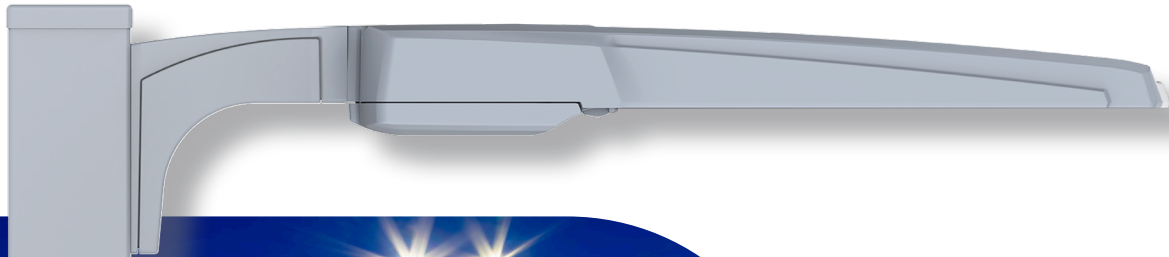


LEOTEK®



VersaTEK Series

Performance LED Flood, Site & Area and OFF-Roadway Solutions



Versatility by Design

LEOTEK's VersaTEK Series was designed for ultimate project versatility thanks to its perfect combination of power, performance, features and durability for any Flood, Site & Area and OFF-Roadway application.

Engineered with the latest LED and driver technologies, VersaTEK Medium luminaires deliver up to 50,000+ lumens and the Large up to 65,000+ lumens with efficacies as high as 190+ LPW. With an optional field adjustable performance selector, 14 mounting options to choose from, combined with a wide range of performance optics and shield options, standard 50°C high-ambient & IP66 design, tool-free electrical access and removable Power Door option, while weighing only 19-29 lbs in the Medium and 30-38 lbs in the Lager for safe & easy installation...VersaTEK is ultimately the true definition of 'Versatility by Design' for any project or application.



"VersaTEK from LEOTEK is my one stop shop for our wide range of applications, simplifying our fixture asset management while minimizing complexity for my work crews..."

~ Senior QPL Engineer



Floodlighting

The VersaTEK Floodlight Series is an extremely durable and performance focused solution for both specification and budget minded applications for demanding Utility, Municipality, DOT and Commercial project applications.

A value-driven solution for any flood application where the VersaTEK Flood's product reliability and performance is paired with a lineman-friendly installation and hassle-free maintenance design to help deliver the lowest total cost of ownership possible over an expected installed service life of 10 to 20 years.

Whether you need to light a loading dock, large open spaces or accent a building's facade or structure like a bridge, the VersaTEK Flood has a wide range of mounting and performance optical solutions to get the job done. Three slipfitter options, yoke or trunnion and adjustable wall or direct to pole mounting solutions coupled with a wide selection of all-purpose and performance flood optics to design with, making this floodlight ideal for new construction or as a retrofit solution providing ~70-80%+ in combined energy and maintenance savings vs. legacy HID alternatives.



Large housing w/ 'SF' slipfitter mount & UL recognized splice box



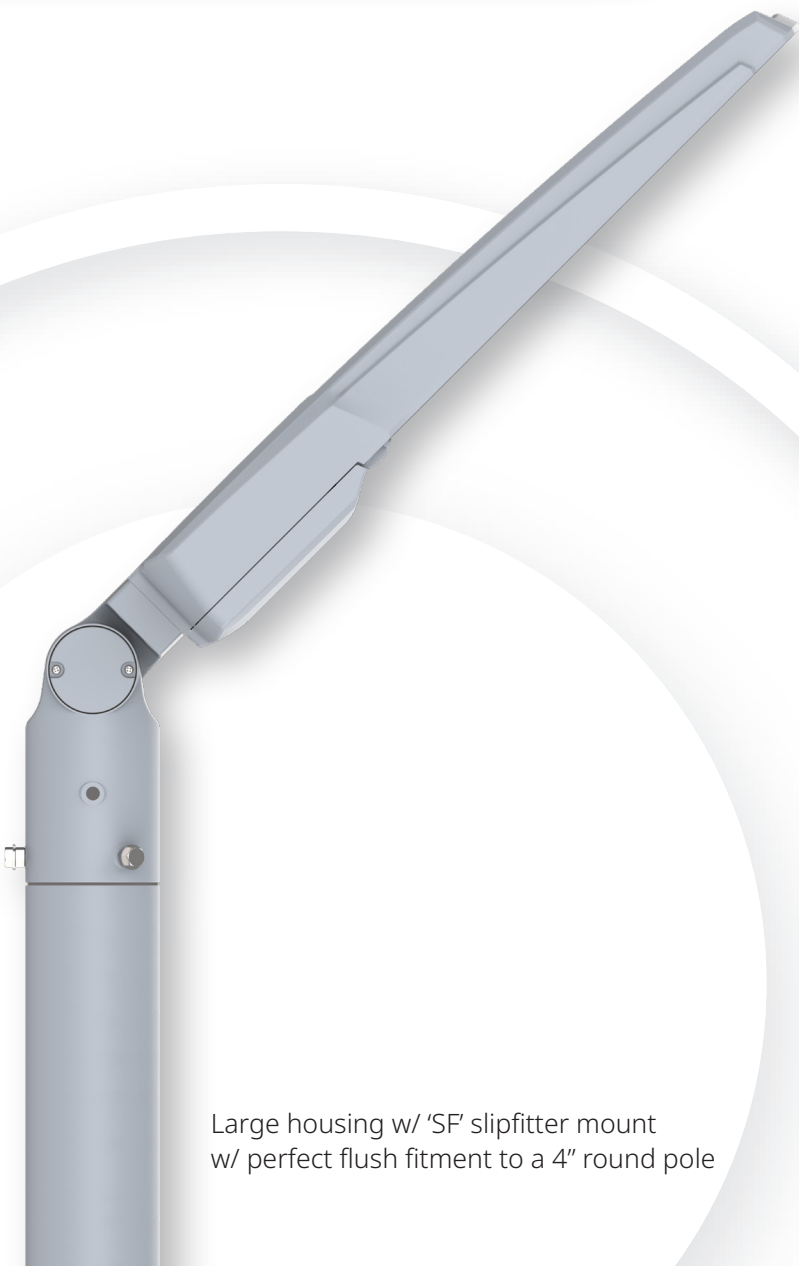
Medium housing w/ 'TR' trunnion mount

"I can light everything from my equipment storage yards, loading docks and electrical substations for safety and security...VersaTEK has every design option I need and more..."

