VersaTEK Small

LED Site & Area Series



Versatility by Design

The VersaTEK Small LED Site & Area Series by LEOTEK blends architectural styling, performance & unsurpassed reliability in a simple, retrofit friendly design delivering up to 28,325 lumens & efficacies as high as 188 LPW.

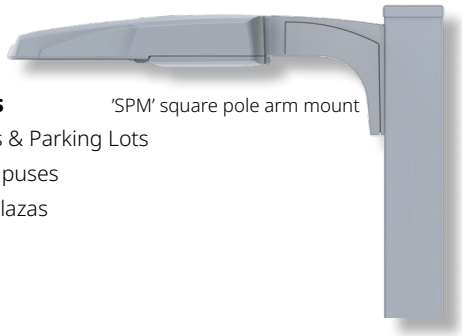
For end users seeking a value-driven solution without compromising product quality or reliability, the VersaTEK Small Site & Area Series delivers significant energy and maintenance savings, providing up to 70-80% combined savings over its installed life compared to traditional HID luminaires for exceptional payback, lowest TCO and ROI.

With a clean free flowing low profile design, the pole arm mount blends seamlessly into any environment or application. Factory-rotatable performance area optics and multiple field-installable shield options deliver exceptional uniformity that looks amazing, while providing visual safety & trespass control for demanding installations.

Pair this with a wide range of fixture & control options, including our LEOLink ILS™ Intelligent Lighting System, optional motion sensors, DALI D4i drivers, D4i receptacles and part night dimming control capabilities. Advanced controls can help maximize energy savings, simplify maintenance, improve asset visibility, and extend system life.

Key Features, Details & Specs

- 4,577 to 28,325 delivered lumens w/ efficacies up to 188+ LPW
- True 50-400+ watt HID replacement *(70%+ energy savings)*
- Performance Selector option for field-adjustable output ranging from 30-100%
- LEOLink ILS™ Intelligent Lighting System & wireless 'NB01P' smart controller option
- Next-gen performance LED platform, Site & Area, Roadway optics & shielding
- 2700K, 3000K, 4000K & 5000K CCT options available *(including 80CRI options)*
- Weighs only 20-22 lbs. for easy & safe single person installation
- Tool-free access with optional tool-free removable electrical 'Power Door'
- 10kV integral surge standard, 20kV extreme surge option available
- Entire luminaire & optical assembly is rated IP66
- 50°C *(122°F)* high-ambient rated standard for maximum electrical component life
- Pass-thru convective cooling & integral thermal heatsink design
- A360 die-cast low copper content alloy *(< 0.6%)* for max paint adhesion & life
- 5,000-hour salt spray finish standard *(coastal finish available)*
- 3G vibration rated suitable for high winds, overpasses, bridges, etc.
- Tested before & after rigorous 2-hour burn-in cycle
- BAA compliant, BABA option available, assembled in the USA *(San Jose, CA)*
- LEOTEK factory 10-year warranty is standard



'SPM' square pole arm mount

Typical Applications

- Any Large Open Areas & Parking Lots
- Business Parks & Campuses
- Commercial & Retail Plazas
- College Campuses
- Hotels & Hospitality
- Industrial Parks

Integral Tool-Free Access Design

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





Hassle Free Installation & Maintenance Features

Optional terminal block, a self-centering mast arm 'star' design assists with leveling to a tenon and a retrofit friendly quick mount pole arm
(pole arm mount retrofits up to 5.25" bolt spacing for easy single person no drill install)



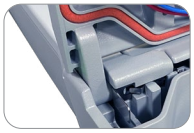


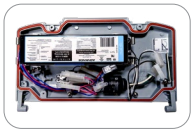


Tool-Free Removable Power Door Option

All serviceable electrical components mounted to a Power Door that is accessed & removable without tools in less than 15 seconds
(undo MOLEX connectors, push two spring clips to unlock door, slide forward to remove)







VersaTEK Small
LED Site & Area Series



'MAF' mast arm fitter mount (w/ optional 'PCR7CR' shown)

Ordering Information

Sample Catalog No. VTSSA-36A-MV-40K8-T3R-WH-CF-P9-SPM-D4I-TLR4U-TB-SP2-WL1-PWRD-SF277-BABA

