

LED Transportation Signal Lighting

Leotek LED traffic signal modules are installed in over 30% of America's intersections including over 6,000,000 modules installed in North America and Over 14,000,000 traffic signals worldwide



LEOTEK



Established as a pioneer in Light-Emitting Diode (LED) technology since 1992, Leotek Electronics is focused on remaining a globally recognized leader in the LED industry. Our goal is to design and manufacture products representing a combination of cutting edge SSL technology complimented by environmentally friendly Green Technology.

In 2001 Leotek introduced their first LED traffic signal, eventually becoming one of the largest suppliers of traffic signals in North America with Over 14,000,000 traffic signals installed worldwide.

Over 6,000,000 Leotek LED modules are installed in North America, with locations in every state. Leotek has moved forward to emerge as an international leader, with LED Traffic and Transit products installed throughout the world.

Leotek LED Traffic and Transit products conform to many of the leading global standards including ETL, ITE, European, Australian, Asian, Middle Eastern and other major market certification requirements.

- Patented, Innovative LED Optical Technology
- Easy Installation into Existing Housings
- Unique Masking Options Available
- Superior Thermal Management
- Intertek ETL Verified
- Enhanced Uniformity
- Engineered for Superior Thermal Management
- Meets and/or exceeds all ITE standards
- Environmentally Friendly
- Significant Energy and Maintenance Savings



Visit Leotek.com to download product specification sheets

IL6 Series 8" and 12" Incandescent Look LED Traffic Signal Ball Modules

Approved by most United States Departments of Transportation, and listed on numerous Approved Products Lists, the patented, innovative optical technology of the IL6 Series LED Traffic Signal Module can help provide your city with dramatic savings on energy and maintenance costs.

- Enhanced uniformity
- Engineered for superior thermal management
- Intertek ETL verified
- Meets and/or exceeds all ITE standards
- Standard 5 Year Warranty

Incandescent Look 8" & 12"
IL6-P3 Series
80-135Vac Signal Ball



Incandescent Look 8" & 12"
IL6-P3/P2 Series
10-28Vdc LED Signal Ball



Incandescent Look 8" & 12"
IL6-P3 Series
48Vdc LED Signal Ball



Incandescent Look 12"
Ultra Low Power Amber
10-28Vdc LED Signal Bal



DT Series 8" and 12" Incandescent Look LED Traffic Signal Ball Modules

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- Enhanced uniformity
- Engineered for superior thermal management
- Intertek ETL verified
- Meets and/or exceeds all ITE standards
- Easy installation into existing signal housings
- Patented innovative optical technology
- Maintains 70% of the initial lumen intensity after 300,000 hours of operation
- Overmolded electrical connectors provide fully-weatherized seal
- Standard 15 Year Warranty



IL6-P3 Series Incandescent Look 8" and 12" IL6-P3 Series LED Traffic Signal Arrow Modules

Approved by most United States Departments of Transportation, and listed on numerous Approved Products Lists, the patented, innovative optical technology of the IL6 Series LED Traffic Signal Module can help provide your city with dramatic savings on energy and maintenance costs.

- Enhanced uniformity
- Engineered for superior thermal management
- Intertek ETL verified
- Meets and/or exceeds all ITE standards
- Maintains 70% of the initial lumen intensity after 100,000 hours of operation
- Overmolded electrical connectors provide fully-weatherized seal
- Standard 5 Year Warranty

Incandescent Look
8" and 12" IL6-P3 Series
80-135Vac Signal Arrow



Incandescent Look
8" and 12" IL6-P3 Series
10-28Vdc Signal Arrow



Incandescent Look
12" IL6-P3 Series
48Vdc Signal Arrow



Incandescent Look
12" IL6-P3 Series
U-Turn Arrow, 80-135Vac



DT Series 12" Incandescent Look Extended Life Traffic Signal Module Arrow

Approved by most United States Departments of Transportation, and listed on numerous Approved Products Lists, the patented, innovative optical technology of the IL6 Series LED Traffic Signal Module can help provide your city with dramatic savings on energy and maintenance costs.