~ Facilities Manager



OFF-Roadway Lighting



Large housing w/ 'SF' slipfitter mount w/ perfect flush fitment to a 4" round pole



Medium housing w/ 'ASPM' adjustable direct mount to 4" square pole

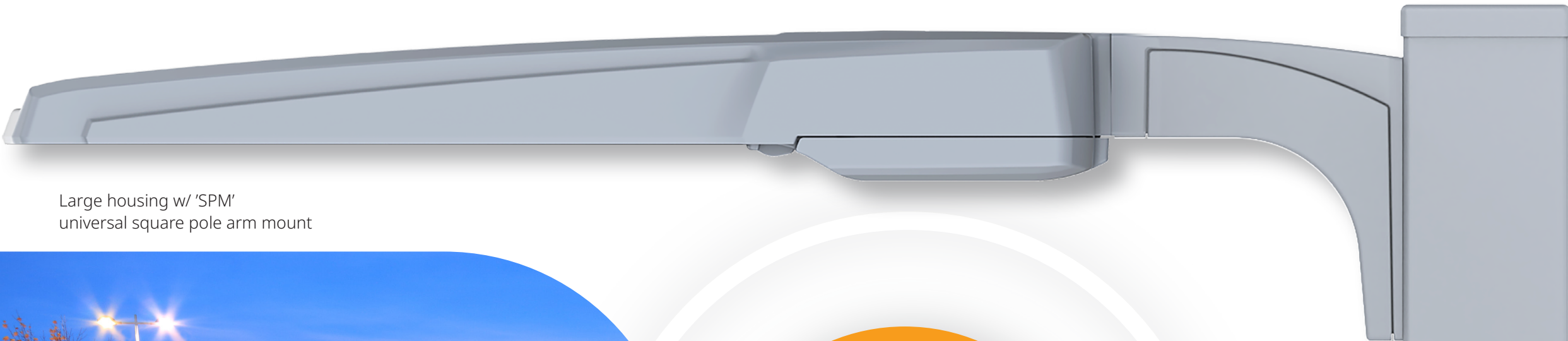
The VersaTEK OFF-Roadway Series provides elite level performance illumination & safety for a wide range of offset roadway, interstate highway applications and more, while helping to significantly reduce infrastructure expenses over the installed life of the system.

Providing a safety-focused solution for drivers on busy roads and highways and the crews that install and maintain the luminaires year-round. VersaTEK's OFF-Roadway performance optics combined with the ability to tilt for maximum coverage, pole spacing and uniformity helps to make our roads and highways safer for all during any nighttime driving condition.

Required pole counts are significantly reduced thanks to wider on-center spacing and broad multi-lane coverage. Expensive pipe and wire costs are reduced by eliminating the use of secondary pole arms. Resulting in ~70-80%+ in combined energy and maintenance savings and reduced infrastructure costs over the full installed life.

An optional tool-free removable 'Power Door' helps to increase safety during routine maintenance while also helping to reduce operational and maintenance savings at the same time. All serviceable electrical components can be removed and replaced in less than 30 seconds by simply removing and replacing the electrical door all without tools. Keeping field service time in a lift truck on busy freeways and a pole's downtime to an absolute minimum for everyone's safety.

Site & Area Lighting



Large housing w/ 'SPM'
universal square pole arm mount



*"My workers feel
safe when leaving
the office at the end of
the day as our entire
parking lot is well lit
with no dark areas
or shadows..."*

