Preface

This document provides implementation details for Cisco Digital Building Cree Solution initial installation, migrating the lighting initial setup to different production network topologies and ongoing lighting system management and maintenance.

This document provides the implementation details for the solution topologies discussed in "Section 3.1, System Topologies," of the *Cisco Digital Building Cree Design Guide*, which can be found at the following URL:

- https://docs.cisco.com/share/proxy/alfresco/url?docnum=EDCS-11343548

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Note   For power budgeting the Cree Lighting endpoints, please refer to the "SmartCast® PoE Required Switch Settings" section of the Cree SmartCast® PoE Technology Quick Start Deployment Guide, which can be found at the following URL:

- https://www.creelink.com/exLink.asp?32952792OR66B89I47749092&view=1

Audience and Scope

The audience of this guide comprises, but is not limited to, system architects, network/compute design engineers, systems engineers, field consultants, Cisco Advanced Services specialists, and customers who are deploying the Cisco Digital Building Cree Solution.

The Cisco Digital Building Cree Solution Cisco Validated Design (CVD) consists of a Design Guide, which provides overall guidance on the solution design and this Implementation Guide.

The detailed implementation of Cisco Campus Network architecture is beyond the scope of this document. Refer to the *Cisco Campus Network CVD* on Cisco's Design Zone at the following URL:

- http://www.cisco.com/c/en/us/solutions/enterprise/design-zone-campus/index.html#~validate

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Readers should be familiar with IPv4 networking concepts and protocols, Networking Layer 4 through Layer 7 services and Cisco Catalyst Series Switches, Cisco Unified Computing System (UCS), and VMware hypervisors.