

Premier Lighting

CHOOSE FROM THE FOLLOWING FOR RADIO (RF) CONTROLLED DIMMABLE LIGHT FIXTURES:

BASIC (RF) SYSTEM = IF EACH LIGHT HAS (RF) + MOTION DETECTOR + PHOTOCELL:

- INTERNET: Remote Computer Receives Power Consumption Data & Self-Diagnostics Information
- LOCATION MAPPING: Remote Computer shows Map, Location & Status of each Fixture
- DIMMING LEVELS & DIMMING TIME : Can quickly be adjusted remotely via computer or handheld device
- FOR ABOVE GROUND PARKING STRUCTURES: Photocells turn peripheral lights off in daylight to save energy

BASIC (RF) SYSTEM = IF SOME LIGHTS HAVE (RF) + MOTION DETECTOR + PHOTOCELL:

- REMOTE DIMMING: A Central Light with (RF) can Control and Dim up to 60 other lights
- REMOTE ON/OFF: A Central Light with (RF) can Turn a Cluster of Lights ON & OFF

ADD THE FOLLOWING OPTIONS FOR ONBOARD PARKING SPACE MONITORS:

- Each (RF) Light monitors 6 Parking Spaces: **RED = All FULL / GREEN = SOME EMPTY**
- SCREENS: Available stalls shown on Screens at Entry to Lot and Entry to Parking Levels
- INTERNET: Remote Computer Receives Parking Reports by Parking Level & Location
- OVERTIME MONITOR: Reports Timed-out Violations in Pay Parking Lots
- SECURITY MONITOR: Reports and tracks movements of intruders after hours
- FIRE & SMOKE ALARMS: System Supports External Smoke & Heat Detectors
- CARBON MONOXIDE DETECTORS: System Monitors CO Levels and Controls Fans
- BATTERY BACK-UP: Can be added to (RF) Emergency Fixtures for Power Outages

OUR (RF) LIGHTING IS EASY TO INSTALL AND MAINTAIN BECAUSE:

- Each (RF) Light's Identity and Location is mapped & assigned to a grid
- Each Parking Sensor has a separate Address & is assigned to a Cluster
- Each Light and the surrounding Cluster of Parking Sensors is marked on a map
- Each map is available Online or in Printed Form for ease of installation.
- Each (RF) Light has a Location and Address label under fixture's lens
- Each Light also has an easy-to-see Location Number on the outside of the lens

EASY TO RE-PROGRAM:

- Fixtures or Groups of Fixtures can be re-programmed at any time via a Cell Phone or Remote Computer

Premier Lighting

1052 Boundary Rd., Burnaby,
BC, Canada V5K 4T3
Tel: 604-294-2334 Fax: 604-294-2126
Toll Free: 1-877-294-2334

Email: premier@premier-lighting.net
www.premierlightingusa.com

PARK-KIT ↑ THE GUIDING LIGHT ↓

A Multi-functional Radio-Controlled "Dimmable" Garage Lighter & Parking System



NON-GLARE, DIMMABLE LED
VAPOUR-PROOF LIGHT







DIMMABLE HIGH LUMEN LED



DIMMABLE INDUCTION

MODELS

PHOTO	PART NO.	LAMP	VOLTS	+ WATTS	LUMENS	LU/WATT	KELVINS	CRI	DIMENSIONS
	VP81210-2X50LEDLL 2 FT VAPOUR PROOF NON-GLARE LINEAR LED	2X14W	120 277 347	28W	3,800 Lm	135 Lm	4100K	85	6" X 25"
	VP81210-E 4 FT VAPOUR PROOF LINEAR LED OR FLUORESCENT	4X50LEDLL 2X32WFL	120 277 347	52W 72W FL	7,600 Lm 4,800 Lm	135 Lm 94 Lm	4100K 4100K	85 80	6" X 47"
	WF52426M	64X1W	120 277 347	74W	6,400 Lm	87	4100K	80	13" X 12"
	WF52427-IND	1X70W 1X100W	120 277 347	70W 100W	5600 Lm 8000 Lm	80	5000K	85	15" X 11.25"

PARK-IT FEATURES

LIGHT:

- Dimmed mode is standard setting
- Light brightens when motion detected
- Can act as a emergency light during power outages

OPTIONS:

System can support:

- Fire alarm, smoke/heat detectors
- Carbon Monoxide detectors



SOFTWARE FUNCTIONS:

- Monitors power consumption by fixture or group of fixtures
- Each fixture performs self-diagnostics
- Monitors & indicates available parking spaces by zone or by floor
- Ties into pay parking meters to report over-time violations

OCCUPANCY SENSORS:

- Remote sensors detect the presence of vehicles in parking spaces
- (6) parking spaces per fixture can be assigned to sensors
- Sensors report via RADIO & INTERNET to on/off-site computers



RADIO FUNCTIONS:

- Lights can be grouped as Masters/Slaves by floor or area
- Units programmable on/off-site via handheld device or computer

MOTION DETECTORS:

- Range of detector: 12m radius
- Detects movement of cars or people
- When motion is detected dimmed lights go to full brightness
- Can be set to monitor and track intruders for after-hours security



LED PARKING SPACE INDICATOR:

- **Red** indicates space is occupied
- **Green** indicates space is empty

FOR ABOVE GROUND PARKING:

- Photo-Cell turns lights off during daytime
- Step-Dimming programmable from 35%-100%

PARK-KIT ↑ THE GUIDING LIGHT ↓

A Multi-functional Radio-Controlled "Dimmable" Garage Lighter & Parking System

Huge savings on energy costs. Lights operate in dimmed mode about 75% of the time, saving energy and extending lamp life. Long-life systems such as LED and induction lighting will require little maintenance for many years.

Each light fixture will:

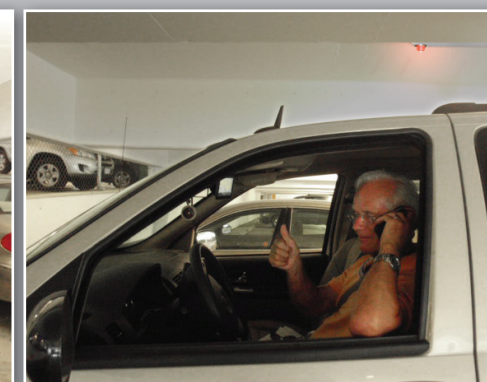
- SAVE** about 1.4 Kilowatt hours of energy per 24 hours
- SAVE** about 510 Kilowatt hours of energy per year
- SAVE** about 4 bulb replacements (plus labour) over its life
- SAVE** about .28 KG of greenhouse gasses per 24 hours
- SAVE** about 102 KG of greenhouse gasses per year



- A vehicle approaches a parkade with the PARK-KIT system installed.

- A screen lets the approaching driver see where parking is available. Daylight is present in above-ground parking lot, lights are dimmed.

- Vehicle enters darker area & dimmed lights brighten. The vehicle proceeds to spot indicated by green light.



- PARK-KIT brightens lights in the selected area. Indicator goes red when space is occupied.

- If passenger lingers in vehicle lights dim automatically.

- Passenger emerges & lights switch to full brightness.



- Lights remain at full brightness as long as motion is detected.

- When car departs lights return to dimmed levels, saving energy.

- PARK-KIT indicators have turned green to show the spots currently vacant.