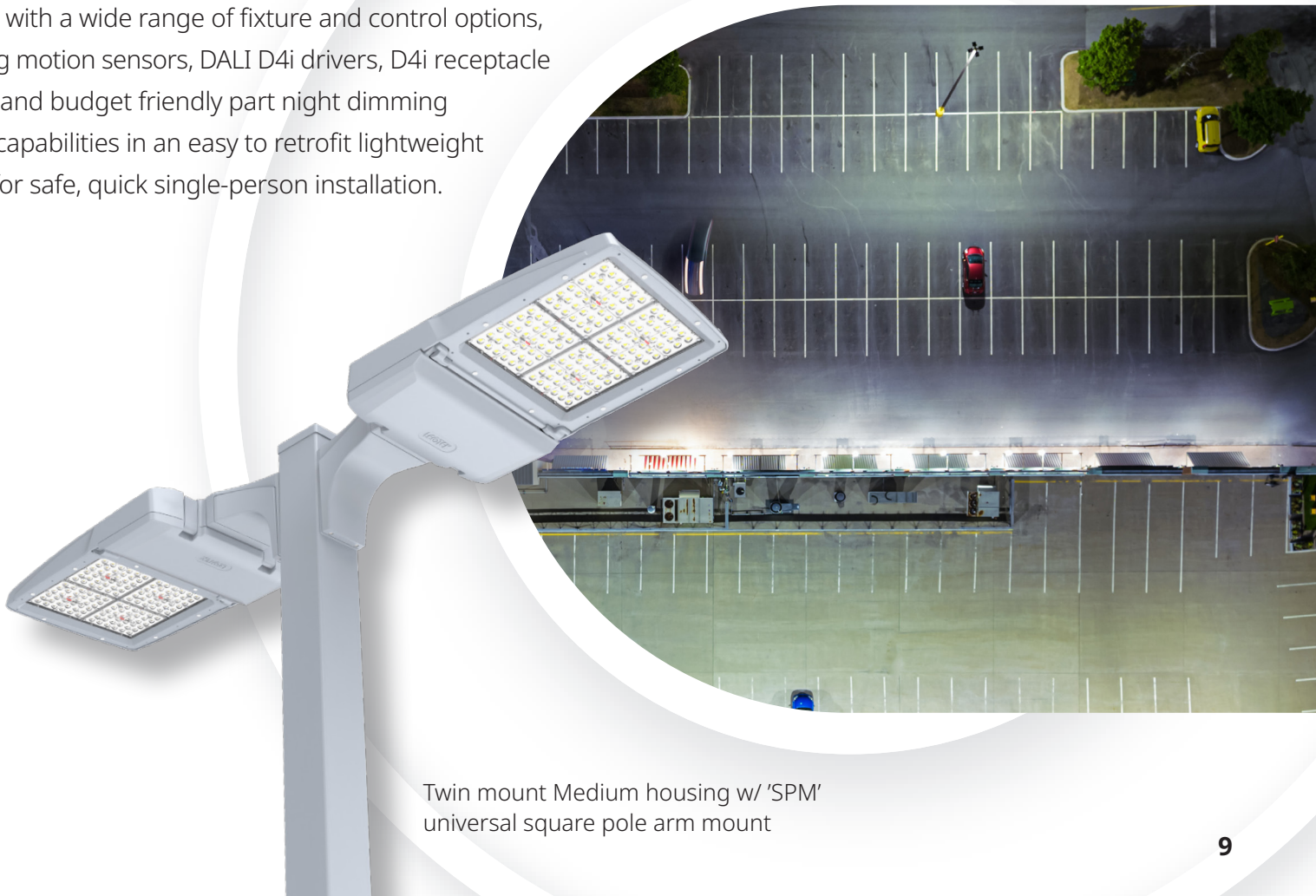
~Retail General Manager

The VersaTEK Site & Area Series is the perfect blend of architectural design, power, performance and reliability with a simple retrofit friendly design delivering up to 65,000+ lumens and weighing only 19 to 29 lbs.

For end users looking for value friendly initial installed costs, combined with significant energy and maintenance savings resulting in ~70-80%+ combined savings over the course of its installed life versus traditional HID luminaires, VersaTEK's Site & Area Series is your clear choice for optimal payback, reduced total cost of ownership and overall ROI.

With a clean free flowing low-profile architectural design, the pole arm mount blends seamlessly into any environment or application. Performance factory rotatable optics and multiple field installable shield options allows for extremely uniform illumination that looks amazing while providing visual safety and trespass control for demanding installations.

Pair this with a wide range of fixture and control options, including motion sensors, DALI D4i drivers, D4i receptacle options and budget friendly part night dimming control capabilities in an easy to retrofit lightweight design for safe, quick single-person installation.



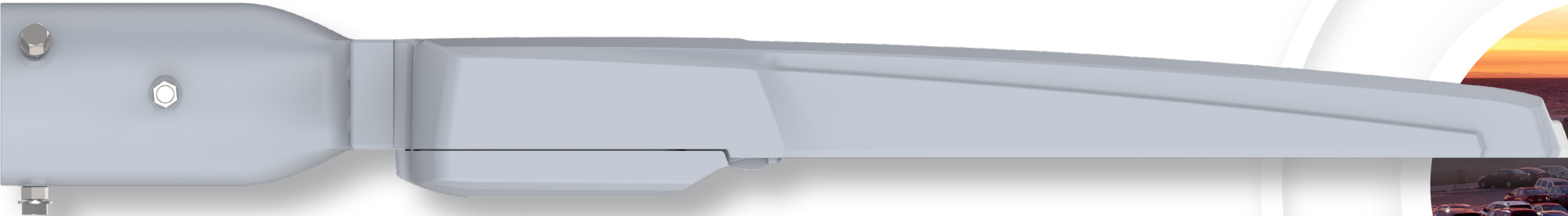
Twin mount Medium housing w/ 'SPM'
universal square pole arm mount

Specs at a Glance

Engineered to meet the most demanding performance, safety, reliability and core functional specifications in today's demanding Utility, Municipal, DOT and Commercial outdoor lighting markets and applications, the VersaTEK Series from LEOTEK is ready to lead where our competition can only follow.

Whether you are in the harsh winter climate of Minnesota, the sweltering year round heat of central Texas or the harsh salt air of Florida's gulf coast, VersaTEK luminaires are engineered to last. Thanks in part to its patented driver heatsink design and standard 50°C high-ambient certification, full luminaire IP66 design, robust 3G vibration rating, combined with an A360 die-cast low copper alloy (< 0.6%) housing design with robust coastal paint finish options available.

Include the fact that every luminaire that LEOTEK assembles in the USA at our San Jose facility is tested both before & after a rigorous 2-hour burn-in cycle before shipping. You can be rest assured that you are receiving one of the most reliable outdoor lighting solutions available today with an expected installed service life of 10-20 years.



Large housing w/
'MAF' mast arm fitter mount



Key Features, Details & Specs

- Medium housing 8,000 to 50,000+ lumens up to 190+ LPW
- Large housing 9,000 to 65,000+ lumens up to 190+ LPW
- True 175 to 1000+ watt HID replacement (70%+ energy savings)
- 14 mounting options to choose from for any design application
- Wireless LEOLINK controls, motion sensor, part night dimming options
- Tool-free access w/ optional tool-free removable 'Power Door'
- Next-gen LED performance Flood, Site & Area, OFF-Roadway optics
- 2700K, 3000K, 4000K & 5000K CCT options available
- Weighing only 27 to 38 lbs. max for safer single person installation
- 10kV integral surge standard, 20kV extreme surge options available
- Entire luminaire & optical assembly is rated IP66
- 50°C (122°F) high-ambient rating is standard
- Pass-thru convective cooling & integral thermal heatsink design
- A360 die-cast low copper content alloy (< 0.6%)
- 5,000-hour salt spray finish standard (coastal finish available)
- All exposed fasteners are stainless steel & captive
- IK10 impact rated design (IK10 rated glass for flood configurations)
- 3G vibration rated suitable for high winds, overpasses, bridges, etc.
- Tested before & after rigorous 2-hour burn-in cycle
- Assembled in the USA at LEOTEK's San Jose, CA facility
- Backed by LEOTEK's standard 10-year warranty