Product*	LED Code	Voltage	Color Temp CRI	Optical Distribution	Finish*	Performance Code*	Mounting Options
VTSSA VersaTEK Small Site & Area	**36A** 36 or 72 LEDs Gen-A	**MV** 120-277V **HV** 347-480V	**27K7** 2700K, 70CRI **30K7** 3000K, 70CRI **40K7** 4000K, 70CRI **50K7** 5000K, 70CRI **30K8**[1] 3000K, 80CRI **40K8**[1] 4000K, 80CRI **50K8**[1] 5000K, 80CRI	**NR** Narrow Roadway **MR** Medium Roadway **WR** Wide Roadway **T2R** Type-2R **T2F** Type-2F **T3R** Type-3R **T3F** Type-3F **T4R** Type-4R **T4F** Type-4F **T5** Type-5 **AFR** Auto Front Row **ORR** Optics Rotated Right **ORL** Optics Rotated Left	**BK** Black **DB1** Dark Bronze (RAL8019) **WH** White **GY** Gray **CF** Coastal Finish *Consult factory for custom finish options, pricing & leadtimes.	**P1** **P2** **P3** **P4** **P5** **P6** **P7** **P8** **P9*** **P10** **P11** *'36A' is P9 max	**SPM** Universal Square Pole Arm Mount **RPM** Universal Round Pole Arm Mount **MAF** Horizontal Mast Arm Fitter (compatible w/ 1-5/8", 2-3/8" and 3" O.D. tenons) **WM** Wall Mount Fixed (compatible w/ 3" & 4" square/octagonal recessed J-boxes) **WMSC** Wall Mount Fixed w/ Surface Conduit J-Box **AWM** Adjustable Wall Mount (compatible w/ 3" & 4" square/octagonal recessed J-boxes) **AWMSC** Adjustable Wall Mount w/ Surface Conduit J-Box **ASPM** Universal Square Pole Adjustable Arm Mount **ARPM** Universal Round Pole Adjustable Arm Mount

*If Build America, Buy America Act (BABA) compliance is required, please refer to 'BABA Domestic Build Option' located under 'General Options' and refer to footnote #14 for additional details.

Driver* & Control Options (*0-10V drivers are standard)

D4I[2,5]	DALI D4i Driver
TLR4U[2,3,5]	DALI 4-PIN Twist Lock Receptacle (upper of housing receptacle location)
TLR4L[2,3,5]	DALI 4-PIN Twist Lock Receptacle (lower driver door receptacle location)
PCR7CR[2,8]	ANSI 7-wire Control Ready Receptacle
SC	Shorting Cap (factory installed)
LLPC[4]	Long Life Photocontrol
PS[5]	Field Adjustable Performance Selector
PND1[6]	Part Night Dimming V1
PND2[6]	Part Night Dimming V2
PND3[6]	Part Night Dimming V3
MSL3[7,,8]	Motion Sensor w/ L3 Lens
MSL7[7,8]	Motion Sensor w/ L7 Lens
MSL3P[7,9]	Motion Sensor w/ L3 Lens w/ PCR7
MSL7P[7,9]	Motion Sensor w/ L7 Lens w/ PCR7

LEOLink ILS™ Intelligent Lighting System[10]

* See VTSSA specification sheet for LEOLink ordering & system details *
(refer to LEOLink ILS specification sheets for complete specification & ordering information)

General Options

TFL	Tamper free latch (driver electrical door)
TB	3-position Terminal Block
SP2[11]	20kV/10kA Extreme Surge, Fail-to-On
LSSP2	20kV/10kA Extreme Surge, Fail-to-Off
WL	Wattage Label, ANSI C136.15-2015 compliant
WL1	Wattage Label, ANSI C136.15-2020 compliant
DSC	Optional Driver Door Safety Cable
PWRD	Power Door Option (tool-free removable door w/ serviceable electrical items)
SFXXX[12]	Single Fuse ('XXX' = specify 120, 277, 347V)
DFXXX[12]	Double Fuse ('XXX' = specify 208, 240, 480V)
BLS[13]	Enhanced Back Light Shield (factory installed)
VHS	80 Degree Cutoff Shield (factory installed)
FSS[13]	Front Side Shield (factory installed)
CSS[13]	Cul-de-sac Shield (factory installed)

BABA Domestic Build Option

BABA[14]	Build America, Buy America Act Compliant (meets Oct. 1, 2026 final US assembly, 55% content material requirements)

General Accessories*

Shield Accessories

TBS-VTS	Top, Bottom Shield
LRS-VTS	Left, Right Side Shield
4SS-VTS	4-sided Shield
BDS-VTS	Barn Door Shield
VS-VTS	Poly Vandal Shield
WG-VTS	Wire Guard
BLS-VTSXXA[13,15]	Enhanced Backlight Shield (snap-on)
VHS-VTSXXA[15]	80-Degree Cutoff Shield (snap-on)
FSS-VTSXXA[13,15]	Front Side Shield (snap-on)
CSS-VTSXXA[13,15]	Cul-de-sac Shield (snap-on) ('XXA' = specify 36A or 72A LED Code)
BSK	Bird Deterrent Spider Kit

Controls Accessories

LLPCMV	Long Life Photocontrol MV
LLPCHV	Long Life Photocontrol HV
FSIR100	MS Configuration Tool

