Wireless Outdoor Lighting Controls by NorthStar™

Outdoor Fixture Lighting Controls
NorthStar™ Wireless Outdoor Lighting Controls

Site Lighting Controls for Outdoor Environments
Engineered to deliver 0-10V wireless, code compliant solutions, the NorthStar™ Outdoor Lighting Control System is designed to meet the unique needs of illuminated outdoor environments like parking garages, parking lots and public parks. The NorthStar system uses a robust, self-healing mesh network for multi-point control of outdoor lighting and is suitable for LED, switching and 0-10V dimming load types. Use the Leviton Provisioning App for provisioning and commissioning in just three easy steps.

NorthStar Outdoor Lighting Control Components

- **Fixture Controller**
  - Communicates to the NorthStar Site Controller for 0-10V dimming and switching
  - Functions performed by a time clock, dusk-to-dawn photocell or customized, advanced control sequences

- **Wireless Twist Lock Metering Fixture Controller**
  - Integrated photocell for switching and 0-10V dimming load types
  - Utility grade power monitoring - tracks energy usage and provides lamp failure alert

- **Site Controller**
  - Low cost distribution with 500 nodes per gateway and multiple configurations per project
  - Simple behavior-based programming with web browser end-user control

Features & Benefits

- **Robust, self-healing wireless network**
  - Multi-point control over a reliable mesh network
  - Encrypted network provides robust security
  - Saves on installation time

- **Code Compliant Outdoor Lighting Control**
  - Can be used to meet energy code requirements for ASHRAE 90.1, IECC and 2016 Title 24, Part 6 outdoor lighting control, occupancy sensing, 0-10V dimming and daylight harvesting requirements

- **Easy provisioning and configuring with the Leviton Provisioning App**
  - Leviton Provisioning App offers easy provisioning and commissioning with an Android smart phone or tablet
  - Scan the QR code on the Fixture Controller to automatically geolocate the fixture module on the network and upload to the Site Controller
  - The automated process significantly expedites the installation process and simplifies system management
  - A web browser dashboard simplifies configuration and control
NorthStar Browser-Based User Interface
Use the NorthStar browser-based user interface to set up controls via a private NorthStar network. The interface is embedded directly in the Site Controller allowing users to create their own account to control site lights. This primary NorthStar user interface allows users to easily configure and operate site lights with any browser-enabled device such as a smart phone, tablet or PC; however, Google Chrome is the recommended browser for this interface.

Leviton Provisioning App
Use the Leviton Provisioning App for Android smart devices to identify and locate the fixture controllers in the NorthStar Outdoor Lighting System. Simply scan the QR code on the fixture mode at the point of installation using the GPS feature on your tablet or smart device. Give the fixture module a name and the software will automatically geolocate the fixture module. This automated process significantly expedites the installation process and simplifies system management.
# Outdoor Lighting Controls

## Cat. No.  Description

### Fixture Controllers
- **OCF01-1RT**: 1 Zone Wireless Outdoor Fixture Controller with metering relay, 120-277VAC, 50/60 Hz
- **OCF01-10T**: 1 Zone Wireless Outdoor Fixture Controller, 120-277VAC, 50/60 Hz
- **OCF00-1RN**: Wireless Twist Lock Metering Fixture Controller with NEMA Twist Lock, 120-230-277VAC, 50/60A, 5A relay

### Site Controllers
- **OC00G-00G**: NorthStar Site Controller, includes externally mounted 3dBi antennas and power supply
- **OC00G-ENC**: Enclosure for NorthStar Site Controller, includes externally mounted 3dBi antennas and internal power supply. Site controller must be purchased separately and installed in the field.

### Sensor & Photocell
- **OSFHP-ILW**: PIR Fixture Mount High Bay Occupancy Sensor
- **PCOUT-000**: Outdoor Photocell

### Accessories
- **OCANT-MPP**: 2.4GHz 3dBi Outdoor Rated Antenna with 10” pigtail for NorthStar Systems
- **OCANT-MPA**: 2.4GHz 3dBi Outdoor Rated Antenna for NorthStar Systems, extension cable required
- **OCAEX-024**: 2ft 200 Series Coax Male RPSMA to Male NTYPE Antenna Extension Cable
- **OCAEX-048**: 4ft 200 Series Coax Male RPSMA to Male NTYPE Antenna Extension Cable
- **OCAEX-120**: 10ft 200 Series Coax Male RPSMA to Male NTYPE Antenna Extension Cable
- **OCAEX-240**: 20ft 400 Series Coax Male RPSMA to Male NTYPE Antenna Extension Cable
- **OCAEX-360**: 30ft 400 Series Coax Male RPSMA to Male NTYPE Antenna Extension Cable