- Enhanced uniformity
- Engineered for superior thermal management
- Intertek ETL verified
- Meets and/or exceeds all ITE standards
- Easy installation into existing signal housings
- Patented innovative optical technology
- Maintains 70% of the initial lumen intensity after 300,000 hours of operation
- Overmolded electrical connectors provide fully-weatherized seal
- Standard 15 Year Warranty



LD Series 12" Arrow Bi Modal, 80-135Vac

The Arrows in the LD series are LED Traffic Signal Modules, which can be positioned horizontally, vertically, or in an angular orientation. Ensure that traffic flow is not interrupted by choosing the only LED traffic signal modules in the industry that are backed by an exceptional warranty and are virtually maintenance free.

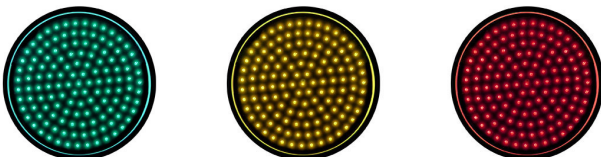
- "Fail-State Impedance" design
- Environmentally friendly
- Multiple connections available for specific applications
- Exceptional color uniformity and readability
- Excellent moisture and dust resistance through complete O-ring sealing
- Robust hard-coated and UV-stabilized polycarbonate lens for increased longevity against the elements
- Standard 5 Year Warranty



Extended View 8" and 12" EV Series, 80-135Vac Signal Ball

The LED Traffic Signal Modules in the Extended View Series are designed to direct more light above and below the typical horizontal axis requirement. This series also features a "Fail State Impedance" design to ensure controller and monitor compatibility in the event of loss of light output. Available in 8" and 12" models, these LED traffic signal modules outperform all others on the market.

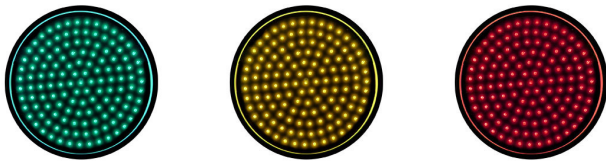
- Designed to direct more light above and below the typical horizontal axis requirement
- "Fail-State Impedance" design
- Significant energy and maintenance saving
- Multiple connections available for specific applications
- Exceptional color uniformity and readability
- Excellent moisture and dust resistance through complete O-ring sealing
- Standard 5 Year Warranty



Programmable Visibility 5" PV Series, 80-135Vac Signal Ball

The PV Series LED Traffic Signal Module is an easy to install "plug-in" for retrofitting Programmable Visibility housing. It requires no modification to the existing housing.

- Simple and fast installation with "plug-in" retrofit
- No modification required
- Significant energy and maintenance savings
- Exceptional color uniformity and readability
- Maintains 70% of the initial lumen intensity after 100,000 hours of operation
- Excellent moisture and dust resistance through complete O-ring sealing
- Environmentally friendly
- Robust hard-coated and UV-stabilized polycarbonate lens for increased longevity against the elements
- Built-in Constant Current Source (CCS) provides uniform light output from the first to the last modules
- 5-Year Limited Warranty



Bus Indication Signal

The Bus Indication LED Traffic Signal Module is known for its optimal quality and useful nature. This highly visible indication offers exceptional color uniformity and readability. Available in a 12" model, the IL6 traffic signal LED module also offers superb reliability and longevity.

- Simple and fast installation
- Significant energy and maintenance savings
- Highly visible indication offers exceptional color uniformity and readability
- Excellent moisture and dust resistance through complete O-ring sealing
- Engineered aluminum heat sink for optimum thermal management
- Robust hard-coated and UV-stabilized polycarbonate lens for increased longevity against the elements
- Standard 5 Year Warranty



Bicycle Indication Signal

Improve the safety of cyclists in your city by choosing the Bicycle Indication LED Traffic Signal Module. Available in a 8" and 12" model, it has an engineered aluminum heat sink for optimal thermal management.

