

# LED Street Light Control Options

Enable Wireless Controls

Incorporate Smart City  
Technology

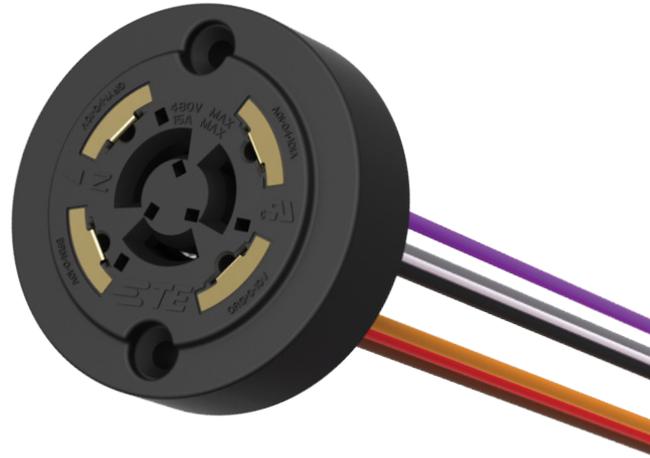


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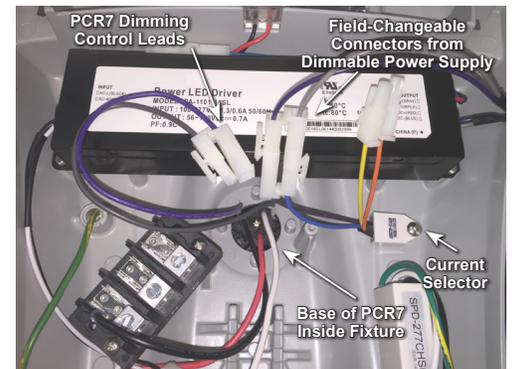
# Versatile options make it convenient and cost-efficient to retrofit for current applications or future upgrades

All Leotek luminaires are standard with a 1 to 10V dimmable power supply. The dimmable power supply enables field-adjustability or continuous dimming with a wireless dimming node.



## PCR7 options (ANSI C136.41 Compliant)

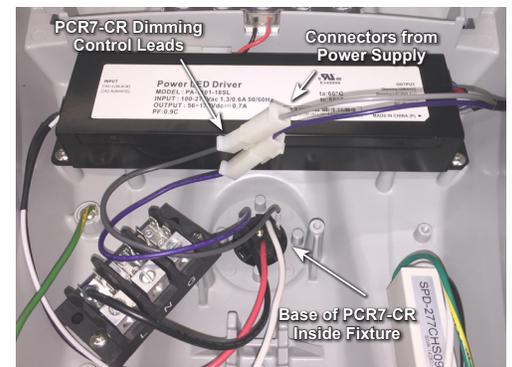
- Field-adjustable light output
- All factory drive current or output settings available
- Connectors supplied for tool-less conversion to wireless dimming via PCR-7
- Field-changeable connectors quickly enable wireless node dimming, if desired in the future (As shown in photo example on right)
- Also accepts standard (3-wire) photocell



Example of PCR7 Option

## PCR7-CR options (ANSI C136.41 Compliant)

- Factory-wired for “control-ready” 1-10V dimming with wireless node (by others)
- Maximum output will be set per product specifications
- Also accepts standard (3-wire) photocell



Example of PCR7-CR Option

If you plan on installing wireless nodes immediately, we recommend that you specify the control ready option, PCR7-CR.

If you do not plan on installing nodes until a later date, and you initially want the capability to field adjust light levels, you should specify PCR7.



**Standard 3-Wire Photocell Receptacle**  
Accepts Standard Photocell

**PCR7 and PCR7-CR Options**  
Accepts Wireless Control Node  
or Standard Photocell



### Comparison Chart

Option Code	Receptacle	Wireless Dimming Node Control-Ready	Requires Field Connections for Wireless Node	Supplied with Field-Adjustable Selector to Change Light Output
Standard Photocell Receptacle <sup>1,2</sup>	3-Wire	N/A	N/A	Yes
PCR7 <sup>2</sup>	7-Wire	No	Yes	Yes
PCR7-CR <sup>3</sup>	7-Wire	Yes	No	No

1. A 3-wire photocontrol receptacle is standard on the ComfortView, GreenCobra and E-Cobra series and an option (PCR) on the AR series.

2. Current selector or output selector included to allow field selection of desired current to change light output.

3. Furnished "control-ready" at factory for wireless node (by others). Control-ready option will be set at luminaire's maximum output per product specification. (Refer to specification sheet for complete details).

## Leotek Technology Integration Group

Leotek's Technology Integration Group (TIG) was established to address customer's unique requirements which cannot be effectively addressed with a standard cataloged product. The group consists of mechanical, optical, thermal and electrical experts who have extensive experience in lighting technology and applications. The members of our dedicated team of professionals are experts at assessing your needs and providing customized product solutions.

If you have a lighting problem, we would like to discuss a solution with you. Please contact your local Leotek sales representative with your project requirements.



Leotek Electronics USA LLC, located in California's Silicon Valley, is celebrating over twenty years as an LED lighting manufacturer, and is a leading supplier of LED street lights worldwide. Globally recognized as a pioneer in light-emitting diode technology, and with millions of LED products installed worldwide, the company has a historical legacy of proven performance. Leotek offers innovative LED lighting products for applications encompassing traffic, transit, street, and area lighting. Leotek street and area lighting products are assembled in the USA.

With ongoing research and development, continuous improvement of existing products, and the introduction of innovative new products, Leotek is committed to developing solid-state technologies that are reliable, long-lasting, and energy efficient.

1955 Lundy Ave., San Jose, CA 95131  408.380.1788

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