*Accessories are ordered & shipped separately, not to be included in the luminaire's catalog number. (requires field installation)

1. 80CRI option only available in 3000K, 4000K & 5000K CCTs and may have longer leadtimes (contact factory).
2. For full 100% D4i DALI functionality a 'PCR7CR', 'TLR4U' or 'TLR4L' must be selected w/ 'D4I' DALI driver option. DALI compatible node or sensor (by others). 'D4I' DALI driver not compatible w/ 'NB01P05/10' smart controller.
3. 'TLR4U' & 'TLR4L' twist lock receptacle options requires 'D4I' driver option to be selected.
4. 'LLPC' requires 'PCR7CR' option to be selected (does not ship installed, included w/ luminaire). 5. 'PS' Performance Selector enables field adjustable light output dimming control from specified Performance Code, not compatible with DALI driver option..
6. 'PND' options only available w/ 'MV' 120-277V (contact factory for 'HV' 347-480V availability). 7. Motion Sensor options only available w/ 'SPM', 'RPM', 'MAF', 'WM' and 'WMSC' horizontal mounting options.
8. 'MSL3', 'MSL7' motion sensors require secondary controls for ON/OFF capability (ex. time clock or 0-10V by others). Contact factory for Motion Sensor availability w/ 'PCR7CR' control ready receptacle for use with wireless 7-PIN control node (by others).
9. 'MSL3P', 'MSL7P' motion sensors includes a PCR7 photocontrol receptacle for use with a twist lock photocontrol for ON/OFF capability (for use with our 'LLPC' or photocontrol by others, PINs 6 & 7 are not wired for controls, not compatible w/ wireless nodes).
10. 'NB01P05/10' requires 'PCR7CR' option, only available in 'MV' 120-277V (contact factory for 'HV' 347-480V). 'NB01P05/10' is a cellular based NEMA 7-PIN Smart Controller, RenAI subscription and network data plan required (see spec sheet for details).
11. 10kV/5kA surge, fail-to-on is included standard ('SP1'). 12. For single or double fusing, 'XXX' must specify required voltage. 13.'BLS-VTS', 'FSS-VTS' and 'CSS-VTS' shields are not available for use with the 'T5' Type-5 optical distribution.
14. 'BABA' option must be specified to meet Oct. 1, 2026 Build America, Buy America Act (BABA) guidelines. Failure to specify the 'BABA' ordering code will result in receiving non-BABA compliant product (w/ no recourse for an RMA, product exchange or refund).
15. For snap-on shield accessory items, 'XXA' must specify 36A or 72A LED Code to receive the proper quantity of shields required for field installation.

Nominal Performance Data 4000K & 5000K

(36A, Type-2R, 70CRI, 25°C ambient)

Performance Code	P1	P2	P3	P4	P5	P6	P7	P8	P9
Lumens[1]	5,406	6,982	8,507	9,983	11,408	12,783	14,109	15,383	16,609
System Wattage (W)	30	39	49	59	68	77	86	97	106
Efficacy (Lm/W)	180	179	174	169	168	166	164	159	157
HID Replacement	50-100W		175W	200W	250W				350W

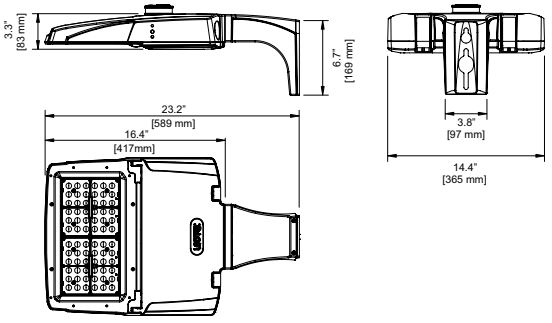
(72A, Type-2R, 70CRI, 25°C ambient)

Performance Code	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11
Lumens[1]	13,932	15,476	16,996	18,494	19,968	21,419	22,847	24,251	25,632	26,690	28,325
System Wattage (W)	74	83	92	101	109	117	126	135	144	155	165
Efficacy (Lm/W)	188	186	185	183	183	183	181	180	178	174	172
HID Replacement	250W		350W				400W+				

1. Normal tolerance ± 10% due to factors including distribution type, LED bin variance, driver variance and ambient temperatures.

'SPM' Square Pole Arm Mount Dimensions

Can retrofit up to 5.25" max. bolt spacing w/ no drilling required



* Please refer to VersaTEK product specification sheets for additional ordering information & product details *

LEOTEK
1955 Lundy Ave., San Jose, CA, 95131
1.408.380.1788 www.LEOTEK.com orders@leotek.com

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All specifications are subject to change without notice and all reported values are nominal/typical measured under lab conditions @ 25° C (77° F).