14 Mounting Options



'SF' Slipfitter #1

w/ available wire leads located inside
UL splice compartment



'SFH' Slipfitter #2

S/O cord exits from housing
3-wire, 16AWG, 4' length



'SFC' Slipfitter #3

S/O cord exits from center of fitter
3-wire, 16AWG, 4' length



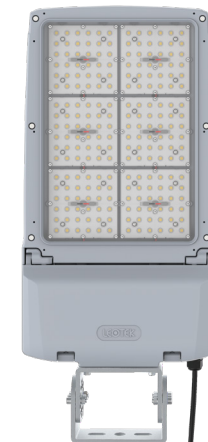
'SPM' Square & 'RPM' Round Pole Arm Mount

can retrofit up to 5-1/4" max bolt spacing
(allows for single person installation)



'ASPM' & 'ARPM' Universal Adjustable Square & Round Pole Mount

direct mounts to pole w/ tilt adjustability
(no additional tenon or mounting accessory required)



'TR' Trunnion Mount

w/ S/O cord
3-wire, 16AWG, 4' length



'YK' Yoke Mount

w/ S/O cord
3-wire, 16AWG, 4' length



'MAF' Mast Arm Tenon Fitter

for horizontal tenon mounting, thru bolt included
(compatible w/ 1-5/8", 2-3/8" & 3" O.D. tenons)



**'WM' Wall Mount Recessed J-Box Installation
'AWM' Adjustable Wall Mount Recessed J-Box**

direct mounts to 3" & 4" square/octagonal recessed J-box
(J-box provided by others)



**'WMSC' Wall Mount
'AWMSC' Adjustable Wall Mount w/ Surface Conduit J-Box**

includes direct to surface mount conduit J-box
(w/ (4) 3/4" NPT thru-wire conduit taps & plugs, one on each side)

Application design versatility with fourteen mounting options to choose from.

With multiple full cutoff pole, mast arm, wall mount options and multiple adjustable tilt options, the VersaTEK Series from LEOTEK is one of the most comprehensive and versatile outdoor design solutions available in the market today for any application.

(*Large housings shown below)

Key Product Features

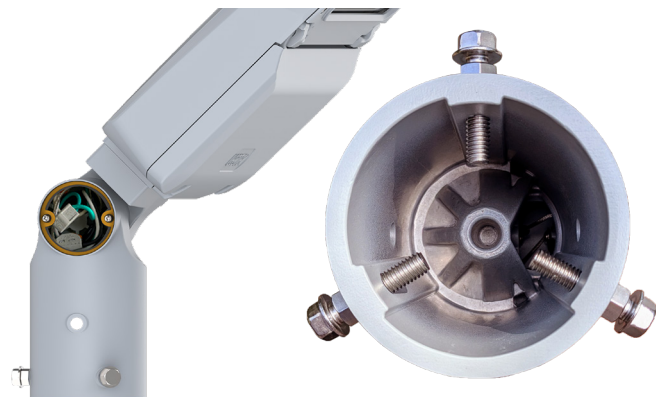
Integral Tool-Free Access Design

Tool-free electrical access & removable hinged door w/ fixed open door prop design for ease of installation or maintenance
(compatible w/ most lineman safety gloves)

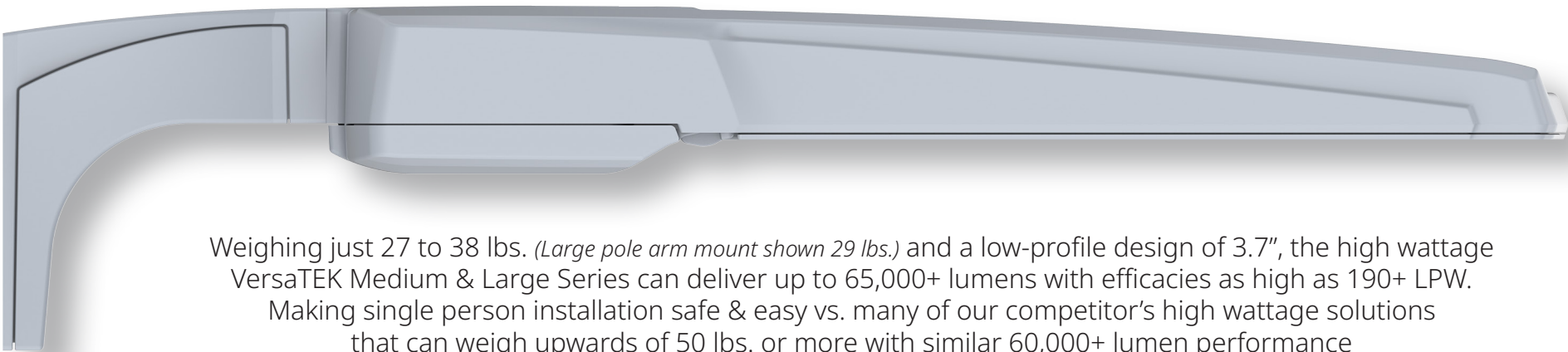


Slipfitter w/ UL Splice Box & Self-Centering Design

Includes integral UL recognized splice compartment and internal 'star' detail to assist with self-centering & leveling during installation
(w/ available wire lead access & WAGOs for ease of installation, compatible w/ 1-5/8", 2-3/8" & 3" O.D. tenons)



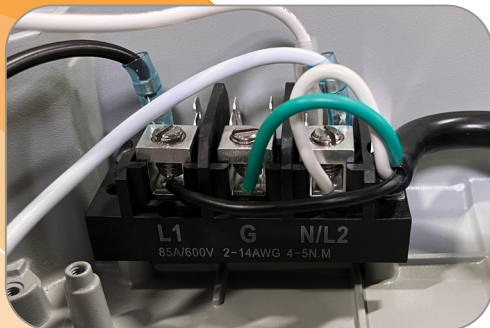
Slim yet MIGHTY!



