E UPoE switch, which are deployed in the wiring closet. The Cisco Digital Building Cree Solution is deployed on a separate logical network. The lighting network has its own separate VLAN to communicate with other light fixtures and light management application.