- Simple and fast installation
- Significant energy and maintenance savings
- Highly visible indication offers exceptional color uniformity and readability
- Excellent moisture and dust resistance through complete O-ring sealing
- Engineered aluminum heat sink for optimum thermal management
- Robust hard-coated and UV-stabilized polycarbonate lens for increased longevity against the elements
- Standard 5 Year Warranty



LED Pedestrian Countdown Signal Modules

Leotek has provided pedestrian safety for over 20 years, managing pedestrian traffic smoothly and reliably with our industry standard CIL series. Leotek continues to lead the industry with our new SPC (Superior Performance Countdown) Series. The SPC Series utilizes innovative optics for improved light uniformity. CIL and SPC series are 16" incandescent-looking countdown modules.

The Countdown and Standard Indications in the CD (Countdown Digits), WM (White Man), HM (Hand/Man), EH (Orange Hand) Series are available in a 12" module.

- SPC Series Countdown Module offers excellent non-pixelated uniformity with superior value
- Environmentally friendly
- Significant energy and maintenance savings
- Excellent moisture and dust resistance
- Maintains 70% of the initial lumen intensity after 100,000 hours of operation
- Standard 5 Year Warranty

SPC Series
Countdown Module – 16"



CIL Series
Countdown Module – 16"



CD, WM, HM, EH Countdown
& Indications Series Module – 12"



SPC Series 48V
Countdown Module – 16"



Standard Indications LED Pedestrian Signal Module – 16", 14" and 9"

Leotek has provided pedestrian safety for over 20 years, managing pedestrian traffic smoothly and reliably with our industry The DIL (Incandescent Look) and DP (Pixelated) are both 16" modules for Hand/Man indication.

HM (Hand/Man), WM (Walking Man), EH (Orange Hand) Series are LED pedestrian signal modules which use state-of-the-art technology to provide quality products with unmatched reliability.

- Environmentally friendly
- Significant energy and maintenance savings
- Excellent moisture and dust resistance
- Maintains 70% of the initial lumen intensity after 100,000 hours of operation
- Standard 5 Year Warranty

DIL/DP Series Standard
Indications Module – 16"



HM Series Standard
Indications Module – 14"



WM, EH Series Standard
Indications Module – 9"



LED Railroad Grade Crossing Signal

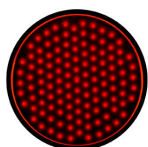
Leotek's Grade Crossing Signal is an LED railroad signal module available in both incandescent and pixelated looks. Built with long life LED technology, the grade crossing signal is a brilliant warning device for road vehicles at railroad grade crossings. The robust LED modules of this railroad signal are designed to withstand the demanding environment of the rail industry, and the UV-stabilized polycarbonate front lens is vandal resistant.

- Meets AREMA and Transport Canada standards for Safety Assurance
- Side lights for extra safety and visibility
- Manufactured in the USA
- Standard 5 Year Warranty

Incandescent Look
IL Series



Extended View
EV Series



LED Railroad Transit Signal

Leotek's IL Series LED Transit Signals utilize reliable high power LEDs to deliver outstanding performance. Eliminate the high cost associated with other transit signal modules by using Leotek's long lasting LED products, which are virtually maintenance free.

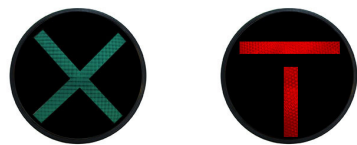
- Meets AREMA and Transport Canada standards for Safety Assurance
- Side Lights available in both red or white for extra safety and visibility
- Excellent moisture and dust resistance
- 5-year Limited Warranty



LED Railroad Special Applications Signal

The LED special applications signal module provides improved signal visibility and unmatched reliability and is designed to meet the needs of the demanding railroad industry.

- Meets AREMA and Transport Canada standards for Safety Assurance
- Excellent moisture and dust resistance
- 5-year Limited Warranty



LED Railroad Power Off Indicator

- Available in both red and white for extra safety and visibility
- Easy to retrofit
- Excellent moisture and dust resistance
- Robust hard-coated and UV-stabilized polycarbonate lens for increased longevity against the elements
- Continuous LED on indicates AC power on, flashing LED indicates power off
- 3-year Limited Warranty



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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.

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Visit Leotek.com to download product specification sheets

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To learn more visit www.leotek.com or contact a Leotek lighting agent 408.380.1788