Weighing just 27 to 38 lbs. (*Large pole arm mount shown 29 lbs.*) and a low-profile design of 3.7", the high wattage VersaTEK Medium & Large Series can deliver up to 65,000+ lumens with efficacies as high as 190+ LPW. Making single person installation safe & easy vs. many of our competitor's high wattage solutions that can weigh upwards of 50 lbs. or more with similar 60,000+ lumen performance

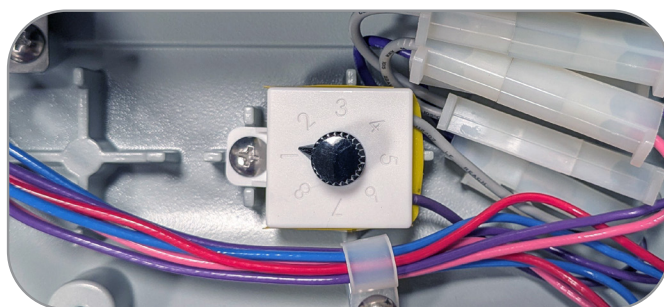
3-Position Terminal Block 'TB' Option

For ease of install/maintenance & increased safety, improved wire management & robust product life cycle operation
(includes line, neutral & ground)



Performance Selector 'PS' Option

Allows for quick & easy field adjustment of wattage & lumen output & reduced SKU complexity
(fixed position dial ensures correct output setting)



Integral VersaKick

VersaKick 'kickstand' props open the door during installation or maintenance
(allows for 'frustration free' ease of access)



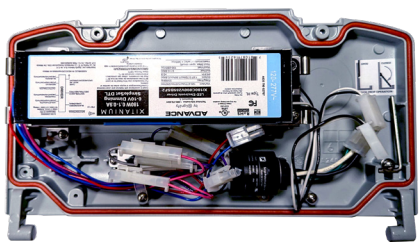
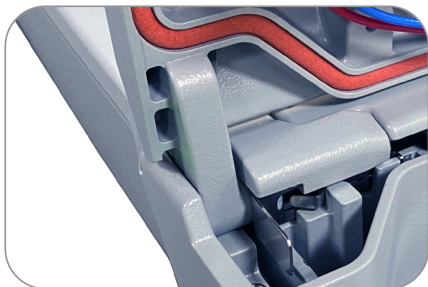
Pass-Thru Convective Cooling

(3) integral cooling slots allows ambient air to flow freely thru the luminaire for enhanced thermal management
(maximizes lifetime of electrical components & lumen maintenance)



Tool-Free Removable Power Door Option 'PWRD'

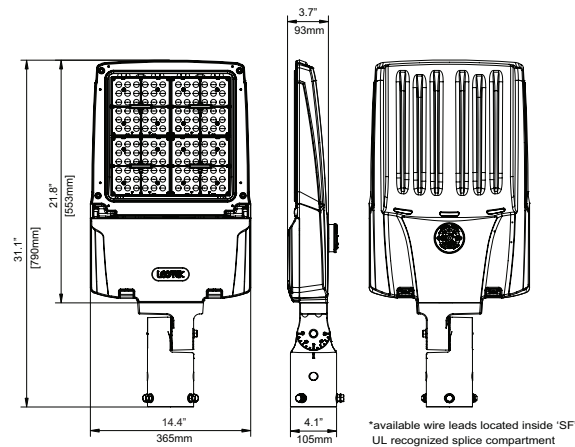
All serviceable electrical components are mounted to a tool-free removable Power Door that can be removed in less than 15 seconds to safely service on the ground or replace in seconds
(undo MOLEX connectors, push two spring clips inward to unlock door, slide the door forward & lift to remove)



MD Dimensional Data

'SF' Slipfitter Mount*

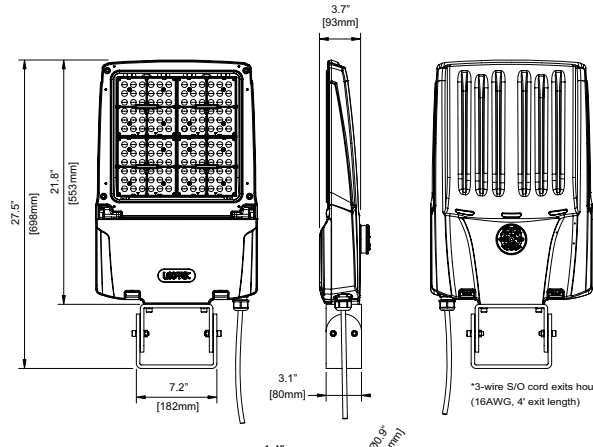
(available wire leads in UL splice compartment)
(shown w/ optional 'PCR7CR')



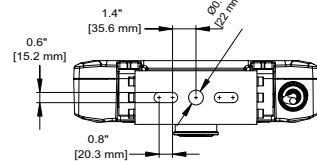
*available wire leads located inside 'SF' UL recognized splice compartment

'TR' Trunnion Mount*

(shown w/ optional 'PCR7CR')

