PHILIPS

Outdoor Controls

Integrated wireless technology

Site Solutions

Manage your site lighting in real time, **from anywhere**

Philips LED site and area and parking garage luminaires featuring integrated wireless controls

Connected lighting designed to **maximize energy savings**

Philips has combined our industry leading LED parking garage and site and area luminaires with wireless technology to create a two-way network of communication. Our site solution allows you to control your luminaires from any remote location to help provide significant energy savings and streamline facility management to reduce your total cost of ownership. The Philips wireless site solution is available in the LED parking garage and site and area luminaires shown below, giving you the flexibility to create an intelligent outdoor site lighting package.

Parking garage luminaires

Philips Gardco G3 Luminaire

Philips Gardco VizorLED

Philips Gardco SoftView Luminaire

Site and area luminaires

Philips Gardco PureForm P21

Philips Gardco PureForm P32

Philips Gardco EcoForm

Philips Gardco Gullwing GL18

Site and Area sensor mount options

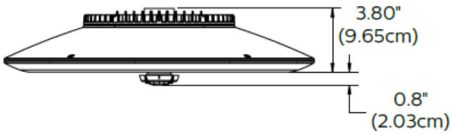
Luminaire Mounted Sensor

Pole Mounted Sensor

Standalone Sensor

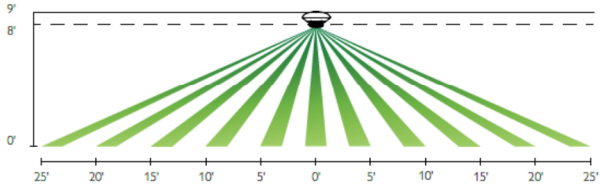
Parking garage luminaires

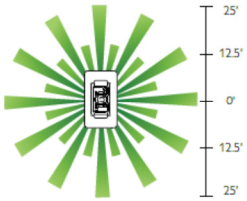
Radio and motion sensor details



- Motion sensor coverage can be adjusted from a narrow to a wide (25' radius) detection range, which helps reduce false triggers to further increase energy savings.
- 1.8 Watts max (no load draw)
- Operating voltage 120-277 VAC RMS
- Communicates using the ZigBee protocol
- Carries out dimming commands from Gateway
- Reports ambient light readings to 1500 Ft-Cd
- Transmission Systems Operating within the band 2400-2483.5Mhz
- ROHS Compliant
- Sensing profiles can be updated to adapt to activity levels in the environment, such as occupancy level, wind, and mounting height.

Typical Sensor Coverage





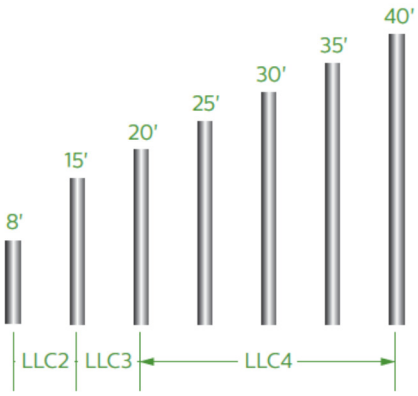
Site & Area

Wireless system – Luminaire configuration information

LLC2/LLC3/LLC4 Luminaire Mounted Controller

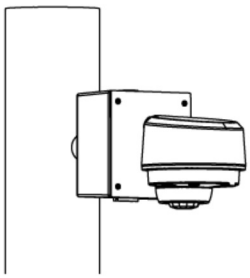
Controller pod attached to luminaire and Includes radio, photocell and motion sensor with #2, #3 or #4 lens for 8-40' mounting heights.

Recommended Sensor by Pole Height



LLCR2/LLCR3/LLCR4 Pole Mounted Controller

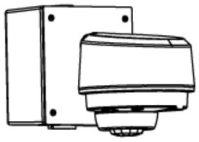
In this configuration, the wireless controller will be mounted to the pole at a fifteen foot mounting height. The number of luminaires on each pole, as well as the specific wattage chosen, will determine how many controllers will be required.



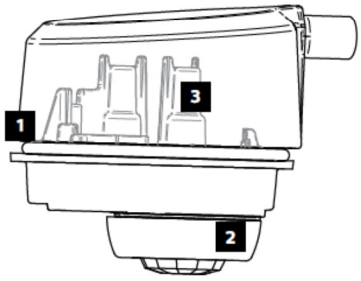
When using the wireless remote accessory option (LLCR-F) in a pole mount application, specify pole option (CL=Coupling Internal Thread, 3/4" size). Confirm required orientation of luminaire and wireless controller. Indicate height above pole base and orientation to hand hole. Recommended min pole height is 18ft, with option (CL) 15ft above pole base. Other heights are possible when choosing the appropriate sensor lens type. See pole specification sheets for more information.

Remote Mount Wireless Controller

Used to extend the communication on site, to extend motion response and add other luminaires that are not pole mounted. Consult factory for more information.



Wireless system sensor



1. Photocell

- Ambient light photocell on every wireless radio that averages the light levels of up to 5 controllers for an accurate reading and optimal light harvesting activity.
- Reports ambient light readings to 1500 Fc.

2. Motion Response

- Detects motion through passive infrared sensing technology with three different lens configurations.
- Motion sensor coverage can be adjusted from a narrow to a wide detection range, which helps reduce false triggers to further increase energy savings.
- Sensing profiles can be updated to adapt to activity levels in the environment, such as occupancy level, wind, and mounting height.

3. Wireless Radio

- 1.8 Watts max (no load draw)
- Operating voltage 120-277 VAC RMS
- Communicates using the ZigBee protocol
- Carries out dimming commands from Gateway
- Reports ambient light readings to 1500 Ft-Cd
- Transmission Systems Operating within the band 2400-2483.5Mhz
- RoHS Compliant

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