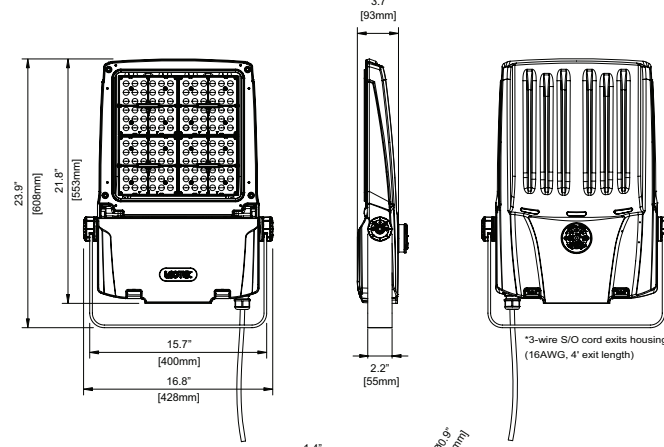


*3-wire S/O cord exits housing (16AWG, 4' exit length)

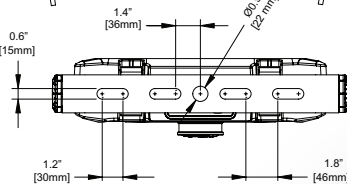


'YK' Yoke Mount*

(shown w/ optional 'PCR7CR')

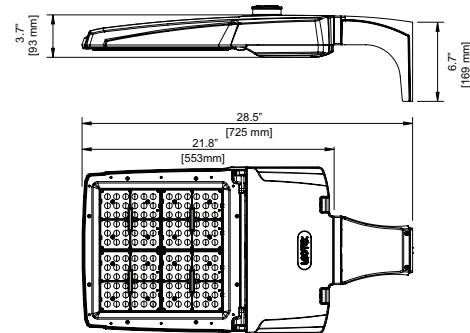


*3-wire S/O cord exits housing (16AWG, 4' exit length)



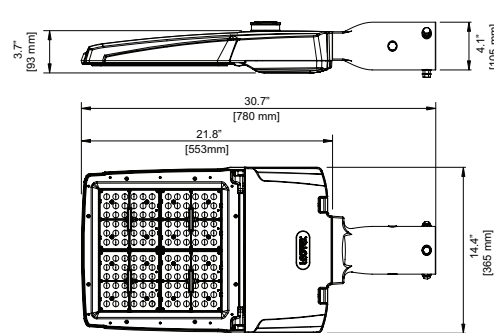
'SPM' Square & 'RPM' Round Pole Arm Mount

(quick mount arm can retrofit up to 5.25" max. bolt spacing w/ no drilling required)



'MAF' Horizontal Mast Arm Fitter Mount*

(3/8" stainless steel thru-bolt & nut is included)

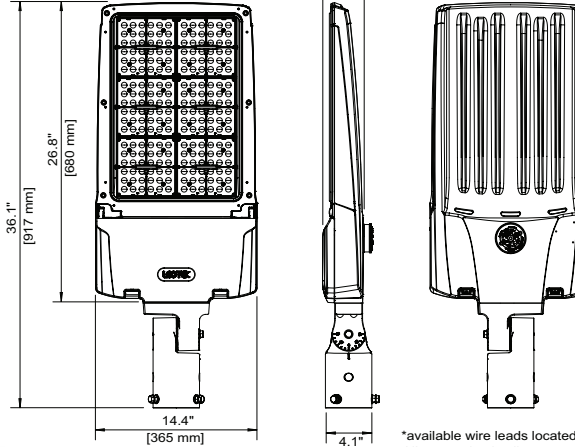


*compatible w/ 1-5/8", 2-3/8" & 3" O.D. tenons

LG Dimensional Data

'SF' Slipfitter Mount*

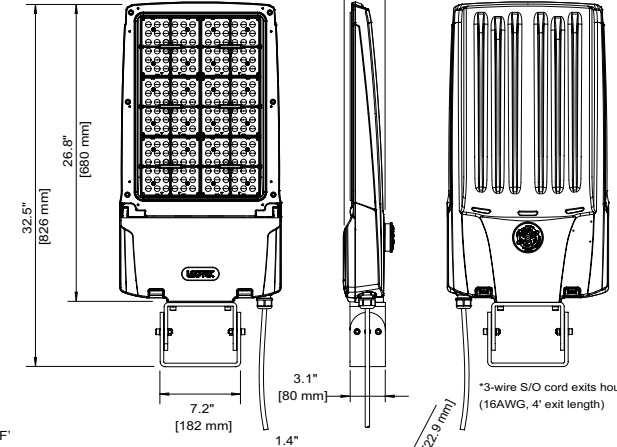
(available wire leads in UL splice compartment)
(shown w/ optional 'PCR7CR')



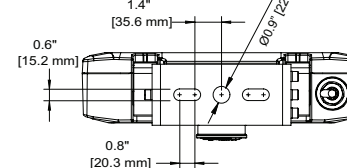
*available wire leads located inside 'SF' UL recognized splice compartment

'TR' Trunnion Mount*

(shown w/ optional 'PCR7CR')

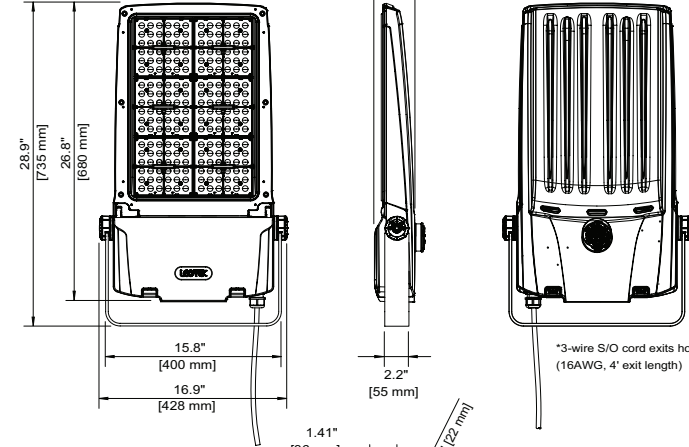


*3-wire S/O cord exits housing (16AWG, 4' exit length)

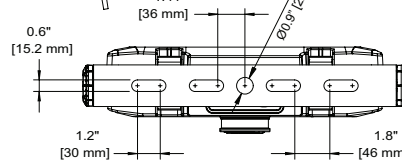


'YK' Yoke Mount*

(shown w/ optional 'PCR7CR')

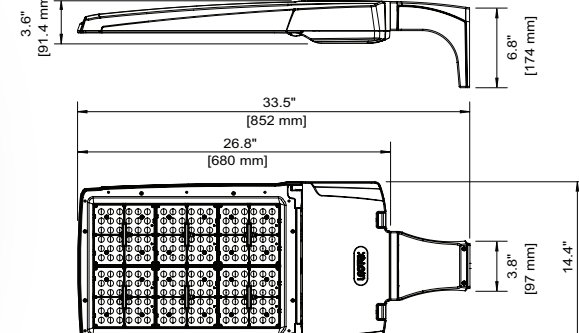


*3-wire S/O cord exits housing (16AWG, 4' exit length)



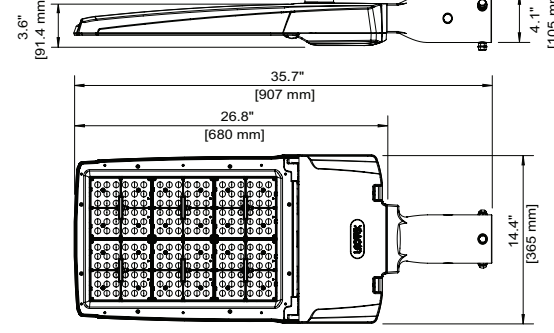
'SPM' Square & 'RPM' Round Pole Arm Mount

(quick mount arm can retrofit up to 5.25" max. bolt spacing w/ no drilling required)



'MAF' Horizontal Mast Arm Fitter Mount*

(3/8" stainless steel thru-bolt & nut is included)



*compatible w/ 1-5/8", 2-3/8" & 3" O.D. tenons

LEOLink ILS

Intelligent Lighting System for Tomorrow's Smart and Sustainable Cities

Intelligently Illuminate City Streets and Roadways

Smart...Scalable...Effortless...

LEOLink ILS is the next evolution in street lighting, integrating AI and IoT to transform a city's traditional outdoor lighting infrastructure into a smart, adaptive network. It empowers municipalities and utilities with real-time control, predictive maintenance, and rapid scalability, all with unmatched simplicity.

Integrating LEOTEK's AI-driven centralized management platform (LEOLink RenAI) with intelligent streetlight controllers, LEOLink ILS provides 24x7 visibility into the status and performance of streetlights enabling efficient energy use, real-time fault detection, and predictive maintenance across city-wide lighting networks. Easy "plug-and-play" deployment and scalability support users in achieving operational excellence, public safety, and long-term sustainability. With LEOLink ILS, cities are creating the backbone of a future-ready smart city.



ILS APPLICATIONS



City Roadways

Enhance traffic and pedestrian safety with adaptive dimming, real-time fault detection, and intelligent lighting schedules that align with city dynamics and energy usage and sustainability goals.



Parks & Public Squares

Create inviting, energy-efficient spaces for community gatherings with lighting that balances visibility, comfort, and reduced light pollution.



Industrial Parks

Ensure nighttime safety and security with consistent illumination and centralized lighting control tailored to industrial needs.



Highways

Improve driver visibility and minimize accident risks with high-lumen output and real-time failure response that eliminates dark zones.



Intersections

Improve safety at critical roadway junctions through AI-enhanced lighting that adapts to real-time traffic and pedestrian movement.

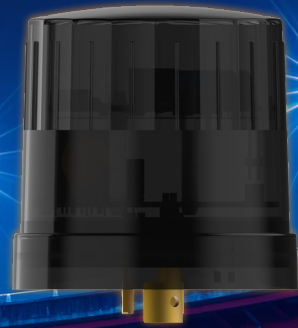


Lighting Maintenance and Repair

Utility and city maintenance and operations teams move from reactive to proactive, identifying and resolving outages faster resulting in less down (dark) time and lower TCO

LEOLink

NB01 Plus NEMA 7-PIN Smart Controller



KEY FEATURES



Self-Monitoring & Fault Detection

The controller continuously monitors the lighting fixture operational status, identifying power outages, lamp failures, and abnormal energy patterns for fast diagnostics and maintenance in addition to self-monitoring its own operational status.



Ultra-High Connectivity

Dual-mode cellular communication over the world's most reliable and secure carriers ensures a 99.5% connection success rate, delivering reliable and consistent data transmission even in challenging environments.



Built-In Surge Protection

Advanced surge protection against lightning and voltage spikes safeguards critical streetlight infrastructure.



AI-Driven Adaptive Dimming

Participates with LEOLink RenAI to enable intelligent dimming strategies, including human-centric lighting adjustments based on real-time traffic, weather, and pedestrian activity.

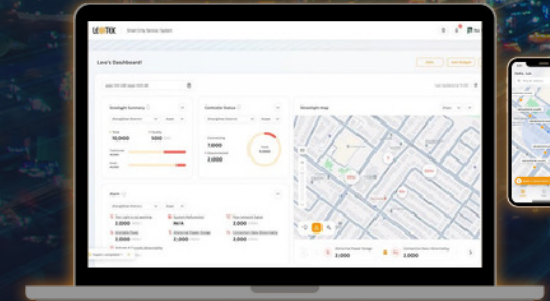


Predictive Maintenance & Analytics

Advanced failure analysis and predictive diagnostics move cities from reactive to preventative maintenance strategies that reduce downtime and operational costs.

LEOLink

RenAI Central Management System



KEY FEATURES



Asset Management

Collect and track infrastructure asset data such as streetlight luminaires, poles and controllers to drive operational efficiencies from field maintenance to life cycle management.



Remote Control

Remotely switch lights ON/OFF and adjust brightness via a simple and intuitive user interface that allows for flexible lighting schedules and luminaire groupings.



Scheduled Dimming

Automatically adjusts brightness levels based on ambient light and pre-set schedules.



Fault Detection & Notification

Monitor streetlight health and status in real time to detect and receive instant fault alerts.



Energy Consumption Management

Track usage, identify trends, and forecast energy needs for optimal efficiency.



Data Analysis & Reporting

Access historical insights, visualize data, and generate reports for informed decision-making.

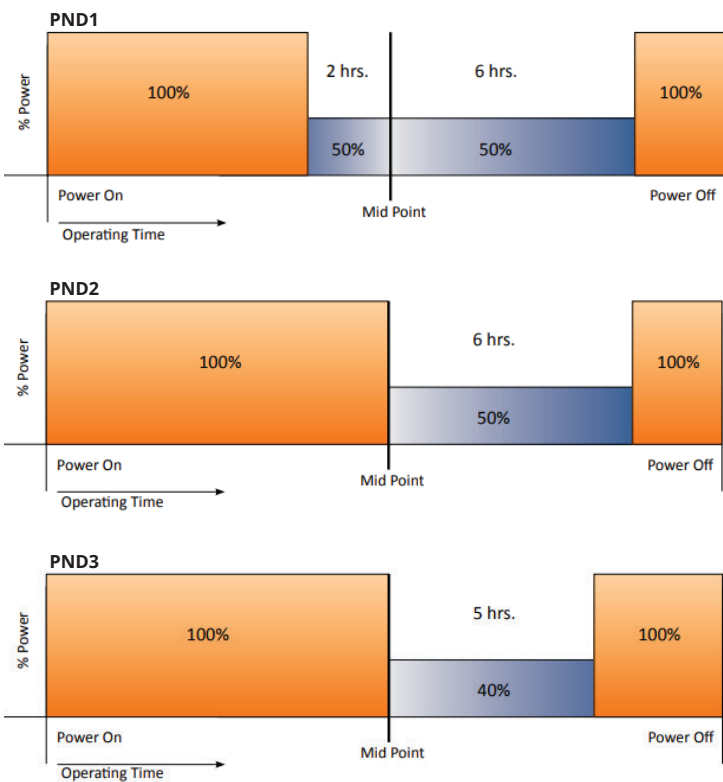


LiSA (LEOTEK intelligent Service Advisor)

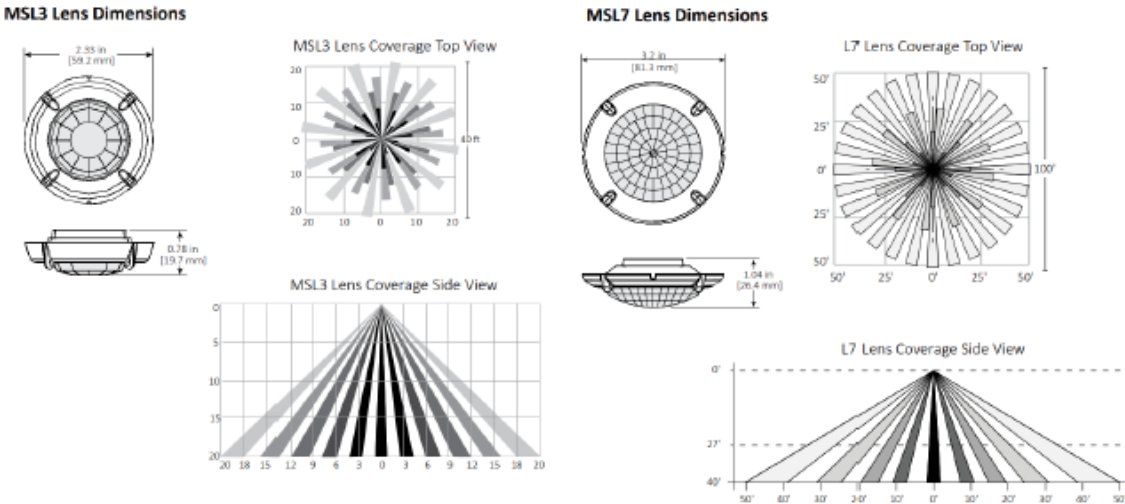
LiSA, our AI-powered assistant, is available 24/7 to streamline operations, quickly answering questions, generate reports, and troubleshooting assistance to lighten your team's workload.

PND & Motion Sensing

VersaTEK is available with ‘Part Night Dimming’ time based standalone controls and integral motion sensor controls options for additional energy savings and local code compliance. DALI D4i certified drivers are also available.
(contact LEOTEK for connected wireless control solution availability)



Optional Part Night Dimming Control Options
Simple integral and autonomous dimming options available in (3) different profiles will dim the luminaire based on the LED driver's continuous monitoring of the night's mid-point to account for seasonal changes (can be paired with motion sensor options to override the dimming profile for added safety)



Motion Sensor Options For Energy Savings & Code Compliance
Integral motion sensor option is available for all horizontal fixed position luminaire configurations to dim light levels to 50% during unoccupied periods for energy savings and local code compliance ('MSL3' lens option suitable for 20' max height, 'MSL7' lens option for 40' max height, 5-minute standby time standard)



'FSIR100' Handheld Remote Program Tool
IR motion sensor configuration tool for quick & easy field programming of sensor settings as required

About LEOTEK

LEOTEK Electronics USA LLC, located in California's Silicon Valley, is celebrating over thirty years as an LED lighting manufacturer, and is a leading supplier of LED streetlights 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 that integrate cutting-edge IoT and smart technology features into their lighting applications encompassing traffic, transit, street, and area lighting, providing advanced functionalities for efficient and intelligent lighting systems. LEOTEK street and area lighting products are assembled in the USA.





Scan the QR code to keep in touch with LEOTEK



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VersaTEK Overview Brochure 04-03-26 V6 All specifications subject to change without notice.

To learn more visit www.leotek.com or contact a LEOTEK lighting agent 408.380.1788 | 1955 Lundy Ave. San Jose, CA 95131